



Mohammad I Sajjad

Patient Health Summary, generated on Jul. 30, 2025

Patient Demographics - Male; born May 23, 1984

| Patient Address | Patient Name | Communication |
|--|--|---|
| 1275 N NORTHWEST HWY FL 2 (<i>Home</i>) PARK RIDGE, IL 60068-1662 | Mohammad I Sajjad | 773-609-0607 (Mobile) misajjad23@gmail.com |
| <i>Former (Apr. 08, 2025 - Apr. 27, 2025):</i> 1275 N Northwest Hwy (<i>Home</i>) Park ridge, IL 60068 | <i>Former / Aliases:</i> Mohammad Sajjad Mohammad Ibrahim Sajjad | |
| <i>Former (Apr. 08, 2025 - Apr. 07, 2025):</i> (<i>Home</i>) | | |
| <i>Former (Apr. 14, 2021 - Apr. 07, 2025):</i> 1275 N NORTHWEST HWY FL 2 (<i>Home</i>) PARK RIDGE, IL 60068-1662 | | |
| Language | Race / Ethnicity | Marital Status |
| English - Written | Asian / Not Hispanic or Latino | Married/Civil Union |

Note from Advocate Aurora Health

This document contains information that was shared with Mohammad I Sajjad. It may not contain the entire record from Advocate Aurora Health.

Allergies

Contrast Media (ANAPHYLAXIS) - High Criticality

Medications

atorvastatin (LIPITOR) 40 MG tablet

Take 40 mg by mouth at bedtime.

glipizide-metformin (METAGLIP) 5-500 MG per tablet

Take 1 tablet by mouth in the morning and 1 tablet at noon and 1 tablet in the evening. Take before meals.

pregabalin (LYRICA) 150 MG capsule

Take 150 mg by mouth in the morning and 150 mg at noon and 150 mg in the evening.

EPINEPHrine 0.3 MG/0.3ML auto-injector (Started 7/20/2025)

Inject 0.3 mLs into the muscle 1 time as needed for Anaphylaxis.

apixaBAN (ELIQUIS) 5 MG Tab (Started 7/24/2025)

Take 1 tablet by mouth every 12 hours for 2 days.

furosemide (LASIX) 20 MG tablet (Started 7/24/2025)

Take 1 tablet by mouth daily for 4 days. Indications: hold lasix the day of surgery

oxyCODONE HCl 10 MG immediate release tablet (Started 7/24/2025)

Take 1 tablet by mouth 2 times daily as needed (ischemia).

losartan (COZAAR) 25 MG tablet (Started 7/24/2025)

Take 1 tablet by mouth daily for 3 days.

NICOTINE TD

carvedilol (COREG) 6.25 MG tablet (Started 7/29/2025)

Take 1 tablet by mouth every 12 hours.

Ended Medications

amitriptyline (ELAVIL) 25 MG tablet (Discontinued)

Take 25 mg by mouth at bedtime.

metoPROLOL tartrate (LOPRESSOR) 25 MG tablet (Started 3/21/2021) (Discontinued)

Take 1 tablet by mouth every 12 hours.

apixaBAN (ELIQUIS) 5 MG Tab (Started 6/17/2022) (Discontinued)

Take 1 tablet by mouth every 12 hours.

oxyCODONE HCl 10 MG immediate release tablet (Started 8/15/2024) (Discontinued)

Take 10 mg by mouth 2 times daily as needed for Pain.

gabapentin (NEURONTIN) 400 MG capsule (Discontinued)

Take 400 mg by mouth in the morning and 400 mg at noon and 400 mg in the evening.

clopidogrel (PLAVIX) 75 MG tablet (Started 8/21/2024) (Discontinued)

Take 1 tablet by mouth daily.

acetaminophen (TYLENOL) 325 MG tablet (Started 8/21/2024) (Discontinued)

Take 2 tablets by mouth every 6 hours as needed for Pain.

lidocaine (LIDOCARE) 4 % patch (Started 8/22/2024) (Discontinued)

Place 1 patch onto the skin daily.

ibuprofen (MOTRIN) 600 MG tablet (Started 8/21/2024) (Discontinued)

Take 3 times daily for the next 3 days

pantoprazole (PROTONIX) 40 MG tablet (Started 8/21/2024) (Discontinued)

Take 1 tablet by mouth daily. While taking ibuprofen

cyclobenzaprine (FLEXERIL) 10 MG tablet (Started 8/21/2024) (Discontinued)

Take 1 tablet by mouth 3 times daily as needed for Muscle spasms.

metoPROLOL tartrate (LOPRESSOR) 25 MG tablet (Started 7/20/2025) (Discontinued)

Take 0.5 tablets by mouth every 12 hours.

losartan (COZAAR) 25 MG tablet (Started 7/20/2025) (Discontinued)

Take 0.5 tablets by mouth daily.

methylPREDNISolone (MEDROL) 32 MG tablet (Started 7/24/2025) (Expired)

Take 1 tablet by mouth daily for 2 days. Take 1 tab 12 hours prior procedure and 2 hours prior

diphenhydramine (BENADRYL) 50 MG tablet (Started 7/24/2025) (Expired)

Take 1 tablet by mouth 1 time for 1 dose. Prior to procedure

furosemide (LASIX) 20 MG tablet (Started 7/24/2025) (Discontinued)

Take 1 tablet by mouth daily.

carvedilol (COREG) 6.25 MG tablet (Started 7/24/2025) (Discontinued)

Take 1 tablet by mouth every 12 hours.

losartan (COZAAR) 25 MG tablet (Started 7/24/2025) (Discontinued)

Take 1 tablet by mouth daily for 3 days.

oxyCODONE HCl 10 MG immediate release tablet (Started 7/24/2025) (Discontinued)

Take 1 tablet by mouth 2 times daily as needed (ischemia).

Active Problems

| Problem | Noted Date | Diagnosed Date |
|--|------------|----------------|
| Other heart failure | 07/22/2025 | |
| Essential hypertension, benign | 07/22/2025 | |
| Acute systolic CHF (congestive heart failure), NYHA class 1 | 07/22/2025 | |
| Chest pain | 07/21/2025 | |
| Subclavian vein thromboembolism, acute, left | 07/19/2025 | |
| Left hand pain | 07/17/2025 | |
| Rib pain on right side | 08/21/2024 | |
| Coronary artery disease involving native coronary artery of native heart without angina pectoris | 08/21/2024 | |
| Type 2 diabetes mellitus with hyperglycemia, without long-term current use of insulin | 08/21/2024 | |
| Thromboembolism of lower extremity artery | 08/21/2024 | |
| Ischemic leg pain | 08/21/2024 | |
| Tobacco use disorder | 08/21/2024 | |
| Abdominal pain | 08/20/2024 | |

Social History

| Tobacco Use | Types | Packs/Day | Years Used | Date |
|--|--|-----------|-------------------------|------|
| Smoking Tobacco: Former | Cigarettes | | | |
| Smokeless Tobacco: Never | | | | |
| Tobacco Cessation: Counseling Given: Not Answered | | | | |
| Alcohol Use | Standard Drinks/Week | | | |
| Not Currently | 0 (1 standard drink = 0.6 oz pure alcohol) | | | |
| Utilities | Answer | | Date Recorded | |
| In the past 12 months has the electric, gas, oil, or water company threatened to shut off services in your home? | No | | 07/28/2025 | |
| PHQ-2 | Answer | | Date Recorded | |
| Initial depression screening score: | 0 | | 07/28/2025 | |
| Social Connections | Answer | | Date Recorded | |
| How often do you see or talk to people that you care about and feel close to? (For example: talking to friends on the phone, visiting friends or family, going to church or club meetings) | 5 or more times a week | | 07/28/2025 | |
| Alcohol Use | Answer | | Date Recorded | |
| Audit C Total Score | 0 | | 07/28/2025 | |
| Financial Resource Strain | Answer | | Date Recorded | |
| In the past year, have you or any family members you live with been unable to get any of the following when it was really needed? Check all that apply. | None | | 07/28/2025 | |
| Food Insecurity | Answer | | Date Recorded | |
| Within the past 12 months, you worried that your food would run out before you got money to buy more. | Never true | | 07/28/2025 | |
| Within the past 12 months, the food you bought just didn't last and you didn't have money to get more. | Never true | | 07/28/2025 | |
| Inadequate Housing | Answer | | Date Recorded | |
| What is your living situation today? | I have a steady place to live | | 07/28/2025 | |
| Do you have problems with any of the following? | None of the above | | 07/28/2025 | |
| Transportation Needs | Answer | | Date Recorded | |
| In the past 12 months, has lack of reliable transportation kept you from medical appointments, meetings, work or from getting things needed for daily living? | No | | 07/28/2025 | |
| Sex and Gender Information | Value | | Date Recorded | |
| Sex Assigned at Birth | Not on file | | | |
| Legal Sex | Male | | 09/21/2020 12:16 PM CDT | |
| Gender Identity | Not on file | | | |
| Sexual Orientation | Not on file | | | |

Last Filed Vital Signs

| Vital Sign | Reading | Time Taken | Comments |
|------------------------------|-------------------|-------------------------|----------|
| Blood Pressure | 131/83 | 07/29/2025 2:00 PM CDT | |
| Pulse | 84 | 07/29/2025 2:00 PM CDT | |
| Temperature | 36.7 °C (98.1 °F) | 07/29/2025 12:00 PM CDT | |
| Respiratory Rate | 21 | 07/29/2025 2:00 PM CDT | |
| Oxygen Saturation | 97% | 07/29/2025 2:00 PM CDT | |
| Inhaled Oxygen Concentration | - | - | |
| Weight | 82.1 kg (181 lb) | 07/28/2025 8:26 AM CDT | |
| Height | 180.3 cm (5' 11") | 07/28/2025 8:26 AM CDT | |
| Body Mass Index | 25.24 | 07/28/2025 8:26 AM CDT | |

Medical Devices

| Implanted | Type | Area | Manufacturer | Device Identifier | Model / Serial / Lot |
|---|---------------|-----------------|----------------------------|-------------------|-----------------------|
| Device Closure Mynxgrip 6f/7f - Log4604018 Implanted: Qty: 1 on 03/19/2021 by Hong Park, MD at ADVOCATE LUTHERAN GENERAL HOSPITAL | Other Implant | Right: Groin | CARDINAL HEALTHCARE CORP . | 10862028000410 | MX6721 / / F2102203 |
| Clip Internal Sm Chevron 24 Crtdg Ligate Triangulate Cross - Log26555128 Implanted: Qty: 1 on 07/28/2025 by Robert Weiss, MD at ADVOCATE LUTHERAN GENERAL HOSPITAL | Other Implant | Left: Arm Upper | Teleflex LLC | 14026704725288 | 001204 / / 73J2400546 |
| Explanted | Type | Area | Manufacturer | Device Identifier | Model / Serial / Lot |
| Sponge Abs L12.5 Cm X W8 Cm Porcine Gelatin Surgifoam Thk10 - Log26555128 Explanted: Qty: 1 on 07/28/2025 at ADVOCATE LUTHERAN GENERAL HOSPITAL | Other Implant | Left: Arm Upper | Ethicon Inc | 15712123000189 | 1974 / / 278992 |

Procedures

ANE TEE (Performed 7/28/2025)

ANE PERIPHERAL IV (Performed 7/28/2025)

ANE ARTERIAL LINE PROCEDURE (Performed 7/28/2025)

ANE AIRWAY PROCEDURE (Performed 7/28/2025)

Surgery (Performed 7/28/2025)

Heart Stress Test (STRESS TEST) (Performed 7/24/2025)

Echocardiogram (TRANSTHORACIC ECHO (TTE) LIMITED W/ W/O IMAGING AGENT) (Performed 7/22/2025)

Echocardiogram (TRANSTHORACIC ECHO(TTE) COMPLETE W/ W/O IMAGING AGENT) (Performed 7/18/2025)

Echocardiogram (TRANSTHORACIC ECHO(TTE) COMPLETE W/ W/O IMAGING AGENT) (Performed 3/20/2021)

Results

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/29/2025 11:56 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------------|----------------------------------|---------------|----------------------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 273 (H) | 70 - 99 mg/dL | | 07/29/2025 11:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | | Collection Time | Received Time |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/29/2025 11:56 AM CDT | 07/29/2025 11:58 AM CDT | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | | Result Status | | | |
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | | Final Result | | | |
| Performing Organization | Address | | City/State/ZIP Code | | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 | | | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/29/2025 6:46 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------------|----------------------------------|---------------|----------------------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 259 (H) | 70 - 99 mg/dL | | 07/29/2025 6:46 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | | Collection Time | Received Time |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/29/2025 6:46 AM CDT | 07/29/2025 6:50 AM CDT | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | | Result Status | | | |
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | | Final Result | | | |
| Performing Organization | Address | | City/State/ZIP Code | | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 | | | |

(ABNORMAL) CBC NO DIFFERENTIAL (PERFORMABLE ONLY) - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|-------------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 22.1 (H) | 4.2 - 11.0 K/mcL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.95 | 4.50 - 5.90 mil/ mcL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| HGB | 12.6 (L) | 13.0 - 17.0 g/dL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 39.8 | 39.0 - 51.0 % | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 80.4 | 78.0 - 100.0 fL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.5 (L) | 26.0 - 34.0 pg | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 31.7 (L) | 32.0 - 36.5 g/dL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 259 | 140 - 450 K/mcL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.8 | 11.0 - 15.0 % | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 40.0 | 39.0 - 50.0 fL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | | |
|------------------------------------|--------------------------|----------------------|--------------|--|
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---------------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 68 (H) | 22 - 32 sec | | 07/29/2025 3:39 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/29/2025 3:39 AM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PHOSPHORUS - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Phosphorus | 2.5 | 2.4 - 4.7 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

MAGNESIUM - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Magnesium | 1.8 | 1.7 - 2.4 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) BASIC METABOLIC PANEL - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|----------------|-------------------|-------------|------------------------------|---|-----------------------|
| Fasting Status | | | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 138 | 135 - 145 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 3.9 | 3.4 - 5.1 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 103 | 97 - 110 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 26 | 21 - 32 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 13 | 7 - 19 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 341 (H) | 70 - 99 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 14 | 6 - 20 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.69 | 0.67 - 1.17 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: eGFR results = or >60 mL/min/1.73m² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation.

| | | | | | |
|---------|----------------|------------------|--|------------------------------|---|
| BUN/Cr | 20 | 7 - 25 | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Calcium | 8.3 (L) | 8.4 - 10.2 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|---------------------------|---------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

CALCIUM, IONIZED - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|-------|--------------------|-------------|------------------------|------------------------------------|-----------------------|
| Ionized Calcium | 1.22 | 1.15 - 1.29 mmol/L | | 07/29/2025 3:52 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Ionized Calcium, Corrected | 1.27 | 1.15 - 1.29 mmol/L | | 07/29/2025 3:52 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: Differences between ionized calcium and total calcium normalized to pH 7.4 most often result from samples that have an abnormal pH due to delayed processing or exposure to air.

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Oluwatosin Olayeye NP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/28/2025 8:55 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 203 (H) | 70 - 99 mg/dL | | 07/28/2025 8:55 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/28/2025 8:55 PM CDT | 07/28/2025 9:06 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|-------------------------------|----------------------|--------------|
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/28/2025 7:47 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-----------------------------------|----------------------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 69 (H) | 22 - 32 sec | | 07/28/2025 8:16 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | | 07/28/2025 7:47 PM CDT | 07/28/2025 7:51 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/28/2025 8:16 PM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

LACTIC ACID, VENOUS - Final result (07/28/2025 2:40 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|-------------|------------------------|------------------------------------|-----------------------|
| Lactate, Venous | 2.0 | 0.0 - 2.0 mmol/L | | 07/28/2025 3:24 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 07/28/2025 2:40 PM CDT | 07/28/2025 2:52 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) BLOOD GAS, ARTERIAL - Final result (07/28/2025 2:40 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-----------|-------------|------------------------|------------------------------------|-----------------------|
| FiO2 | 60 | % | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|-----------------|-------------------|-------------|------------------------|------------------------------------|-----------------------|
| pH, Arterial | 7.33 (L) | 7.35 - 7.45 Units | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| pCO2, Arterial | 43 | 35 - 48 mm Hg | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| pO2, Arterial | 208 (H) | 83 - 108 mm Hg | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCO3, Arterial | 23 | 22 - 28 mmol/L | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Base Excess/ Deficit, Arterial | -3 (L) | -2 - 3 mmol/L | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| O2 Saturation, Arterial | 99 | 95 - 99 % | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Oxyhemoglobin, Arterial | 98 | 94 - 98 % | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Hemoglobin, Blood Gas | 13.5 | 13.0 - 17.0 g/dL | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|-----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Puncture / Unknown | 07/28/2025 2:40 PM CDT | 07/28/2025 2:52 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

XR CHEST IMAGING (XR CHEST AP OR PA) - Final result (07/28/2025 1:19 PM CDT)

| Anatomical Region | Laterality | Modality | | |
|-------------------|----------------------------------|----------------------------|------------------------|---------------|
| Chest/Thorax | N/A | Digital Radiography | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 07/28/2025 1:20 PM CDT | |

Impressions

07/28/2025 1:20 PM CDT

As above

Electronically Signed by: GLEN GEREMIA, M.D.
 Signed on: 7/28/2025 1:20 PM
 Workstation ID: 91RDD8H61H13

Narrative

07/28/2025 1:20 PM CDT

EXAM: XR CHEST AP OR PA

CLINICAL INDICATION: Tube placement

COMPARISON: July 21, 2025

FINDINGS: Lungs are clear. Heart size and pulmonary vascularity are normal.

Tip of endotracheal tube lies 4 cm above the carina. Tip of enteric tube lies within the distal body of stomach.

Procedure Note

Glen Geremia, MD - 07/28/2025

Formatting of this note might be different from the original.

EXAM: XR CHEST AP OR PA

CLINICAL INDICATION: Tube placement

COMPARISON: July 21, 2025

FINDINGS: Lungs are clear. Heart size and pulmonary vascularity are normal.

Tip of endotracheal tube lies 4 cm above the carina. Tip of enteric tube lies within the distal body of stomach.

IMPRESSION:

As above

Electronically Signed by: GLEN GEREMIA, M.D.
 Signed on: 7/28/2025 1:20 PM
 Workstation ID: 91RDD8H61H13

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Tracy Brunetti CNP | IMG XR PROCEDURES | Final Result |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/28/2025 12:34 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 235 (H) | 70 - 99 mg/dL | | 07/28/2025 12:34 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/28/2025 12:34 PM CDT | 07/28/2025 2:49 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | | | | |
|--|----------------------------------|----------------------------|--------------|-------------------------------|---|-----------------------|
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |
| (ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (07/28/2025 12:31 PM CDT) | | | | | | |
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
| WBC | 7.3 | 4.2 - 11.0 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 5.61 | 4.50 - 5.90 mil/ mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 14.3 | 13.0 - 17.0 g/ dL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 46.4 | 39.0 - 51.0 % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 82.7 | 78.0 - 100.0 fL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.5 (L) | 26.0 - 34.0 pg | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 30.8 (L) | 32.0 - 36.5 g/ dL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.5 | 11.0 - 15.0 % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 40.7 | 39.0 - 50.0 fL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 290 | 140 - 450 K/ mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 85 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 12 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|--------------------------------------|----------------------------|-------------|-------------------------------|---|-----------------------|
| Mono, Percent | 2 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 6.3 | 1.8 - 7.7 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 0.9 (L) | 1.0 - 4.8 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.1 (L) | 0.3 - 0.9 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.0 | 0.0 - 0.2 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/28/2025 12:42 PM CDT
 This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|-----------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-----------------------------------|-------------|----------------------------|------------------------|------------------------------------|-------------------------|
| PTT | 61 (H) | 22 - 32 sec | | 07/28/2025 1:00 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | | Collection Time | Received Time |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | | Arterial Line / Unknown | | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/28/2025 1:00 PM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--------------|--|--|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) PROTHROMBIN TIME (INR/PT) - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|-----------------|----------------|-------------|------------------------|------------------------------------|-----------------------|
| Protime- PT | 11.9 (H) | 9.7 - 11.8 sec | | 07/28/2025 1:00 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.1 | | | 07/28/2025 1:00 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--------------|--|--|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

PHOSPHORUS - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Phosphorus | 3.8 | 2.4 - 4.7 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

MAGNESIUM - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Magnesium | 1.8 | 1.7 - 2.4 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CREATINE KINASE - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|--------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| CK | 33 (L) | 39 - 308 Units/L | | 07/28/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) BASIC METABOLIC PANEL - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|-----------------|-------------------|-------------|------------------------------|---|-----------------------|
| Fasting Status | | | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 136 | 135 - 145 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 4.8 | 3.4 - 5.1 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 102 | 97 - 110 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 25 | 21 - 32 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 14 | 7 - 19 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 234 (H) | 70 - 99 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 15 | 6 - 20 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.64 (L) | 0.67 - 1.17 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: eGFR results = or >60 mL/min/1.73m² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation.

| | | | | | | |
|---------|----------------|------------------|--|------------------------------|---|--|
| BUN/Cr | 23 | 7 - 25 | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.1 (L) | 8.4 - 10.2 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

(ABNORMAL) BLOOD GAS, ARTERIAL - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|-----------------|-------------------|-------------|-------------------------|------------------------------------|-----------------------|
| pH, Arterial | 7.25 (L) | 7.35 - 7.45 Units | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| pCO2, Arterial | 54 (H) | 35 - 48 mm Hg | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| pO2, Arterial | 117 (H) | 83 - 108 mm Hg | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCO3, Arterial | 24 | 22 - 28 mmol/L | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Base Excess/ Deficit, Arterial | -4 (L) | -2 - 3 mmol/L | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| O2 Saturation, Arterial | 99 | 95 - 99 % | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Oxyhemoglobin, Arterial | 98 | 94 - 98 % | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Hemoglobin, Blood Gas | 14.7 | 13.0 - 17.0 g/dL | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

CT ABDOMEN AND LEGS (CTA ABDOMINAL AORTA ILOFEMORAL BILATERAL RUNOFF) - Final result (07/28/2025 11:56 AM CDT)

| Anatomical Region | Laterality | Modality | | |
|-------------------|----------------------------------|----------------------------|----------------------------|---------------|
| Abdomen | Bilateral | Computed Tomography | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 07/28/2025 12:51 PM CDT | |

Impressions

07/28/2025 1:44 PM CDT

Impression:

1. Nonocclusive mural thrombus in the proximal to mid left subclavian artery. There is also nonocclusive mural thrombus in the left axillary artery. Query possible arterial dissection and/or vasculitis.
2. Occluded bilateral external iliac arteries. Occluded bilateral common femoral arteries and bilateral superficial femoral arteries. Reconstituted bilateral profunda femoral arteries. Reconstituted distal superficial femoral arteries which is of small caliber as well. Also reconstituted popliteal artery is small caliber. Three-vessel runoff in both legs.
3. Right kidney with moderate hydroureter and hydronephrosis. No definite evidence of mass or kidney stones.
4. Thyroid nodules. Recommend thyroid ultrasound.

Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 7/28/2025 1:44 PM

Workstation ID: 91RDDJ2CSG13

Narrative

07/28/2025 1:44 PM CDT

CTA chest, abdomen and pelvis with IV contrast, CTA bilateral lower extremities:

History: Peripheral arterial disease.

Findings:

Spiral CT images of the chest, abdomen, pelvis, bilateral lower extremities down to the ankle were obtained during the infusion of IV contrast. Sagittal and coronal reconstructions were obtained and reviewed. Also additional 3-D volume rendered CTA images were obtained on the workstation and reviewed.

CT chest: Comparison 7/17/2025.

Thyroid nodules are present. No axillary lymphadenopathy. Mildly prominent paratracheal and AP window lymph nodes. No pleural or pericardial effusions. Bibasilar atelectasis/infiltrates.

CT abdomen and pelvis:

Liver and gallbladder are normal. Spleen is normal. Pancreas is normal. Adrenal glands are normal. Right kidney with moderate hydronephrosis and hydroureter. No evidence of kidney or ureteral stones on the right side. Left kidney appears normal. Bladder is unremarkable. No free fluid or lymphadenopathy within the pelvis. The bowel and mesentery appear normal. Bony structures are unremarkable.

Vascular exam:

Thoracic aorta without evidence of aneurysm or dissection. No coronary artery calcifications are present. Left subclavian artery with evidence of mural thrombus near the origin and extending to the mid segment of the left coronary artery. There is also evidence of narrowing and mural thrombus of the axillary artery. This may be related to vasculitis or dissections. Left brachial artery is widely patent. Widely patent radial, ulnar and interosseous arteries.

Abdominal aorta without evidence of aneurysm or dissection. The celiac artery stenosis is widely patent. There is moderate to severe stenosis of the origin of the superior mesenteric artery. Bilateral renal arteries are widely patent. The IMA is widely patent. Bilateral common iliac arteries are widely patent. Bilateral internal iliac arteries are widely patent. There is occlusion of bilateral external iliac arteries.

Right leg: The right common femoral is occluded. Reconstituted right profundofemoral artery. Right superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Popliteal artery is occluded with distal reconstitution which is very small caliber. Three-vessel runoff.

Left leg: The left common femoral artery is occluded. Reconstituted left profundofemoral artery. Left superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Left popliteal artery is occluded with distal reconstitution which is very small caliber. Three-vessel runoff.

Procedure Note

Hong Park, MD - 07/28/2025

Formatting of this note might be different from the original.

CTA chest, abdomen and pelvis with IV contrast, CTA bilateral lower extremities:

History: Peripheral arterial disease.

Findings:

Spiral CT images of the chest, abdomen, pelvis, bilateral lower extremities down to the ankle were obtained during the infusion of IV contrast. Sagittal and coronal reconstructions were obtained and reviewed. Also additional 3-D volume rendered CTA images were obtained on the workstation and reviewed.

CT chest: Comparison 7/17/2025.

Thyroid nodules are present. No axillary lymphadenopathy. Mildly prominent paratracheal and AP window lymph nodes. No pleural or pericardial

effusions. Bibasilar atelectasis/infiltrates.

CT abdomen and pelvis:

Liver and gallbladder are normal. Spleen is normal. Pancreas is normal. Adrenal glands are normal. Right kidney with moderate hydronephrosis and hydroureter. No evidence of kidney or ureteral stones on the right side. Left kidney appears normal. Bladder is unremarkable. No free fluid or lymphadenopathy within the pelvis. The bowel and mesentery appear normal. Bony structures are unremarkable.

Vascular exam:

Thoracic aorta without evidence of aneurysm or dissection. No coronary artery calcifications are present. Left subclavian artery with evidence of mural thrombus near the origin and extending to the mid segment of the left coronary artery. There is also evidence of narrowing and mural thrombus of the axillary artery. This may be related to vasculitis or dissections. Left brachial artery is widely patent. Widely patent radial, ulnar and interosseous arteries.

Abdominal aorta without evidence of aneurysm or dissection. The celiac artery stenosis is widely patent. There is moderate to severe stenosis of the origin of the superior mesenteric artery. Bilateral renal arteries are widely patent. The IMA is widely patent. Bilateral common iliac arteries are widely patent. Bilateral internal iliac arteries are widely patent. There is occlusion of bilateral external iliac arteries.

Right leg: The right common femoral is occluded. Reconstituted right profunda femoral artery. Right superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Popliteal artery is occluded with distal reconstitution which is very small caliber.

Three-vessel runoff.

Left leg: The left common femoral artery is occluded. Reconstituted left profunda femoral artery. Left superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Left popliteal artery is occluded with distal reconstitution which is very small caliber.

Three-vessel runoff.

IMPRESSION:

Impression:

1. Nonocclusive mural thrombus in the proximal to mid left subclavian artery. There is also nonocclusive mural thrombus in the left axillary artery. Query possible arterial dissection and/or vasculitis.
2. Occluded bilateral external iliac arteries. Occluded bilateral common femoral arteries and bilateral superficial femoral arteries. Reconstituted bilateral profunda femoral arteries. Reconstituted distal superficial femoral arteries which is of small caliber as well. Also reconstituted popliteal artery is small caliber. Three-vessel runoff in both legs.
3. Right kidney with moderate hydroureter and hydronephrosis. No definite evidence of mass or kidney stones.
4. Thyroid nodules. Recommend thyroid ultrasound.

Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 7/28/2025 1:44 PM

Workstation ID: 91RDDJ2CSG13

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Robert Weiss MD | IMG CT PROCEDURES | Final Result |

| Anatomical Region | Laterality | Modality |
|-------------------|----------------------------------|----------------------------|
| Chest | | Computed Tomography |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume |
| | | Collection Time |
| | | 07/28/2025 12:51 PM CDT |
| | | Received Time |

Impressions

07/28/2025 1:44 PM CDT

Impression:

1. Nonocclusive mural thrombus in the proximal to mid left subclavian artery. There is also nonocclusive mural thrombus in the left axillary artery. Query possible arterial dissection and/or vasculitis.
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Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 7/28/2025 1:44 PM

Workstation ID: 91RDDJ2CSG13

Narrative

07/28/2025 1:44 PM CDT

CTA chest, abdomen and pelvis with IV contrast, CTA bilateral lower extremities:

History: Peripheral arterial disease.

Findings:

Spiral CT images of the chest, abdomen, pelvis, bilateral lower extremities down to the ankle were obtained during the infusion of IV contrast. Sagittal and coronal reconstructions were obtained and reviewed. Also additional 3-D volume rendered CTA images were obtained on the workstation and reviewed.

CT chest: Comparison 7/17/2025.

Thyroid nodules are present. No axillary lymphadenopathy. Mildly prominent paratracheal and AP window lymph nodes. No pleural or pericardial effusions. Bibasilar atelectasis/infiltrates.

CT abdomen and pelvis:

Liver and gallbladder are normal. Spleen is normal. Pancreas is normal. Adrenal glands are normal. Right kidney with moderate hydronephrosis and hydroureter. No evidence of kidney or ureteral stones on the right side. Left kidney appears normal. Bladder is unremarkable. No free fluid or lymphadenopathy within the pelvis. The bowel and mesentery appear normal. Bony structures are unremarkable.

Vascular exam:

Thoracic aorta without evidence of aneurysm or dissection. No coronary artery calcifications are present. Left subclavian artery with evidence of mural thrombus near the origin and extending to the mid segment of the left coronary artery. There is also evidence of narrowing and mural thrombus of the axillary artery. This may be related to vasculitis or dissections. Left brachial artery is widely patent. Widely patent radial, ulnar and interosseous arteries.

Abdominal aorta without evidence of aneurysm or dissection. The celiac artery stenosis is widely patent. There is moderate to severe stenosis of the origin of the superior mesenteric artery. Bilateral renal arteries are widely patent. The IMA is widely patent. Bilateral common iliac arteries are widely patent. Bilateral internal iliac arteries are widely patent. There is occlusion of bilateral external iliac arteries.

Right leg: The right common femoral is occluded. Reconstituted right profundofemoral artery. Right superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Popliteal artery is occluded with distal reconstitution which is very small caliber. Three-vessel runoff.

Left leg: The left common femoral artery is occluded. Reconstituted left profundofemoral artery. Left superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Left popliteal artery is occluded with distal reconstitution which is very small caliber. Three-vessel runoff.

Procedure Note

Hong Park, MD - 07/28/2025

Formatting of this note might be different from the original.

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Spiral CT images of the chest, abdomen, pelvis, bilateral lower extremities down to the ankle were obtained during the infusion of IV contrast. Sagittal and coronal reconstructions were obtained and reviewed. Also additional 3-D volume rendered CTA images were obtained on the workstation and reviewed.

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Procedure Note

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Right leg: The right common femoral is occluded. Reconstituted right profunda femoral artery. Right superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Popliteal artery is occluded with distal reconstitution which is very small caliber.

Three-vessel runoff.

Left leg: The left common femoral artery is occluded. Reconstituted left profunda femoral artery. Left superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Left popliteal artery is occluded with distal reconstitution which is very small caliber.

Three-vessel runoff.

IMPRESSION:

Impression:

1. Nonocclusive mural thrombus in the proximal to mid left subclavian artery. There is also nonocclusive mural thrombus in the left axillary artery. Query possible arterial dissection and/or vasculitis.
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4. Thyroid nodules. Recommend thyroid ultrasound.

Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 7/28/2025 1:44 PM

Workstation ID: 91RDDJ2CSG13

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Robert Weiss MD | IMG CT PROCEDURES | Final Result |

Narrative

Annabelle Levine, MD - 07/28/2025 11:25 AM CDT

Levine, Annabelle M, MD 7/28/2025 11:27 AM

TEE

Preanesthesia Checklist:

patient identified, IV checked, risks and benefits discussed, surgical consent, monitors and equipment checked, pre-op evaluation and timeout performed.

General Procedure Information

Diagnostic Indications for Echo: assessment of ascending aorta, hemodynamic monitoring and CAD / Ischemia

Location performed: OR

Intubated

Bite block placed

Heart visualized

Probe Insertion: easy

Probe Type: Multiplane

Modalities: Two-dimensional, pulse wave Doppler and continuous wave Doppler

Probe Placement Observation:atraumatic insertion

TEE Image stored: images permanently saved

Probe Removal: easy

Echocardiographic and Doppler Measurements

Atria

Right Atrium:

Size normal.

Left Atrium:

Size normal.

Ventricles

Right Ventricle:

Cavity size normal.

Left Ventricle:

Cavity Size normal.

Aorta

Ascending Aorta:

Size normal. Dissection not present. Plaque thickness less than 3mm.

Mobile plaque not present.

Aortic Arch:

Size normal. Dissection not present. Plaque thickness less than 3 mm.

Mobile plaque not present.

Descending Aorta:

Size normal. Dissection not present. Plaque thickness less than 3 mm.

Mobile plaque not present.

Echocardiogram Comments: Limited TEE performed to evaluate for evidence of aortic dissection. No evidence of dissection in ascending aorta, aortic arch, or descending aorta.

Anesthesia Information

Staff

| Authorizing Provider | Result Type | Result Status |
|------------------------|-------------------|---------------|
| Annunziato Pirrotta MD | AHC PR ANESTHESIA | Final Result |

FL PROCEDURE IMAGING (FL INTRAOPERATIVE C ARM NO REPORT) - Final result (07/28/2025 11:07 AM CDT)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-----------------|---------------|
|-------------------|----------------------------------|----------------------------|-----------------|---------------|

Narrative

GECENTRICITYPACS - 07/28/2025 11:07 AM CDT

Findings from this exam can be found in operative or procedural report section.

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------|---------------|
| Robert Weiss MD | IMG FLUOROSCOPY PROCEDURES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|-------------------------|---------|---------------------|--------------|
| GECENTRICITYPACS | | | |

TYPE/SCREEN - Final result (07/28/2025 10:14 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------------|--------------------------------------|-----------|----------------------------|-------------------------------|---|-----------------------|
| ABO/RH(D) | B Rh Positive | | | 07/28/2025 11:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| ANTIBODY SCREEN | Negative | | | 07/28/2025 11:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| TYPE AND SCREEN EXPIRATION DATE | 07/31/2025 23:59 | | | 07/28/2025 11:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time | |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | | | 07/28/2025 10:14 AM CDT | 07/28/2025 10:22 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|-------------------------------|----------------------|--------------|
| Robert Weiss MD | BKR LAB BLOOD BANK TEST ORDER | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PROTHROMBIN TIME (INR/PT) - Final result (07/28/2025 8:45 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|------------------------------------|----------------|----------------------------|------------------------------|---|-----------------------|
| Protime- PT | 11.4 | 9.7 - 11.8 sec | | 07/28/2025 9:10 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.1 | | | 07/28/2025 9:10 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | 07/28/2025 8:45 AM CDT | 07/28/2025 8:50 AM CDT | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|------------------------------------|----------------|----------------------------|------------------------------|---|-----------------------|
| Protime- PT | 11.4 | 9.7 - 11.8 sec | | 07/28/2025 9:10 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.1 | | | 07/28/2025 9:10 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | 07/28/2025 8:45 AM CDT | 07/28/2025 8:50 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------|--------------------------|---------------|
| Annunziato Pirrotta MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/28/2025 8:22 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 288 (H) | 70 - 99 mg/dL | | 07/28/2025 8:22 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/28/2025 8:22 AM CDT | 07/28/2025 8:25 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|----------------------|----------------------------------|---------------|--|
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/24/2025 9:06 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 191 (H) | 70 - 99 mg/dL | | 07/24/2025 9:06 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/24/2025 9:06 PM CDT | 07/24/2025 9:09 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|----------------------|----------------------------------|---------------|--|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

STRESS TEST ONLY, EXERCISE (07/24/2025 4:21 PM CDT)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| | | | 07/24/2025 2:07 PM CDT | 07/24/2025 2:07 PM CDT |

Impressions

AURORA HEALTH CARE RADIOLOGY - 07/24/2025 3:26 PM CDT

Advocate Lutheran General Hospital

1775 Dempster Street

Park Ridge, IL 60068

Stress Electrocardiography

Regadenoson (Lexiscan)

Patient: Sajjad, Mohammad I Study Date/Time: Jul 24 2025 2:07PM
 MRN: 11141626 FIN#: 10640252987
 DOB: 05/23/1984 Ht/Wt: 180cm 82.4kg
 Age: 41 BSA/BMI: 2.04m² 25.4kg/m²
 Gender: M Baseline BP: 160 / 83
 Ordering Physician: Maurice, Joanna M
 Referring Physician: Abbas, Zareena
 Attending Physician: Maurice, Joanna M
 Diagnostic Physician: Buenvenida, Carissa MD
 Nurse: Marta Polakowski

NUCLEAR IMAGING RESULTS REPORTED SEPARATELY.

Indications: Chest pain. Shortness of breath.

Study Conclusions

Summary:

1. Stress data: Maximal heart rate during stress was 127bpm (71% of maximal predicted heart rate). The maximal predicted heart rate was 179bpm. The target heart rate was 152bpm. The target heart rate was not achieved.
2. Procedure narrative: Regadenoson (Lexiscan) stress test was performed. Regadenoson (Lexiscan) was administered by intravenous bolus, followed by a 5ml saline flush. The total dose was 0.4mg over 10.00second(s). The infusion was terminated after the Lexiscan protocol was completed.
3. NUCLEAR IMAGING RESULTS OF THIS STRESS TEST ARE REPORTED OUT SEPARATELY UNDER RADIOLOGY. Both parts MUST be finalized for a complete Nuclear Stress Test result.

Impressions:

1. Negative for ischemic heart disease by ECG criteria.
2. MPI to be reported separately

History: Acute myocardial infarction. Coronary artery disease. Congestive heart failure. Risk factors: The patient is a current tobacco user. Hypertension. Dyslipidemia. Family history is significant for coronary artery disease. Medications: Beta blockers.

Study data: Nuclear components: SPECT. Study status: Routine. Location: Stress laboratory. Patient status: Inpatient. Objective: Diagnostic evaluation. Consent: The risks, benefits, and alternatives to the procedure were explained to the patient. Study completion: The patient tolerated the procedure well. There were no complications.

Procedure data: The patient arrived at the laboratory. A baseline ECG was recorded. Intravenous access was obtained. Surface ECG leads and blood pressure measurements were monitored. Regadenoson (Lexiscan) stress test was performed. Regadenoson (Lexiscan) was administered by intravenous bolus, followed by a 5ml saline flush. The total dose was 0.4mg over 10.00second(s). The infusion was terminated after the Lexiscan protocol was completed. Discharge: The patient was transferred to the telemetry unit via cart, accompanied by transport personnel. The patient left the laboratory in stable condition.

Cardiac stress table:

| Stage | HR | BP | Comments | |
|--------------------------------|---------|---------|-----------------------------|---|
| !PREINFSN SUPINE; 2 min 57 sec | !102! | !160/83 | !No symptoms. | ! |
| | ! (109) | | ! | ! |
| !INFUSION DOSE 1; 1 min | !127! | | !Lexiscan injected. Isotope | ! |
| | ! | ! | !injected. | ! |
| !INFUSION DOSE 2; 1 min | !123! | | ! | ! |
| !INFUSION DOSE 3; 1 min | !113! | !170/90 | !No symptoms. | ! |
| | !(117) | | ! | ! |

Impressions

| | | |
|-----------------------------------|--------------------------|---------------|
| !INFUSION DOSE 4; 1 min | !109!157/94 ! !!(115) | ! |
| !POSTINFSN Recovery; 33 sec | !107!167/92 ! !!(117) | !No symptoms. |
| !POSTINFSN Recovery; 2 min 50 sec | !103!154/87 ! !!(109) | !No symptoms. |
| !POSTINFSN Recovery; 3 min 50 sec | !102!153/87 ! !!(109) | !No symptoms. |

Stress results: NUCLEAR IMAGING RESULTS OF THIS STRESS TEST ARE REPORTED OUT SEPARATELY UNDER RADIOLOGY. Both parts MUST be finalized for a complete Nuclear Stress Test result. Maximal heart rate during stress was 127bpm (71% of maximal predicted heart rate). The maximal predicted heart rate was 179bpm. The target heart rate was 152bpm. The target heart rate was not achieved. The rate-pressure product for the peak heart rate and blood pressure was 19210mm Hg/min.

Prepared and electronically signed by:

Buenvenida, Carissa MD
07/24/2025 15:26

Narrative

Procedure Note

Carissa Buenvenida, MD - 07/24/2025

Formatting of this note might be different from the original.

Advocate Lutheran General Hospital

1775 Dempster Street

Park Ridge, IL 60068

Stress Electrocardiography

Regadenoson (Lexiscan)

Patient: Sajjad, Mohammad I Study Date/Time: Jul 24 2025 2:07PM

MRN: 11141626 FIN#: 10640252987

DOB: 05/23/1984 Ht/Wt: 180cm 82.4kg

Age: 41 BSA/BMI: 2.04m^2 25.4kg/m^2

Gender: M Baseline BP: 160 / 83

Ordering Physician: Maurice, Joanna M

Referring Physician: Abbas, Zareena

Attending Physician: Maurice, Joanna M

Diagnostic Physician: Buenvenida, Carissa MD

Nurse: Marta Polakowski

NUCLEAR IMAGING RESULTS REPORTED SEPARATELY.

Indications: Chest pain. Shortness of breath.

Study Conclusions

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Impressions:

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History: Acute myocardial infarction. Coronary artery disease. Congestive heart failure. Risk factors: The patient is a current tobacco user. Hypertension. Dyslipidemia. Family history is significant for coronary artery disease. Medications: Beta blockers.

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Cardiac stress table:

```
+-----+-----+-----+
!Stage !HR !BP !Comments !
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!!!(109) !!
+-----+-----+-----+
!INFUSION DOSE 1; 1 min !127!-----!Lexiscan injected. Isotope !
!!!!injected. !
+-----+-----+-----+
!INFUSION DOSE 2; 1 min !123!-----!
+-----+-----+-----+
!INFUSION DOSE 3; 1 min !113!170/90 !No symptoms. !
!!!(117) !!
+-----+-----+-----+
!INFUSION DOSE 4; 1 min !109!157/94 !-----!
!!!(115) !!
+-----+-----+-----+
!POSTINFSN Recovery; 33 sec !107!167/92 !No symptoms. !
!!!(117) !!
+-----+-----+-----+
!POSTINFSN Recovery; 2 min 50 !103!154/87 !No symptoms. !
!sec !!!(109) !!
+-----+-----+-----+
!POSTINFSN Recovery; 3 min 50 !102!153/87 !No symptoms. !
!sec !!!(109) !!
```

Stress results: NUCLEAR IMAGING RESULTS OF THIS STRESS TEST ARE REPORTED OUT SEPARATELY UNDER RADIOLOGY. Both parts MUST be finalized for a complete Nuclear Stress Test result. Maximal heart rate during stress was 127bpm (71% of maximal predicted heart rate). The maximal predicted heart rate was 179bpm. The target heart rate was 152bpm. The target heart rate was not achieved. The rate-pressure product for the peak heart rate and blood pressure was 19210mm Hg/min. Prepared and electronically signed by:

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------|----------------------|---------------------|--------------|
| Joanna Maurice MD | CV STRESS PROCEDURES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| AURORA HEALTH CARE RADIOLOGY | | | |

NM HEART IMAGING WITH STRESS TEST (NM MYOCARDIAL PERfusion SPECT MULTI) - Final result (07/24/2025 4:21 PM CDT)

| Anatomical Region | Laterality | Modality | | |
|-------------------|----------------------------------|----------------------------|------------------------|---------------|
| Chest/Thorax | | Nuclear Medicine | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 07/24/2025 4:47 PM CDT | |

Impressions

07/24/2025 4:51 PM CDT

There is a moderate size fixed defect in the basal to apical inferior wall consistent with infarction with moderate peri-infarct ischemia. The LV cavity is dilated with an ejection fraction of 29% with diffuse severe hypokinesis.

Adib Chaus, MD
Cardiology

Electronically Signed by: ADIB M CHAUS, MD
Signed on: 7/24/2025 4:51 PM
Workstation ID: 91CVDDWV60C3

Narrative

07/24/2025 4:51 PM CDT

EXAM: LEXISCAN MYOCARDIAL PERfusion STUDY

CLINICAL INDICATION: This is a 41 years presenting with chest pain and HFrEF.

COMPARISON: None.

Isotope: 5.8 mCi of technetium 99m sestamibi for rest images and 17.6 mci of technetium 99m sestamibi for pharmacologic stress images.

FINDINGS: The resting cardiac SPECT images were compared to the stress cardiac SPECT images. There is a moderate size fixed defect in the basal to apical inferior wall consistent with infarction with moderate peri-infarct ischemia. The LV cavity is dilated with an ejection fraction of 29% with diffuse severe hypokinesis. Quantitative analysis using the EC Toolbox demonstrates no TID.

Electrocardiographic portion of the study will be dictated by the cardiologist.

Procedure Note

Adib Chaus, MD - 07/24/2025

Procedure Note

Formatting of this note might be different from the original.

EXAM: LEXISCAN MYOCARDIAL PERFUSION STUDY

CLINICAL INDICATION: This is a 41 years presenting with chest pain and HFrEF.

COMPARISON: None.

Isotope: 5.8 mCi of technetium 99m sestamibi for rest images and 17.6 mCi of technetium 99m sestamibi for pharmacologic stress images.

FINDINGS: The resting cardiac SPECT images were compared to the stress cardiac SPECT images. There is a moderate size fixed defect in the basal to apical inferior wall consistent with infarction with moderate peri-infarct ischemia. The LV cavity is dilated with an ejection fraction of 29% with diffuse severe hypokinesis. Quantitative analysis using the EC Toolbox demonstrates no TID.

Electrocardiographic portion of the study will be dictated by the cardiologist.

IMPRESSION:

There is a moderate size fixed defect in the basal to apical inferior wall consistent with infarction with moderate peri-infarct ischemia. The LV cavity is dilated with an ejection fraction of 29% with diffuse severe hypokinesis.

Adib Chaus, MD
Cardiology

Electronically Signed by: ADIB M CHAUS, MD

Signed on: 7/24/2025 4:51 PM

Workstation ID: 91CVDDWV60C3

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Joanna Maurice MD | IMG NM PROCEDURES | Final Result |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/24/2025 4:13 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|---------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 131 (H) | 70 - 99 mg/dL | | 07/24/2025 4:13 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/24/2025 4:13 PM CDT | 07/24/2025 4:37 PM CDT |

| |
|-----------|
| Narrative |
|-----------|

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------------------|---------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/24/2025 4:04 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|-------------|----------------------------|------------------------|------------------------------------|-----------------------|
| PTT | 58 (H) | 22 - 32 sec | | 07/24/2025 4:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | | Collection Time | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | 07/24/2025 4:04 PM CDT | 07/24/2025 4:14 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/24/2025 4:42 PM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|---------------|
| Joanna Maurice MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | |
| | City/State/ZIP Code | |
| | Park Ridge, IL 60068 | |
| | Phone Number | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/24/2025 12:17 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------------------------|---------------|----------------------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 146 (H) | 70 - 99 mg/dL | | 07/24/2025 12:17 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | | Collection Time | Received Time |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/24/2025 12:17 PM CDT | 07/24/2025 12:20 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|-------------------------------|---------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |
| Performing Organization | Address | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | |
| | City/State/ZIP Code | |
| | Park Ridge, IL 60068 | |
| | Phone Number | |

(ABNORMAL) CBC NO DIFFERENTIAL (PERFORMABLE ONLY) - Final result (07/24/2025 7:30 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|----------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 9.1 | 4.2 - 11.0 K/mcL | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 5.39 | 4.50 - 5.90 mil/ mcL | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|-------------|------------------------|------------------------------------|-----------------------|
| HGB | 13.8 | 13.0 - 17.0 g/dL | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 43.1 | 39.0 - 51.0 % | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 80.0 | 78.0 - 100.0 fL | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.6 (L) | 26.0 - 34.0 pg | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 32.0 | 32.0 - 36.5 g/dL | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 255 | 140 - 450 K/mcL | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.5 | 11.0 - 15.0 % | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 38.7 (L) | 39.0 - 50.0 fL | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/24/2025 7:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 07/24/2025 7:30 AM CDT | 07/24/2025 7:45 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | | |
|------------------------------------|--------------------------|----------------------|--------------|--|
| Kelsey D | BKR LAB BLOOD ORDERABLES | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/24/2025 7:30 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---------------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 56 (H) | 22 - 32 sec | | 07/24/2025 8:09 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/24/2025 7:30 AM CDT | 07/24/2025 7:45 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/24/2025 8:09 AM CDT
PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Joanna Maurice MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

MAGNESIUM - Final result (07/24/2025 7:30 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Magnesium | 2.0 | 1.7 - 2.4 mg/dL | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/24/2025 7:30 AM CDT | 07/24/2025 7:45 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Sophia Majid DO | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) BASIC METABOLIC PANEL - Final result (07/24/2025 7:30 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Fasting Status | | | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 138 | 135 - 145 mmol/L | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 4.0 | 3.4 - 5.1 mmol/L | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 101 | 97 - 110 mmol/L | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|----------------|-------------------|-------------|------------------------|------------------------------------|-----------------------|
| Carbon Dioxide | 30 | 21 - 32 mmol/L | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 11 | 7 - 19 mmol/L | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 151 (H) | 70 - 99 mg/dL | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 9 | 6 - 20 mg/dL | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.74 | 0.67 - 1.17 mg/dL | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: eGFR results = or >60 mL/min/1.73m² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation.

| | | | | | |
|-------------------|----------------------------------|------------------|----------------------------|------------------------|------------------------------------|
| BUN/Cr | 12 | 7 - 25 | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Calcium | 8.4 | 8.4 - 10.2 mg/dL | | 07/24/2025 8:16 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | 07/24/2025 7:30 AM CDT | 07/24/2025 7:45 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Sophia Majid DO | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/24/2025 5:58 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 162 (H) | 70 - 99 mg/dL | | 07/24/2025 5:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|---------------------------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/24/2025 5:58 AM CDT | 07/24/2025 6:01 AM CDT |
| Narrative | | | | |
| Authorizing Provider | Result Type | Result Status | | |
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/24/2025 12:03 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 196 (H) | 70 - 99 mg/dL | | 07/24/2025 12:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/24/2025 12:03 AM CDT | 07/24/2025 12:06 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | | |
|---------------------------------------|----------------------------------|----------------------|--------------|--|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/23/2025 11:50 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---------------|-------------|-------------|-------------------------|------------------------------------|-----------------------|
| PTT | 43 (H) | 22 - 32 sec | | 07/24/2025 12:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/23/2025 11:50 PM CDT | 07/23/2025 11:53 PM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/24/2025 12:26 AM CDT
PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | | |
|----------------------|-----------------------------|---------------|--|--|
| Joanna Maurice MD | BKR LAB BLOOD ORDERABLES | Final Result | | |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/23/2025 9:08 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 193 (H) | 70 - 99 mg/dL | | 07/23/2025 9:08 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: Notified RN

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/23/2025 9:08 PM CDT | 07/23/2025 9:10 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------------|---------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/23/2025 5:12 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 175 (H) | 70 - 99 mg/dL | | 07/23/2025 5:12 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/23/2025 5:12 PM CDT | 07/23/2025 5:15 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------------|---------------|
| Sophia Majid DO | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/23/2025 4:28 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---------------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 50 (H) | 22 - 32 sec | | 07/23/2025 5:03 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/23/2025 4:28 PM CDT | 07/23/2025 4:34 PM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/23/2025 5:03 PM CDT
PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Sophia Majid DO | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/23/2025 12:30 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 274 (H) | 70 - 99 mg/dL | | 07/23/2025 12:30 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/23/2025 12:30 PM CDT | 07/23/2025 12:39 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|-------------------------------|----------------------|--------------|
| Sophia Majid DO | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC NO DIFFERENTIAL (PERFORMABLE ONLY) - Final result (07/23/2025 8:53 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|----------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 9.0 | 4.2 - 11.0 K/mcL | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 5.44 | 4.50 - 5.90 mil/ mcL | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 13.9 | 13.0 - 17.0 g/ dL | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 43.3 | 39.0 - 51.0 % | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| MCV | 79.6 | 78.0 - 100.0 fl | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.6 (L) | 26.0 - 34.0 pg | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 32.1 | 32.0 - 36.5 g/dL | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 264 | 140 - 450 K/mcL | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.6 | 11.0 - 15.0 % | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 38.9 (L) | 39.0 - 50.0 fL | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/23/2025 9:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/23/2025 8:53 AM CDT | 07/23/2025 9:04 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|---------------|----------------------|
| Kelsey D | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/23/2025 8:53 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| PTT | 27 | 22 - 32 sec | | 07/23/2025 9:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/23/2025 8:53 AM CDT | 07/23/2025 9:04 AM CDT | | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/23/2025 9:31 AM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Kelsey D | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/23/2025 8:20 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 160 (H) | 70 - 99 mg/dL | | 07/23/2025 8:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | BLOOD SPECIMEN / Unknown | | 07/23/2025 8:20 AM CDT | 07/23/2025 8:22 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|-------------------------------|----------------------|
| Sophia Majid DO | BKR LAB PT OF CARE TST UNSOLC | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

MAGNESIUM - Final result (07/23/2025 7:23 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| Magnesium | 1.9 | 1.7 - 2.4 mg/dL | | 07/23/2025 8:07 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/23/2025 7:23 AM CDT | 07/23/2025 7:41 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Joanna Maurice MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

(ABNORMAL) BASIC METABOLIC PANEL - Final result (07/23/2025 7:23 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------------------------|----------------------------|---------------------------|------------------------------|---|-----------------------|
| Fasting Status | | | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 140 | 135 - 145 mmol/L | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 3.8 | 3.4 - 5.1 mmol/L | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 103 | 97 - 110 mmol/L | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 27 | 21 - 32 mmol/L | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 14 | 7 - 19 mmol/L | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 161 (H) | 70 - 99 mg/dL | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 7 | 6 - 20 mg/dL | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.77 | 0.67 - 1.17 mg/dL | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >60 mL/min/1.73m ² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation. | | | | | | |
| BUN/Cr | 9 | 7 - 25 | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.1 (L) | 8.4 - 10.2 mg/dL | | 07/23/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/23/2025 7:23 AM CDT | 07/23/2025 7:41 AM CDT | | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Kelsey D | BKR LAB BLOOD ORDERABLES | Final Result | | | | |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/23/2025 3:06 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 259 (H) | 70 - 99 mg/dL | | 07/23/2025 3:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: Notified RN

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/23/2025 3:06 AM CDT | 07/23/2025 3:08 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------------|---------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/22/2025 8:50 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 259 (H) | 70 - 99 mg/dL | | 07/22/2025 8:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: Notified RN

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/22/2025 8:50 PM CDT | 07/22/2025 8:53 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------------|---------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

POTASSIUM - Final result (07/22/2025 8:12 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Potassium | 3.7 | 3.4 - 5.1 mmol/L | | 07/22/2025 8:35 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/22/2025 8:12 PM CDT | 07/22/2025 8:21 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Joanna Maurice MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/22/2025 5:51 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|---------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 217 (H) | 70 - 99 mg/dL | | 07/22/2025 5:51 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/22/2025 5:51 PM CDT | 07/22/2025 5:54 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|-------------------------------|----------------------|--------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

TRANSTHORACIC ECHO (TTE) LIMITED W/ DOPPLER & COLOR W/ CONTRAST (07/22/2025 4:08 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------------|-------|-----------|-------------|---------------|------------------------------|-----------------------|
| Ejection Fraction | 44% | | | | AURORA HEALTH CARE RADIOLOGY | |
| AV VTI (Previously displayed as AVA) | 1.13 | | | | AURORA HEALTH CARE RADIOLOGY | |
| MV Peak E Velocity | 0.33 | | | | AURORA HEALTH CARE RADIOLOGY | |
| MV Peak A Velocity | 140 | | | | AURORA HEALTH CARE RADIOLOGY | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------------------------|----------------------------|------------------------|---------------|---------------------------------------|-----------------------|
| E Wave Deceleration Time | 13.3097762073 | | | | AURORA HEALTH CARE RADIOLOGY | |
| MV E Wave Vel/E Tissue Vel Med | 8.49 | | | | AURORA HEALTH CARE RADIOLOGY | |
| MV E Tissue Vel Med | 10.8 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Ascending Aorta | 3 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Tricuspid valve annular peak velocity | 9 | | | | AURORA HEALTH CARE RADIOLOGY | |
| AVI LVOT Peak Gradient | 0.9 | | | | AURORA HEALTH CARE RADIOLOGY | |
| LV end diastolic posterior wall thickness 2D | 5.2 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Left Ventricular Internal Dimension in Diastole | 3.8 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Left Internal Dimension in Systole | 0.9 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| | | | 07/22/2025 3:39 PM CDT | | | |

Impressions

AURORA HEALTH CARE RADIOLOGY - 07/22/2025 8:59 PM CDT

Advocate Lutheran General Hospital

1775 Dempster Street

Park Ridge, IL 60068

Limited Transthoracic Echocardiogram (TTE)

Patient: Sajjad, Mohammad I Study Date/Time: Jul 22 2025 3:39PM
 MRN: 11141626 FIN#: 10640252987
 DOB: 05/23/1984 Ht/Wt: 180.3cm 88kg
 Age: 41 BSA/BMI: 2.11m^2 27.1kg/m^2
 Gender: M Baseline BP: 132 / 76
 *Ordering Physician: Danley, Kelsey T

*Referring Physician: Danley, Kelsey T ; Abbas, Zareena

*Attending Physician: Jia, Eliot

*Performing Physician: Katarzyna Mikrut MD

*Diagnostic Physician: Brody Slostad, MD

*Sonographer: Michael Basile, RDCS, AE-PE

STUDY CONCLUSIONS SUMMARY:

1. Left ventricle: The cavity size is normal. Wall thickness is normal. Systolic function is mildly reduced. The ejection fraction was measured by biplane method of disks. Diastolic dysfunction present but unable to assess severity. The ejection fraction is 44%.

Impressions

2. Mitral valve: There is trivial regurgitation.
 3. Right ventricle: The cavity size is normal. Systolic function is normal.
 4. Tricuspid valve: There is trivial regurgitation.

STUDY DATA: Comparison is made to the study of 07/18/2025. Procedure: A transthoracic echocardiogram was performed. The risks and benefits for the use of an ultrasound enhancing agent were reviewed with the patient. Image quality was adequate. Intravenous contrast (Definity 2ml) was administered to opacify the left ventricle and right ventricle. Limited 2D, limited spectral Doppler, and color Doppler. Study status: Routine. Study completion: There were no complications.

FINDINGS

LEFT VENTRICLE: The cavity size is normal. wall thickness is normal. Systolic function is mildly reduced. There is mild diffuse hypokinesis. The ejection fraction was measured by biplane method of disks. The ejection fraction is 44%. Diastolic dysfunction present but unable to assess severity.

AORTIC VALVE: The leaflets are normal thickness. Cusp separation is normal.

MITRAL VALVE: There is trivial regurgitation. The peak diastolic gradient is 5mm Hg.

RIGHT VENTRICLE: The cavity size is normal. Systolic function is normal. The RV pressure during systole is 9mm Hg.

TRICUSPID VALVE: There is trivial regurgitation. The estimated central venous pressure is 3mm Hg.

SYSTEMIC VEINS:

Inferior vena cava: The IVC is normal-sized. Respirophasic diameter changes are in the normal range (>= 50%).

Measurements

| | | value | Ref | 07/18/2025 | Left ventricle continued | value | |
|----------------|-----------------------|-------------------|-------------------|-----------------|--------------------------|----------|-----------------------------------|
| Left ventricle | Ref 07/18/2025 | | | | | | |
| Ref 07/18/2025 | EDD, LAX chord | (N) 5.2 | cm | 4.2 - 5.8 5.3 | EDV/bsa, 2-p | (N) 70 | m ¹ /m ² 34 |
| - 74 50 | ESD, LAX chord | (N) 3.8 | cm | 2.5 - 4.0 4.3 | ESV/bsa, 2-p | (H) 39 | m ¹ /m ² 11 |
| ----- 31 30 | EDD/bsa, LAX chord | (N) 2.5 | cm/m ² | 2.2 - 3.0 2.6 | SV/bsa, 2-p | 30.7 | m ¹ /m ² |
| ----- 20.2 | ESD/bsa, LAX chord | (N) 1.8 | cm/m ² | 1.3 - 2.1 2.1 | E', lat ann, TDI | (N) 10.8 | cm/sec |
| >=10.0 7.2 | PW, ED, LAX | (N) 0.9 | cm | 0.6 - 1.0 0.5 | E/e', lat ann, TDI | (N) 10 | |
| <=13 12 | EDD major ax, A4C | 7.7 | cm | ----- 8.2 | E', med ann, TDI | (N) 8.5 | cm/sec |
| >=7.0 7.5 | ESD major ax, A4C | 7.3 | cm | ----- 7.0 | E/e', med ann, TDI | 13 | |
| ----- 12 | FS major axis, A4C | 6 | % | ----- 15 | E', avg, TDI | 9.645 | cm/sec |
| ----- 7.345 | EDD/bsa major ax, A4C | 3.7 | cm/m ² | ----- 4.0 | E/e', avg, TDI | (N) 12 | |
| <=14 12 | ESD/bsa major ax, A4C | 3.4 | cm/m ² | ----- 3.4 | | | |
| Ref 07/18/2025 | EDA, A4C | 33.7 | cm ² | ----- 33.5 | Right ventricle | value | |
| ----- | Ref 07/18/2025 | 24.8 | cm ² | ----- 21.5 | Pressure, S | 9 | mm Hg |
| ----- | FAC, A4C | 26 | % | ----- 36 | | | |
| IVS, ED | (N) 0.9 | cm | 0.6 - 1.0 0.9 | Mitral valve | value | | |
| Ref 07/18/2025 | PW, ED | (N) 0.9 | cm | 0.6 - 1.0 0.5 | Peak E | 1.13 | m/sec |
| ----- 0.9 | IVS/PW, ED | 1 | | ----- 1.8 | Peak A | 0.33 | m/sec |
| ----- 0.35 | EDV | (N) 141 | ml | 62 - 150 149 | Decel time | 140 | ms |
| ----- 145 | ESV | (N) 55 | ml | 21 - 61 80 | Peak grad, D | 5 | mm Hg |
| ----- 3 | EF | (L) 44 | % | 52 - 72 41 | Peak E/A ratio | 3.5 | |
| ----- 2.6 | SV | 68 | ml | ----- 52 | | | |
| EDV/bsa | (N) 67 | ml/m ² | 34 - 74 73 | Tricuspid valve | value | | |
| Ref 07/18/2025 | ESV/bsa | (N) 26 | ml/m ² | 11 - 31 39 | TR peak v | (N) 1.2 | m/sec |
| <=2.8 ----- | SV/bsa | 32 | ml/m ² | ----- 25 | Peak RV-RA grad, S | 6 | mm Hg |

Impressions

| | | | | | | |
|--|------------------|--------------|--------------------|----------|------------------|---------|
| SV, 1-p A4C SV/bsa, 1-p A4C Ref 07/18/2025 | 52 24 | m1 m1/m^2 | ----- ----- | 57 28 | Pulmonary artery | value |
| EDV, 2-p | (N) 147 | m1 | 62 - 150 | 102 | Pressure, S | 9 mm Hg |
| ESV, 2-p EF, 2-p Ref 07/18/2025 | (H) 82 (L) 44 | m1 % | 21 - 61 52 - 72 | 61 41 | Systemic veins | value |
| SV, 2-p ----- 8 | 65 | m1 | ----- | 41 | Estimated CVP | 3 mm Hg |

Legend:
(L) and (H) mark values outside specified reference range.
(N) marks values inside specified reference range.

Prepared and electronically signed by
Brody Slostad, MD
07/22/2025 20:59

Narrative

Procedure Note

Brody Slostad, MD - 07/22/2025

Formatting of this note might be different from the original.

Advocate Lutheran General Hospital
1775 Dempster Street
Park Ridge, IL 60068
Limited Transthoracic Echocardiogram (TTE)

Patient: Sajjad, Mohammad I Study Date/Time: Jul 22 2025 3:39PM

MRN: 11141626 FIN#: 10640252987

DOB: 05/23/1984 Ht/Wt: 180.3cm 88kg

Age: 41 BSA/BMI: 2.11m^2 27.1kg/m^2

Gender: M Baseline BP: 132 / 76

Ordering Physician: Danley, Kelsey T

Referring Physician: Danley, Kelsey T ; Abbas, Zareena

Attending Physician: Jia, Eliot

Performing Physician: Katarzyna Mikrut MD

Diagnostic Physician: Brody Slostad, MD

Sonographer: Michael Basile, RDCS, AE-PE

STUDY CONCLUSIONS

SUMMARY:

1. Left ventricle: The cavity size is normal. Wall thickness is normal. Systolic function is mildly reduced. The ejection fraction was measured by biplane method of disks. Diastolic dysfunction present but unable to assess severity. The ejection fraction is 44%.
2. Mitral valve: There is trivial regurgitation.
3. Right ventricle: The cavity size is normal. Systolic function is normal.
4. Tricuspid valve: There is trivial regurgitation.

STUDY DATA: Comparison is made to the study of 07/18/2025. Procedure: A transthoracic echocardiogram was performed. The risks and benefits for the use of an ultrasound enhancing agent were reviewed with the patient. Image quality was adequate. Intravenous contrast (Definity 2ml) was administered to opacify the left ventricle and right ventricle. Limited 2D, limited spectral Doppler, and color Doppler. Study status: Routine. Study completion: There were no complications.

FINDINGS

LEFT VENTRICLE: The cavity size is normal. Wall thickness is normal. Systolic function is mildly reduced. There is mild diffuse hypokinesis. The ejection

Procedure Note

fraction was measured by biplane method of disks. The ejection fraction is 44%. Diastolic dysfunction present but unable to assess severity.

AORTIC VALVE: The leaflets are normal thickness. Cusp separation is normal.

MITRAL VALVE: There is trivial regurgitation. The peak diastolic gradient is 5mm Hg.

RIGHT VENTRICLE: The cavity size is normal. Systolic function is normal. The RV pressure during systole is 9mm Hg.

TRICUSPID VALVE: There is trivial regurgitation. The estimated central venous pressure is 3mm Hg.

SYSTEMIC VEINS:

Inferior vena cava: The IVC is normal-sized. Respirophasic diameter changes are in the normal range (>= 50%).

Measurements

Left ventricle Value Ref 07/18/2025 Left ventricle continued Value Ref 07/18/2025
EDD, LAX chord (N) 5.2 cm 4.2 - 5.8 5.3 EDV/bsa, 2-p (N) 70 ml/m² 34 - 74 50
ESD, LAX chord (N) 3.8 cm 2.5 - 4.0 4.3 ESV/bsa, 2-p (H) 39 ml/m² 11 - 31 30
EDD/bsa, LAX chord (N) 2.5 cm/m² 2.2 - 3.0 2.6 SV/bsa, 2-p 30.7 ml/m² ----- 20.2
ESD/bsa, LAX chord (N) 1.8 cm/m² 1.3 - 2.1 2.1 E', lat ann, TDI (N) 10.8 cm/sec >=10.0 7.2
PW, ED, LAX (N) 0.9 cm 0.6 - 1.0 0.5 E/e', lat ann, TDI (N) 10 <=13 12
EDD major ax, A4C 7.7 cm ----- 8.2 E', med ann, TDI (N) 8.5 cm/sec >=7.0 7.5
ESD major ax, A4C 7.3 cm ----- 7.0 E/e', med ann, TDI 13 ----- 12
FS major axis, A4C 6 % ----- 15 E', avg, TDI 9.645 cm/sec ----- 7.345
EDD/bsa major ax, A4C 3.7 cm/m² ----- 4.0 E/e', avg, TDI (N) 12 <=14 12
ESD/bsa major ax, A4C 3.4 cm/m² ----- 3.4
EDA, A4C 33.7 cm² ----- 33.5 Right ventricle Value Ref 07/18/2025
ESA, A4C 24.8 cm² ----- 21.5 Pressure, S 9 mm Hg -----
FAC, A4C 26 % ----- 36
IVS, ED (N) 0.9 cm 0.6 - 1.0 0.9 Mitral valve Value Ref 07/18/2025
PW, ED (N) 0.9 cm 0.6 - 1.0 0.5 Peak E 1.13 m/sec ----- 0.9
IVS/PW, ED 1 ----- 1.8 Peak A 0.33 m/sec ----- 0.35
EDV (N) 141 ml 62 - 150 149 Decel time 140 ms ----- 145
ESV (N) 55 ml 21 - 61 80 Peak grad, D 5 mm Hg ----- 3
EF (L) 44 % 52 - 72 41 Peak E/A ratio 3.5 ----- 2.6
SV 68 ml ----- 52
EDV/bsa (N) 67 ml/m² 34 - 74 73 Tricuspid valve Value Ref 07/18/2025
ESV/bsa (N) 26 ml/m² 11 - 31 39 TR peak v (N) 1.2 m/sec <=2.8 -----
SV/bsa 32 ml/m² ----- 25 Peak RV-RA grad, S 6 mm Hg -----
SV, 1-p A4C 52 ml ----- 57
SV/bsa, 1-p A4C 24 ml/m² ----- 28 Pulmonary artery Value Ref 07/18/2025
EDV, 2-p (N) 147 ml 62 - 150 102 Pressure, S 9 mm Hg -----
ESV, 2-p (H) 82 ml 21 - 61 61
EF, 2-p (L) 44 % 52 - 72 41 Systemic veins Value Ref 07/18/2025
SV, 2-p 65 ml ----- 41 Estimated CVP 3 mm Hg ----- 8

Legend:

(L) and (H) mark values outside specified reference range.

(N) marks values inside specified reference range.

Prepared and electronically signed by

Brody Slostad, MD

07/22/2025 20:59

| Authorizing Provider | Result Type | Result Status |
|-------------------------|--------------------|-----------------------|
| Kelsey D | CV ECHO ORDERABLES | Edited Result - Final |
| Performing Organization | Address | City/State/ZIP Code |

AURORA HEALTH CARE
RADIOLOGY

THYROID STIMULATING HORMONE - Final result (07/22/2025 3:38 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|---------------------------------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| TSH | 1.220 | 0.350 - 5.000 mcUnits/mL | | 07/22/2025 4:23 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | 07/22/2025 3:38 PM CDT | 07/22/2025 3:51 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Joanna Maurice MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/22/2025 12:22 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|---------|---------------|-------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 131 (H) | 70 - 99 mg/dL | | 07/22/2025 12:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/22/2025 12:22 PM CDT | 07/22/2025 12:24 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------------------|---------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/22/2025 8:41 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|---------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 156 (H) | 70 - 99 mg/dL | | 07/22/2025 8:41 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/22/2025 8:41 AM CDT | 07/22/2025 8:43 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|----------------------------------|----------------------|--------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

TROPONIN I, HIGH SENSITIVITY - Final result (07/22/2025 4:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------|-------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| Troponin I, High Sensitivity | 14 | <77 ng/L | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/22/2025 4:13 AM CDT | 07/22/2025 4:26 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|--------------------------|----------------------|--------------|
| Siu Choy DO | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC NO DIFFERENTIAL (PERFORMABLE ONLY) - Final result (07/22/2025 4:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|----------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 7.9 | 4.2 - 11.0 K/mcL | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.87 | 4.50 - 5.90 mil/ mcL | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 12.5 (L) | 13.0 - 17.0 g/ dL | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 39.5 | 39.0 - 51.0 % | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 81.1 | 78.0 - 100.0 fl | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.7 (L) | 26.0 - 34.0 pg | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| MCHC | 31.6 (L) | 32.0 - 36.5 g/dL | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 226 | 140 - 450 K/mcL | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.6 | 11.0 - 15.0 % | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 39.8 | 39.0 - 50.0 fL | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/22/2025 4:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/22/2025 4:13 AM CDT | 07/22/2025 4:26 AM CDT | | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Siu Choy DO | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) MAGNESIUM - Final result (07/22/2025 4:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| Magnesium | 1.6 (L) | 1.7 - 2.4 mg/dL | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/22/2025 4:13 AM CDT | 07/22/2025 4:26 AM CDT | | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Siu Choy DO | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) COMPREHENSIVE METABOLIC PANEL - Final result (07/22/2025 4:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------|-------------------|-------------|------------------------------|---|-----------------------|
| Fasting Status | | | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 141 | 135 - 145 mmol/L | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 3.4 | 3.4 - 5.1 mmol/L | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 104 | 97 - 110 mmol/L | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 29 | 21 - 32 mmol/L | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 11 | 7 - 19 mmol/L | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 192 (H) | 70 - 99 mg/dL | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 8 | 6 - 20 mg/dL | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.75 | 0.67 - 1.17 mg/dL | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >60 mL/min/1.73m ² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation. | | | | | | |
| BUN/Cr | 11 | 7 - 25 | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 7.9 (L) | 8.4 - 10.2 mg/dL | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Bilirubin, Total | 0.5 | 0.2 - 1.0 mg/dL | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GOT/AST | 14 | <=37 Units/L | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GPT/ALT | 23 | <64 Units/L | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------|----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Alkaline Phosphatase | 60 | 45 - 117 Units/L | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Albumin | 2.9 (L) | 3.4 - 5.0 g/dL | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Protein, Total | 6.2 (L) | 6.4 - 8.2 g/dL | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Globulin | 3.3 | 2.0 - 4.0 g/dL | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| A/G Ratio | 0.9 (L) | 1.0 - 2.4 | | 07/22/2025 5:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/22/2025 4:13 AM CDT | 07/22/2025 4:26 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Siu Choy DO | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

(ABNORMAL) LIPID PANEL WITH REFLEX - Final result (07/22/2025 4:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|-------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| Cholesterol | 129 | <=199 mg/dL | | 07/22/2025 3:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment:

| | | | | | | |
|-----------------|----------------|-------------|--|------------------------|------------------------------------|--|
| Desirable | <200 | | | | | |
| Borderline High | 200 to 239 | | | | | |
| High | >=240 | | | | | |
| Triglycerides | 165 (H) | <=149 mg/dL | | 07/22/2025 3:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment:

| | | | | | | |
|-----------------|---------------|------------|--|------------------------|------------------------------------|--|
| Normal | <150 | | | | | |
| Borderline High | 150 to 199 | | | | | |
| High | 200 to 499 | | | | | |
| Very High | >=500 | | | | | |
| HDL | 35 (L) | >=40 mg/dL | | 07/22/2025 3:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|------------------------------------|----------------------------|-------------|------------------------------|---|-----------------------|
| Comment: | | | | | | |
| Low | <40 | | | | | |
| Borderline Low | 40 to 49 | | | | | |
| Near Optimal | 50 to 59 | | | | | |
| Optimal | >=60 | | | | | |
| LDL | 61 | <=129 mg/dL | | 07/22/2025 3:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: | | | | | | |
| Optimal | <100 | | | | | |
| Near Optimal | 100 to 129 | | | | | |
| Borderline High | 130 to 159 | | | | | |
| High | 160 to 189 | | | | | |
| Very High | >=190 | | | | | |
| Non-HDL Cholesterol | 94 | mg/dL | | 07/22/2025 3:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: | | | | | | |
| Therapeutic Target: | | | | | | |
| CHD and risk equivalents | <130 | | | | | |
| Multiple risk factors | <160 | | | | | |
| 0 to 1 risk factor | <190 | | | | | |
| Cholesterol/ HDL Ratio | 3.7 | <=4.4 | | 07/22/2025 3:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 07/22/2025 4:13 AM CDT | 07/22/2025 4:26 AM CDT | |

| | | | | |
|---------------------------------------|----------------------|-----------------------------|---------------|--|
| Narrative | | | | |
| Authorizing Provider | | Result Type | Result Status | |
| Joanna Maurice MD | | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

NM LUNG IMAGING (NM LUNG VENTILATION AND PERfusion) - Final result (07/21/2025 7:08 PM CDT)

| Anatomical Region | Laterality | Modality |
|-------------------|----------------------------------|----------------------------|
| Chest/Thorax | | Nuclear Medicine |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume |
| | | |
| | | Collection Time |
| | | 07/22/2025 7:58 AM CDT |
| Received Time | | |

Impressions

07/22/2025 7:59 AM CDT

Low probability study for pulmonary embolism.

Electronically Signed by: IQBAL HAQ, MD
Signed on: 7/22/2025 7:59 AM
Workstation ID: ARC-IL05-IHAQ

Narrative

07/22/2025 7:59 AM CDT

EXAM: Ventilation/perfusion scan.

ISOTOPE AND AMOUNT: 9.8 mCi of Xenon- 133 and 4.4 mCi of Technetium- 99m MAA.

CLINICAL INDICATION: Rule out PE.

PROCEDURE: The ventilation part of the study is done with 9.8 mci of Xenon-133 by obtaining the anterior and posterior projection images in single breath in, equilibrium and washout phases. The perfusion part of the study is done by injecting 4.4 mci Technitium-99m MAA intravenously and by the obtaining the lung images in multiple projections. .

FINDINGS:

There is normal homogeneous distribution of radiotracer noted in the bilateral lung fields in the perfusion images. No evidence of segmental or sub segmental perfusion unmatched defects to suspect pulmonary embolism.

The ventilation images also show relative homogeneous distribution of isotope in the bilateral lung fields.

Procedure Note

Iqbal Haq, MD - 07/22/2025

Formatting of this note might be different from the original.

EXAM: Ventilation/perfusion scan.

ISOTOPE AND AMOUNT: 9.8 mCi of Xenon- 133 and 4.4 mCi of Technetium- 99m MAA.

CLINICAL INDICATION: Rule out PE.

PROCEDURE: The ventilation part of the study is done with 9.8 mci of Xenon-133 by obtaining the anterior and posterior projection images in single breath in, equilibrium and washout phases. The perfusion part of the study is done by injecting 4.4 mci Technitium-99m MAA intravenously and by the obtaining the lung images in multiple projections. .

FINDINGS:

There is normal homogeneous distribution of radiotracer noted in the bilateral lung fields in the perfusion images. No evidence of segmental or sub segmental perfusion unmatched defects to suspect pulmonary embolism.

The ventilation images also show relative homogeneous distribution of isotope in the bilateral lung fields.

IMPRESSION:

Low probability study for pulmonary embolism.

Electronically Signed by: IQBAL HAQ, MD
Signed on: 7/22/2025 7:59 AM
Workstation ID: ARC-IL05-IHAQ

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Eliot Jia MD | IMG NM PROCEDURES | Final Result |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------------|----------------------------------|----------------------------|--------------|------------------------|------------------------------------|-----------------------|
| Troponin I, High Sensitivity | 14 | <77 ng/L | | 07/21/2025 5:40 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | | 07/21/2025 5:14 PM CDT | 07/21/2025 5:20 PM CDT | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Eliot Jia MD | BKR LAB BLOOD ORDERABLES | Final Result | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |

XR CHEST IMAGING (XR CHEST AP OR PA) - Final result (07/21/2025 4:22 PM CDT)

| Anatomical Region | Laterality | Modality | | |
|-------------------|----------------------------------|----------------------------|------------------------|---------------|
| Chest/Thorax | N/A | Digital Radiography | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 07/21/2025 4:25 PM CDT | |

Impressions

07/21/2025 4:27 PM CDT

Nonspecific mildly prominent interstitial markings. Differential considerations include interstitial edema and/or pneumonitis, bronchiolitis, or less likely atypical viral infection. Follow-up posttreatment radiograph is suggested.

Electronically Signed by: OMAR KATIB, MD

Signed on: 7/21/2025 4:27 PM

Workstation ID: ARC-IL05-OKATI

Narrative

07/21/2025 4:27 PM CDT

EXAM: XR CHEST AP OR PA.

CLINICAL INDICATION: Shortness of breath.

TECHNIQUE: AP upright view of chest obtained using portable technique.

COMPARISON: CT chest without contrast on 07/17/2025.

FINDINGS:

The trachea is midline. The cardiomedastinal and hilar contours are unremarkable. The pulmonary vasculature is unremarkable. There is no pneumothorax, pleural effusion, or focal airspace consolidation. Mild diffuse bilateral interstitial prominence or coarse lung markings of uncertain chronicity.

Procedure Note

Omar Katib, MD - 07/21/2025

Procedure Note

Formatting of this note might be different from the original.

EXAM: XR CHEST AP OR PA.

CLINICAL INDICATION: Shortness of breath.

TECHNIQUE: AP upright view of chest obtained using portable technique.

COMPARISON: CT chest without contrast on 07/17/2025.

FINDINGS:

The trachea is midline. The cardiomedastinal and hilar contours are unremarkable. The pulmonary vasculature is unremarkable. There is no pneumothorax, pleural effusion, or focal airspace consolidation. Mild diffuse bilateral interstitial prominence or coarse lung markings of uncertain chronicity.

IMPRESSION:

Nonspecific mildly prominent interstitial markings. Differential considerations include interstitial edema and/or pneumonitis, bronchiolitis, or less likely atypical viral infection. Follow-up posttreatment radiograph is suggested.

Electronically Signed by: OMAR KATIB, MD

Signed on: 7/21/2025 4:27 PM

Workstation ID: ARC-IL05-OKATI

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Eliot Jia MD | IMG XR PROCEDURES | Final Result |

COVID/FLU/RSV PANEL - Final result (07/21/2025 3:36 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------------|--------------|-----------------|-----------------|------------------------|------------------------------------|-----------------------|
| Rapid SARS-CoV-2 by PCR | Not Detected | Not Detected | LUTHERAN - GXP2 | 07/21/2025 4:26 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Influenza A by PCR | Not Detected | Not Detected | LUTHERAN - GXP2 | 07/21/2025 4:26 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Influenza B by PCR | Not Detected | Not Detected | LUTHERAN - GXP2 | 07/21/2025 4:26 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RSV BY PCR | Not Detected | Not Detected | LUTHERAN - GXP2 | 07/21/2025 4:26 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Isolation Guidelines | | LUTHERAN - GXP2 | | 07/21/2025 4:26 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment:

Do not use this test result as the sole decision-maker for discontinuation of isolation. Clinical evaluation should be considered for other respiratory illness requiring transmission-based isolation.

- No fever (<99.0 F/37.2 C) for at least 24 hours without the use of fever-reducing medications AND
- Respiratory symptoms have improved or resolved (e.g. cough, shortness of breath) AND
- COVID-19 negative test

See COVID-19 Deisolation Resource Guide

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------|-------|-----------|-----------------|------------------------|------------------------------------|-----------------------|
| Procedural Comment | | | LUTHERAN - GXP2 | 07/21/2025 4:26 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment:

SARS-COV-2 nucleic acid has not been detected indicating the absence of COVID-19.

This test was performed using the Cepheid Xpert Xpress SARS-CoV-2/Flu/RSV RT-PCR test that has been given Emergency Use Authorization (EUA) by the United States Food and Drug Administration (FDA). These tests are considered definitive and do not need to be confirmed by another method.

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|------------------------|------------------------|
| Swab | MID-TURBinate NASAL SWAB / Unknown | | 07/21/2025 3:36 PM CDT | 07/21/2025 3:42 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Eliot Jia MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

TROPONIN I, HIGH SENSITIVITY - Final result (07/21/2025 2:43 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------|-------|-----------|-------------|------------------------|------------------------------------|-----------------------|
| Troponin I, High Sensitivity | 15 | <77 ng/L | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | 07/21/2025 2:43 PM CDT | 07/21/2025 2:56 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Eliot Jia MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (07/21/2025 2:43 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 9.4 | 4.2 - 11.0 K/mcL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------|-----------------|-------------------------|-------------|------------------------------|---|-----------------------|
| RBC | 5.01 | 4.50 - 5.90 mil/ mcL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 13.0 | 13.0 - 17.0 g/ dL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 41.2 | 39.0 - 51.0 % | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 82.2 | 78.0 - 100.0 fl | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.9 (L) | 26.0 - 34.0 pg | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 31.6 (L) | 32.0 - 36.5 g/ dL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.8 | 11.0 - 15.0 % | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 40.8 | 39.0 - 50.0 fL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 268 | 140 - 450 K/ mcL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 73 | % | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 21 | % | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 5 | % | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 1 | % | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|------------------------------------|----------------------------|-------------|------------------------------|---|-----------------------|
| Immature Granulocytes | 0 | % | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 6.8 | 1.8 - 7.7 K/mcL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 2.0 | 1.0 - 4.8 K/mcL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.5 | 0.3 - 0.9 K/mcL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.1 | 0.0 - 0.5 K/mcL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.0 | 0.0 - 0.2 K/mcL | | 07/21/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | | 07/21/2025 2:43 PM CDT | 07/21/2025 2:56 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/21/2025 3:02 PM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status |
|---------------------------------------|--------------------------|---------------|
| Eliot Jia MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | |
| | City/State/ZIP Code | |
| | Park Ridge, IL 60068 | |
| | Phone Number | |

PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/21/2025 2:43 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|------------------------------------|----------------------------|-------------|------------------------------|---|-----------------------|
| PTT | 28 | 22 - 32 sec | | 07/21/2025 3:16 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | | 07/21/2025 2:43 PM CDT | 07/21/2025 2:56 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/21/2025 3:16 PM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Eliot Jia MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PROTHROMBIN TIME (INR/PT) - Final result (07/21/2025 2:43 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|-----------------|----------------|-------------|------------------------|------------------------------------|-----------------------|
| Protome- PT | 12.4 (H) | 9.7 - 11.8 sec | | 07/21/2025 3:16 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.2 | | | 07/21/2025 3:16 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | 07/21/2025 2:43 PM CDT | 07/21/2025 2:56 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Eliot Jia MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) COMPREHENSIVE METABOLIC PANEL - Final result (07/21/2025 2:43 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Fasting Status | | | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 143 | 135 - 145 mmol/L | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 3.5 | 3.4 - 5.1 mmol/L | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 105 | 97 - 110 mmol/L | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 30 | 21 - 32 mmol/L | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------|-------------------|-------------|------------------------|------------------------------------|-----------------------|
| Anion Gap | 12 | 7 - 19 mmol/L | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 168 (H) | 70 - 99 mg/dL | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 10 | 6 - 20 mg/dL | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.74 | 0.67 - 1.17 mg/dL | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >60 mL/min/1.73m ² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation. | | | | | | |
| BUN/Cr | 14 | 7 - 25 | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.7 | 8.4 - 10.2 mg/dL | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Bilirubin, Total | 0.4 | 0.2 - 1.0 mg/dL | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GOT/AST | 19 | <=37 Units/L | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GPT/ALT | 28 | <64 Units/L | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Alkaline Phosphatase | 65 | 45 - 117 Units/L | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Albumin | 3.1 (L) | 3.4 - 5.0 g/dL | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Protein, Total | 6.8 | 6.4 - 8.2 g/dL | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Globulin | 3.7 | 2.0 - 4.0 g/dL | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| A/G Ratio | 0.8 (L) | 1.0 - 2.4 | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | 07/21/2025 2:43 PM CDT | 07/21/2025 2:56 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Eliot Jia MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) NT PROBNP - Final result (07/21/2025 2:43 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| NT-proBNP | 1,558 (H) | <=125 pg/mL | | 07/21/2025 3:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | 07/21/2025 2:43 PM CDT | 07/21/2025 2:56 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Eliot Jia MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

Electrocardiogram (ECG) (ELECTROCARDIOGRAM 12-LEAD) - Final result (07/21/2025 2:34 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------------|-------|-----------|-------------|---------------|--------------|-----------------------|
| Ventricular Rate EKG/ Min (BPM) | 82 | | | | MUSE | |
| Atrial Rate (BPM) | 82 | | | | MUSE | |
| PR-Interval (MSEC) | 130 | | | | MUSE | |
| QRS-Interval (MSEC) | 96 | | | | MUSE | |
| QT-Interval (MSEC) | 400 | | | | MUSE | |
| QTc | 467 | | | | MUSE | |
| P Axis (Degrees) | 62 | | | | MUSE | |
| R Axis (Degrees) | 46 | | | | MUSE | |
| T Axis (Degrees) | 115 | | | | MUSE | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|--|-----------|-------------|---------------|--------------|-----------------------|
| REPORT TEXT | <p>Normal sinus rhythm</p> <p>Possible Left atrial enlargement</p> <p>Possible Inferior infarct</p> <p>, age undetermined</p> <p>Abnormal ECG when compared with ECG of 19-Jul-2025 08:14,</p> <p>PREVIOUS ECG IS PRESENT</p> <p>Confirmed by GOLDSTEIN MD, SAMUEL (60104) on 7/21/2025 6:46:15 PM</p> | | | | MUSE | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|---------------|
| | | | 07/21/2025 2:34 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|-------------------------|----------------|----------------------------------|
| Eliot Jia MD | ECG ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code Phone Number |

(ABNORMAL) CBC NO DIFFERENTIAL (PERFORMABLE ONLY) - Final result (07/20/2025 4:19 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|---------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 12.5 (H) | 4.2 - 11.0 K/mcL | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.84 | 4.50 - 5.90 mil/mcL | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 12.4 (L) | 13.0 - 17.0 g/dL | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 39.2 | 39.0 - 51.0 % | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 81.0 | 78.0 - 100.0 fl | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| MCH | 25.6 (L) | 26.0 - 34.0 pg | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 31.6 (L) | 32.0 - 36.5 g/dL | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 261 | 140 - 450 K/mcL | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.7 | 11.0 - 15.0 % | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 39.8 | 39.0 - 50.0 fL | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/20/2025 4:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|------------------------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/20/2025 4:19 AM CDT | 07/20/2025 4:25 AM CDT |
| <hr/> | | | | |
| Narrative | | | | |
| Authorizing Provider | Result Type | Result Status | | |
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/20/2025 4:19 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------------|----------------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| PTT | 96 (HH) | 22 - 32 sec | | 07/20/2025 5:26 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| <hr/> | | | | | | |
| Specimen (Source) | | | | | | |
| Blood | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | 07/20/2025 4:19 AM CDT | 07/20/2025 4:25 AM CDT | | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/20/2025 5:26 AM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Andrew Chet DO | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PHOSPHORUS - Final result (07/20/2025 4:19 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------|-------|--------------------|-------------|------------------------------|---|-----------------------|
| Phosphorus | 2.8 | 2.4 - 4.7 mg/dL | | 07/20/2025 5:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|---------------------------|---------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/20/2025 4:19 AM CDT | 07/20/2025 4:25 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|-----------------------------|---------------|
| Kevin Lin DO | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

MAGNESIUM - Final result (07/20/2025 4:19 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|--------------------|-------------|------------------------------|---|-----------------------|
| Magnesium | 2.0 | 1.7 - 2.4 mg/dL | | 07/20/2025 5:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|---------------------------|---------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/20/2025 4:19 AM CDT | 07/20/2025 4:25 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|-----------------------------|---------------|
| Kevin Lin DO | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) BASIC METABOLIC PANEL - Final result (07/20/2025 4:19 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|-------|-----------|-------------|------------------------------|---|-----------------------|
| Fasting Status | | | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|----------------|-------------------|-------------|------------------------|------------------------------------|-----------------------|
| Sodium | 141 | 135 - 145 mmol/L | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 4.0 | 3.4 - 5.1 mmol/L | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 107 | 97 - 110 mmol/L | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 26 | 21 - 32 mmol/L | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 12 | 7 - 19 mmol/L | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 257 (H) | 70 - 99 mg/dL | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 11 | 6 - 20 mg/dL | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.69 | 0.67 - 1.17 mg/dL | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: eGFR results = or >60 mL/min/1.73m² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation.

| | | | | |
|---------|-----|------------------|------------------------|------------------------------------|
| BUN/Cr | 16 | 7 - 25 | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Calcium | 8.4 | 8.4 - 10.2 mg/dL | 07/20/2025 4:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/20/2025 4:19 AM CDT | 07/20/2025 4:25 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Joanna Maurice MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/19/2025 8:08 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------------|----------------------------------|---------------|----------------------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 409 (H) | 70 - 99 mg/dL | | 07/19/2025 8:08 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time | |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/19/2025 8:08 PM CDT | 07/19/2025 8:26 PM CDT | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | | Result Status | | | |
| Bhaven Shah MD | BKR LAB PT OF CARE TST UNSOLC | | Final Result | | | |
| Performing Organization | Address | | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 | | | |

TROPONIN I, HIGH SENSITIVITY - Final result (07/19/2025 6:08 PM CDT)

| Troponin I, High Sensitivity Final Result (07/19/2025 6:08 PM CDT) | | | | | |
|--|--------------------------|----------------------------------|----------------------------|------------------------|------------------------------------|
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At |
| Troponin I, High Sensitivity | 18 | <77 ng/L | | 07/19/2025 6:36 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/19/2025 6:08 PM CDT | 07/19/2025 6:14 PM CDT |
| Narrative | | | | | |
| Authorizing Provider | Result Type | Result Status | | | |
| Yannis Lafazanos DO | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/19/2025 8:36 AM CDT)

| Authorizing Provider | Result Type | Result Status |
|---------------------------------------|----------------------------------|----------------------|
| Bhaven Shah MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

Electrocardiogram (ECG) (ELECTROCARDIOGRAM 12-LEAD) - Final result (07/19/2025 8:14 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------------|---|-----------|-------------|---------------|--------------|-----------------------|
| Ventricular Rate EKG/ Min (BPM) | 137 | | | | MUSE | |
| Atrial Rate (BPM) | 137 | | | | MUSE | |
| PR-Interval (MSEC) | 114 | | | | MUSE | |
| QRS-Interval (MSEC) | 84 | | | | MUSE | |
| QT-Interval (MSEC) | 318 | | | | MUSE | |
| QTc | 480 | | | | MUSE | |
| P Axis (Degrees) | 73 | | | | MUSE | |
| R Axis (Degrees) | 118 | | | | MUSE | |
| T Axis (Degrees) | 43 | | | | MUSE | |
| REPORT TEXT | **Poor data quality, interpretation may be adversely affected** Sinus tachycardia Right atrial enlargement Left posterior fascicular block Abnormal ECG when compared with ECG of 17-Jul-2025 16:02, ST elevation now present in Inferior leads Nonspecific T wave abnormality no longer evident in Lateral leads Confirmed by PAVLOVIC MD, THOMAS (60115) on 7/19/2025 12:55:05 PM | | | | | MUSE |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|---------------|
| | | | 07/19/2025 8:14 AM CDT | |

Narrative

| | | | | |
|--|----------------------------------|----------------------------|------------------------|---------------|
| Authorizing Provider | Result Type | Result Status | | |
| Andrew Chet DO | ECG ORDERABLES | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | | |
| MUSE | | Phone Number | | |
| CT ARM (CTA UPPER EXTREMITY LEFT) - Final result (07/19/2025 8:12 AM CDT) | | | | |
| Anatomical Region | Laterality | Modality | | |
| Upper Extremity | Left | Computed Tomography | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 07/19/2025 1:56 PM CDT | |

Impressions

07/19/2025 2:15 PM CDT

1. Incompletely occlusive thrombus left distal subclavian into left axillary artery. Reconstitution with normal opacification of left brachial artery and forearm arteries. Underlying pathology, possibly vasculitis and/or dissection is difficult to discern in the setting of thrombosis and associated inflammation.
2. There is occlusion of the left external iliac artery, common femoral artery, and superficial femoral artery, appearing nonacute with hypertrophy of profunda femoris artery collateral pathways.
2. Increased left lung densities. Correlate for infectious or inflammatory sources.
3. Mediastinal lymphadenopathy as noted previously.

Electronically Signed by: MARSHALL L DINES, MD

Signed on: 7/19/2025 2:15 PM

Workstation ID: ARC-IL05-MDINE

Narrative

07/19/2025 2:15 PM CDT

Narrative

EXAM: CTA UPPER EXTREMITY LEFT

History: Acute ischemia left upper extremity

Comparison: vascular duplex July 17, 2025; chest CT July 17, 2025

Technique:

Axial CT images of the left upper extremity were obtained following the administration of IV contrast. Coronal and sagittal reconstructions, as well as 3-D reconstructions of arterial vasculature, were created and reviewed. Adjustment of the mA and/or kV was done according to the patient's size.

Contrast: A total of 100 cc of Omnipaque 350 was administered. Patient had acute onset of chest pain and shortness of breath following administration of IV contrast.

FINDINGS:

Left lower lobe opacities are increased. Also more notable are small peripheral densities left upper lobe.

There is mediastinal lymphadenopathy. No left pleural effusion or pneumothorax.

No acute visceral findings within the imaged aspect of the abdomen or pelvis. No acute osseous findings.

Vascular exam:

Thoracic aorta is nonaneurysmal and without atherosclerotic changes. Patent arch branch vessels.

Short segment (spanning roughly 4 cm), incompletely occlusive thrombosis of the distal left subclavian into left axillary artery. This segment of the vessel is inflamed with surrounding fat stranding. Vessel reconstitutes fully in the upper arm with normal opacification of brachial artery throughout the arm. Radial and ulnar arteries are patent throughout the forearm and into the hand. Hand vessels are suboptimally opacified for evaluation.

There is occlusion of the left external iliac artery, common femoral artery, and superficial femoral artery. There is hypertrophy of the left thigh collateral pathways.

Procedure Note

Marshall Dines, MD - 07/19/2025

Procedure Note

Formatting of this note might be different from the original.

EXAM: CTA UPPER EXTREMITY LEFT

History: Acute ischemia left upper extremity

Comparison: Vascular duplex July 17, 2025; chest CT July 17, 2025

Technique:

Axial CT images of the left upper extremity were obtained following the administration of IV contrast. Coronal and sagittal reconstructions, as well as 3-D reconstructions of arterial vasculature, were created and reviewed. Adjustment of the mA and/or kV was done according to the patient's size.

Contrast: A total of 100 cc of Omnipaque 350 was administered. Patient had acute onset of chest pain and shortness of breath following administration of IV contrast.

FINDINGS:

Left lower lobe opacities are increased. Also more notable are small peripheral densities left upper lobe.

There is mediastinal lymphadenopathy. No left pleural effusion or pneumothorax.

No acute visceral findings within the imaged aspect of the abdomen or pelvis. No acute osseous findings.

Vascular exam:

Thoracic aorta is nonaneurysmal and without atherosclerotic changes. Patent arch branch vessels.

Short segment (spanning roughly 4 cm), incompletely occlusive thrombosis of the distal left subclavian into left axillary artery. This segment of the vessel is inflamed with surrounding fat stranding. Vessel reconstitutes fully in the upper arm with normal opacification of brachial artery throughout the arm. Radial and ulnar arteries are patent throughout the forearm and into the hand. Hand vessels are suboptimally opacified for evaluation.

There is occlusion of the left external iliac artery, common femoral artery, and superficial femoral artery. There is hypertrophy of the left thigh collateral pathways.

IMPRESSION:

1. Incompletely occlusive thrombus left distal subclavian into left axillary artery. Reconstitution with normal opacification of left brachial artery and forearm arteries. Underlying pathology, possibly vasculitis and/or dissection is difficult to discern in the setting of thrombosis and associated inflammation.
2. There is occlusion of the left external iliac artery, common femoral artery, and superficial femoral artery, appearing nonacute with hypertrophy of profunda femoris artery collateral pathways.
2. Increased left lung densities. Correlate for infectious or inflammatory sources.
3. Mediastinal lymphadenopathy as noted previously.

Electronically Signed by: MARSHALL L DINES, MD

Signed on: 7/19/2025 2:15 PM

Workstation ID: ARC-IL05-MDINE

Authorizing Provider

Result Type

Result Status

Wissal Alsheikh MD

IMG CT PROCEDURES

Final Result

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/19/2025 5:29 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------------|----------------------------------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 338 (H) | 70 - 99 mg/dL | | 07/19/2025 5:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | BLOOD SPECIMEN / Unknown | | 07/19/2025 5:29 AM CDT | 07/19/2025 5:32 AM CDT | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Andrew Chet DO | BKR LAB PT OF CARE TST UNSOLC | Final Result | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (07/19/2025 2:41 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|----------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 10.5 | 4.2 - 11.0 K/mcL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.88 | 4.50 - 5.90 mil/ mcL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 12.5 (L) | 13.0 - 17.0 g/ dL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 39.6 | 39.0 - 51.0 % | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 81.1 | 78.0 - 100.0 fl | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.6 (L) | 26.0 - 34.0 pg | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 31.6 (L) | 32.0 - 36.5 g/ dL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.5 | 11.0 - 15.0 % | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|----------------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| RDW-SD | 39.7 | 39.0 - 50.0 fL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 265 | 140 - 450 K/mcL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 84 | % | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 10 | % | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 6 | % | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 0 | % | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 8.9 (H) | 1.8 - 7.7 K/mcL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 1.0 | 1.0 - 4.8 K/mcL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.6 | 0.3 - 0.9 K/mcL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.0 | 0.0 - 0.2 K/mcL | | 07/19/2025 3:03 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|------------------------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/19/2025 2:41 AM CDT | 07/19/2025 2:46 AM CDT |
| Narrative | | | | |
| Authorizing Provider | Result Type | Result Status | | |
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/19/2025 2:41 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|--------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 50 (H) | 22 - 32 sec | | 07/19/2025 3:24 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/19/2025 2:41 AM CDT | 07/19/2025 2:46 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/19/2025 3:24 AM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | | |
|------------------------------------|--------------------------|----------------------|--------------|--|
| Andrew Chet DO | BKR LAB BLOOD ORDERABLES | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

(ABNORMAL) COMPREHENSIVE METABOLIC PANEL - Final result (07/19/2025 2:41 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Fasting Status | | | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 138 | 135 - 145 mmol/L | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 4.5 | 3.4 - 5.1 mmol/L | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 106 | 97 - 110 mmol/L | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------|-------------------|-------------|------------------------|------------------------------------|-----------------------|
| Carbon Dioxide | 22 | 21 - 32 mmol/L | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 15 | 7 - 19 mmol/L | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 350 (H) | 70 - 99 mg/dL | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 12 | 6 - 20 mg/dL | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.68 | 0.67 - 1.17 mg/dL | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >60 mL/min/1.73m ² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation. | | | | | | |
| BUN/Cr | 18 | 7 - 25 | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.3 (L) | 8.4 - 10.2 mg/dL | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Bilirubin, Total | 0.4 | 0.2 - 1.0 mg/dL | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GOT/AST | 14 | <=37 Units/L | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GPT/ALT | 18 | <64 Units/L | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Alkaline Phosphatase | 79 | 45 - 117 Units/L | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Albumin | 3.2 (L) | 3.4 - 5.0 g/dL | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Protein, Total | 7.3 | 6.4 - 8.2 g/dL | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Globulin | 4.1 (H) | 2.0 - 4.0 g/dL | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------------------------|---------------|----------------------------|------------------------------|---|-----------------------|
| A/G Ratio | 0.8 (L) | 1.0 - 2.4 | | 07/19/2025 3:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | 07/19/2025 2:41 AM CDT | 07/19/2025 2:46 AM CDT | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | | Result Status | | | |
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | | Final Result | | | |
| Performing Organization | Address | | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 | | | |
| (ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/18/2025 9:51 PM CDT) | | | | | | |
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
| GLUCOSE, BEDSIDE - POINT OF CARE | 261 (H) | 70 - 99 mg/dL | | 07/18/2025 9:51 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | | Received Time |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/18/2025 9:51 PM CDT | 07/18/2025 9:54 PM CDT | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | | Result Status | | | |
| Andrew Chet DO | BKR LAB PT OF CARE TST UNSOLC | | Final Result | | | |
| Performing Organization | Address | | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 | | | |
| (ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/18/2025 8:43 PM CDT) | | | | | | |
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
| PTT | 49 (H) | 22 - 32 sec | | 07/18/2025 9:22 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | 07/18/2025 8:43 PM CDT | 07/18/2025 8:56 PM CDT | |
| Narrative | | | | | | |

Narrative

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Andrew Chet DO | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/18/2025 5:21 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 197 (H) | 70 - 99 mg/dL | | 07/18/2025 5:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/18/2025 5:21 PM CDT | 07/18/2025 5:37 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|-------------------------------|----------------------|
| Andrew Chet DO | BKR LAB PT OF CARE TST UNSOLC | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

TRANSTHORACIC ECHO (TTE) COMPLETE W/ DOPPLER & COLOR (07/18/2025 2:53 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------|--------|-----------|-------------|---------------|------------------------------|-----------------------|
| AV Stenosis Severity Text | Absent | | | | AURORA HEALTH CARE RADIOLOGY | |
| Aortic Valve Area | 2.16 | | | | AURORA HEALTH CARE RADIOLOGY | |
| AV Peak Gradient | 4.00 | | | | AURORA HEALTH CARE RADIOLOGY | |
| AV Mean Gradient | 2.00 | | | | AURORA HEALTH CARE RADIOLOGY | |
| AV Peak Velocity | 0.96 | | | | AURORA HEALTH CARE RADIOLOGY | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|--------------|-----------|-------------|---------------|---------------------------------------|-----------------------|
| AV Mean Velocity | 0.63 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Ejection Fraction | 41% | | | | AURORA HEALTH CARE RADIOLOGY | |
| AV VTI (Previously displayed as AVA) | 0.90 | | | | AURORA HEALTH CARE RADIOLOGY | |
| MV Peak E Velocity | 0.35 | | | | AURORA HEALTH CARE RADIOLOGY | |
| MV Peak A Velocity | 145 | | | | AURORA HEALTH CARE RADIOLOGY | |
| E Wave Deceleration Time | 11.930758988 | | | | AURORA HEALTH CARE RADIOLOGY | |
| MV E Wave Vel/E Tissue Vel Med | 7.51 | | | | AURORA HEALTH CARE RADIOLOGY | |
| MV E Tissue Vel Med | 7.18 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Tricuspid Valve Peak Regurgitation Velocity | 2.8 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Ascending Aorta | 8 | | | | AURORA HEALTH CARE RADIOLOGY | |
| TV Estimated Right Arterial Pressure | 12.7 | | | | AURORA HEALTH CARE RADIOLOGY | |
| RV End Systolic Longitudinal Strain Free Wall | 1.8 | | | | AURORA HEALTH CARE RADIOLOGY | |
| LV outflow tract | 15.8 | | | | AURORA HEALTH CARE RADIOLOGY | |
| LVOT VTI | 0.82 | | | | AURORA HEALTH CARE RADIOLOGY | |
| AVI LVOT Peak Gradient | 0.5 | | | | AURORA HEALTH CARE RADIOLOGY | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------------------------|----------------------------|-------------|------------------------|---------------------------------------|-----------------------|
| LV end diastolic posterior wall thickness 2D | 5.3 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Left Ventricular Internal Dimension in Diastole | 4.3 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Left Internal Dimenson in Systole | 0.9 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Interventricular Septum in End Diastole | 2.65 | | | | AURORA HEALTH CARE RADIOLOGY | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| | | | | 07/18/2025 2:24 PM CDT | | |

Impressions

AURORA HEALTH CARE RADIOLOGY - 07/19/2025 1:56 PM CDT

Advocate Lutheran General Hospital

1775 Dempster Street

Park Ridge, IL 60068

Transthoracic Echocardiogram (TTE)

Patient: Sajjad, Mohammad I Study Date/Time: Jul 18 2025 2:24PM
 MRN: 11141626 FIN#: 10639072103
 DOB: 05/23/1984 Ht/wt: 177cm 84.4kg
 Age: 41 BSA/BMI: 2.05m^2 26.9kg/m^2
 Gender: M Baseline BP: 111 / 71

Ordering Physician: Pepek, Amalia

Referring Physician: Pepek, Amalia ; Abbas, Zareena

Attending Physician: Bhaven Shah

Performing Physician: Edward Passen, MD

Diagnostic Physician: Edward Passen, MD

Sonographer: Kimberly Conjardi, RDCS

INDICATIONS: Edema. CHF.

STUDY CONCLUSIONS

SUMMARY:

1. Left ventricle: The cavity size is normal. wall thickness is normal. Systolic function is moderately reduced. The ejection fraction was measured by biplane method of disks. There is moderate diffuse hypokinesis. Doppler parameters are consistent with abnormal left ventricular relaxation and increased filling pressure (grade 2 diastolic dysfunction). The ejection fraction is 41%.
2. Aortic valve: Velocity is within the normal range. There is no stenosis. There is no regurgitation.
3. Mitral valve: Inflow velocity is within the normal range. There is no evidence for stenosis. There is mild regurgitation.
4. Right ventricle: The cavity size is normal. Systolic function is normal by visual assessment.
5. Right atrium: The estimated central venous pressure is 8mm Hg.
6. Pericardium, extracardiac: There is no pericardial effusion.

STUDY DATA: Procedure: A transthoracic echocardiogram was performed. Image quality was adequate. M-mode, complete 2D, complete spectral Doppler, and color Doppler. Study status: Routine. Study completion: There were no complications.

FINDINGS

BASELINE ECG: Normal sinus rhythm.

LEFT VENTRICLE: The cavity size is normal. wall thickness is normal. Systolic function is moderately reduced. There is moderate diffuse hypokinesis. The ejection fraction was measured by biplane method of disks. The ejection

Impressions

fraction is 41%. E/A is increased. The deceleration time of the early transmitral flow velocity is normal. The pulmonary vein flow pattern is normal. Isovolumic relaxation time is normal. The tissue Doppler parameters are abnormal. Doppler parameters are consistent with abnormal left ventricular relaxation and increased filling pressure (grade 2 diastolic dysfunction).

AORTIC VALVE: The annulus is normal. The valve is trileaflet. The leaflets are normal thickness. Cusp separation is normal. Mobility is not restricted. Velocity is within the normal range. There is no stenosis. There is no regurgitation. The mean systolic gradient is 2mm Hg. The peak systolic gradient is 4mm Hg. The LVOT to aortic valve VTI ratio is 0.85. The valve area is 2.2cm^2 . The valve area index is $1.05\text{cm}^2/\text{m}^2$. The ratio of LVOT to aortic valve peak velocity is 0.85. The valve area is 2.2cm^2 . The valve area index is $1.05\text{cm}^2/\text{m}^2$.

AORTA:

Aortic root: The root is normal-sized.

MITRAL VALVE: The annulus is normal. The leaflets are normal thickness. Leaflet separation is normal. Mobility is not restricted. No evidence for prolapse. Inflow velocity is within the normal range. There is no evidence for stenosis. There is mild regurgitation. The peak diastolic gradient is 3mm Hg.

atrial septum: Color doppler shows no obvious shunt.

left atrium: The atrium is normal in size.

right ventricle: The cavity size is normal. Systolic function is normal by visual assessment.

ventricular septum: Thickness is normal. There is no evidence of a ventricular septal defect.

pulmonic valve: The leaflets are normal thickness. There is no regurgitation.

tricuspid valve: The leaflets are normal thickness. Leaflet separation is normal. Inflow velocity is within the normal range. There is no evidence for stenosis. There is no regurgitation.

right atrium: The atrium is normal in size. The estimated central venous pressure is 8mm Hg.

pericardium: There is no pericardial effusion.

Systemic Veins:

Inferior vena cava: The IVC is normal-sized. Respirophasic diameter changes are blunted (< 50%).

Measurements

| Left ventricle Ref 03/20/2021 | value | Ref | 03/20/2021 | Left atrium | value |
|-------------------------------------|--------------------------------|-----------|------------|----------------------|--------------------------------|
| EDD, LAX chord ≤ 20 14 | (N) 5.3 cm | 4.2 - 5.8 | 4.6 | Area ES, A4C | (N) 16 cm^2 |
| ESD, LAX chord | (H) 4.3 cm | 2.5 - 4.0 | 2.8 | Area/bsa ES, A4C | 7.56 cm^2/m^2 |
| EDD/bsa, LAX chord 16 | (N) 2.6 cm/m^2 | 2.2 - 3.0 | 2.2 | Area ES, A2C | 17 cm^2 |
| ESD/bsa, LAX chord | (N) 2.1 cm/m^2 | 1.3 - 2.1 | 1.3 | Area/bsa ES, A2C | 8.48 cm^2/m^2 |
| PW, ED, LAX | (L) 0.5 cm | 0.6 - 1.0 | 1.0 | SI dim, A2C | 5.1 cm |
| EDD major ax, A4C 18 - 58 28 | 8.2 cm | ----- | 7.7 | vol, ES, 1-p A4C | (N) 41 ml |
| ESD major ax, A4C 12 - 37 13 | 7.0 cm | ----- | 6.3 | vol/bsa, ES, 1-p A4C | (N) 20 ml/m^2 |
| FS major axis, A4C 18 - 58 42 | 15 % | ----- | 18 | vol, ES, 1-p A2C | (N) 48 ml |
| EDD/bsa major ax, A4C 11 - 43 20 | 4.0 cm/m^2 | ----- | 3.6 | vol/bsa, ES, 1-p A2C | (N) 23 ml/m^2 |
| ESD/bsa major ax, A4C 35 | 3.4 cm/m^2 | ----- | 3.0 | vol, ES, 2-p | 45 ml |
| EDA, A4C 16 - 34 17 | 33.5 cm^2 | ----- | 24.5 | vol/bsa, ES, 2-p | (N) 22 ml/m^2 |
| ESA, A4C | 21.5 cm^2 | ----- | 13.4 | Right atrium | |
| FAC, A4C Ref 03/20/2021 | 36 % | ----- | 45 | value | |
| IVS, ED 2.6 - 4.4 ----- | (N) 0.9 cm | 0.6 - 1.0 | 1.0 | ML dim, ES, A4C | (N) 3.2 cm |
| PW, ED | (L) 0.5 cm | 0.6 - 1.0 | 1.0 | ML dim/bsa, ES, A4C | (N) 1.6 cm/m^2 |

| Impressions | | | | | | | |
|------------------------------------|----------|--------|------------|------------------------|----------------------|--------|----------|
| 1.3 - 2.5 ----- | | | | | | | |
| IVS/PW, ED | (N) 1.8 | m1 | ----- | 1 | | | |
| EDV Ref 03/20/2021 | (N) 149 | m1 | 62 - 150 | 97 | Aortic valve | | value |
| ESV ----- 1.3 | (H) 80 | m1 | 21 - 61 | 22 | Peak v, S | 1 | m/sec |
| EF ----- 0.93 | (L) 41 | % | 52 - 72 | 63 | Mean v, S | 0.63 | m/sec |
| SV ----- 4 | 52 | m1 | ----- | 68 | Mean grad, S | 2 | mm Hg |
| EDV/bsa ----- 7 | (N) 73 | m1/m^2 | 34 - 74 | 46 | Peak grad, S | 4 | mm Hg |
| ESV/bsa ----- 0.81 | (H) 39 | m1/m^2 | 11 - 31 | 10 | LVOT/AV, VTI ratio | 0.85 | |
| SV/bsa ----- 2.8 | 25 | m1/m^2 | ----- | 32 | AVA, VTI | 2.2 | cm^2 |
| SV, 1-p A4C ----- 1.32 | 57 | m1 | ----- | 44 | AVA/bsa, VTI | 1.05 | cm^2/m^2 |
| SV/bsa, 1-p A4C ----- | 28 | m1/m^2 | ----- | 21 | LVOT/AV, Vpeak ratio | 0.85 | |
| EDV, 2-p ----- | (N) 102 | m1 | 62 - 150 | 60 | AVA, Vmax | 2.2 | cm^2 |
| ESV, 2-p ----- | (N) 61 | m1 | 21 - 61 | 22 | AVA/bsa, Vmax | 1.05 | cm^2/m^2 |
| EF, 2-p ----- | (L) 41 | % | 52 - 72 | ----- | Mitral valve | | value |
| SV, 2-p Ref 03/20/2021 | (N) 41 | m1 | ----- | 38 | | | |
| EDV/bsa, 2-p ----- 1.08 | (N) 50 | m1/m^2 | 34 - 74 | 28 | Peak E | 0.9 | m/sec |
| ESV/bsa, 2-p ----- 0.52 | (N) 30 | m1/m^2 | 11 - 31 | 10 | Peak A | 0.35 | m/sec |
| SV/bsa, 2-p ----- 211 | 20.2 | m1/m^2 | ----- | 17.9 | Decel time | 145 | ms |
| IVRT ----- 5 | 71 | ms | ----- | 74 | Peak grad, D | 3 | mm Hg |
| E', lat ann, TDI ----- | (L) 7.2 | cm/sec | >=10.0 | 13.9 | Peak E/A ratio | 2.6 | |
| E/e', lat ann, TDI ----- | (N) 12 | cm/sec | <=13 | ----- | | | |
| E', med ann, TDI Ref 03/20/2021 | (N) 7.5 | cm/sec | >=7.0 | 8.4 | Aortic root | | value |
| E/e', med ann, TDI 2.3 - 3.5 ----- | 12 | ----- | ----- | S-T junct diam, ED | (N) 2.8 | cm | |
| E', avg, TDI 1.1 - 1.9 ----- | 7.345 | cm/sec | ----- | S-T junct diam/bsa, ED | (N) 1.4 | cm/m^2 | |
| E/e', avg, TDI Ref 03/20/2021 | (N) 12 | ----- | <=14 | ----- | Ascending aorta | | value |
| LVOT 2.2 - 3.8 ----- | value | Ref | 03/20/2021 | AAo AP diam, ED | (N) 2.8 | cm | |
| Diam, S 1.1 - 1.9 ----- | 1.8 | cm | ----- | AAo AP diam/bsa, ED | (N) 1.4 | cm/m^2 | |
| Area ----- | 2.5 | cm^2 | ----- | 3.5 | | | |
| Peak vel, s Ref 03/20/2021 | 0.82 | m/sec | ----- | Systemic veins | | value | |
| Peak grad, S ----- 8 | 3 | mm Hg | ----- | Estimated CVP | 8 | mm Hg | |
| Right ventricle Ref 03/20/2021 | value | Ref | 03/20/2021 | Pulmonary veins | | value | |
| EDD minor ax, A4C base ----- | (N) 3.3 | cm | 2.5 - 4.1 | Peak v, S | 0.55 | m/sec | |
| TAPSE, MM ----- | (N) 2.7 | cm | >=1.7 | Peak v, D | 0.39 | m/sec | |
| S' lateral ----- | (N) 12.7 | cm/sec | 6.0 - 13.4 | Peak S/D ratio | 1.42 | | |
| | | | | S/D ratio, VTI | 1.4 | | |
| | | | | Peak A rev v | 0.25 | m/sec | |

Legend:

(L) and (H) mark values outside specified reference range.

(N) marks values inside specified reference range.

Prepared and electronically signed by

Edward Passen, MD

07/19/2025 13:55

Narrative

Advocate Lutheran General Hospital

1775 Dempster Street

Park Ridge, IL 60068

Transthoracic Echocardiogram (TTE)

Patient: Sajjad, Mohammad I Study Date/Time: Jul 18 2025 2:24PM

MRN: 11141626 FIN#: 10639072103

DOB: 05/23/1984 Ht/Wt: 177cm 84.4kg

Age: 41 BSA/BMI: 2.05m² 26.9kg/m²

Gender: M Baseline BP: 111 / 71

Ordering Physician: Pepek, Amalia

Referring Physician: Pepek, Amalia ; Abbas, Zareena

Attending Physician: Bhaven Shah

Performing Physician: Edward Passen, MD

Diagnostic Physician: Edward Passen, MD

Sonographer: Kimberly Conjardi, RDCS

INDICATIONS: Edema. CHF.

STUDY CONCLUSIONS

SUMMARY:

1. Left ventricle: The cavity size is normal. Wall thickness is normal.

Systolic function is moderately reduced. The ejection fraction was measured by biplane method of disks. There is moderate diffuse hypokinesis. Doppler parameters are consistent with abnormal left ventricular relaxation and increased filling pressure (grade 2 diastolic dysfunction). The ejection fraction is 41%.

2. Aortic valve: Velocity is within the normal range. There is no stenosis. There is no regurgitation.

3. Mitral valve: Inflow velocity is within the normal range. There is no evidence for stenosis. There is mild regurgitation.

4. Right ventricle: The cavity size is normal. Systolic function is normal by visual assessment.

5. Right atrium: The estimated central venous pressure is 8mm Hg.

6. Pericardium, extracardiac: There is no pericardial effusion.

STUDY DATA: Procedure: A transthoracic echocardiogram was performed. Image quality was adequate. M-mode, complete 2D, complete spectral Doppler, and color Doppler. Study status: Routine. Study completion: There were no complications.

FINDINGS

BASELINE ECG: Normal sinus rhythm.

LEFT VENTRICLE: The cavity size is normal. Wall thickness is normal. Systolic function is moderately reduced. There is moderate diffuse hypokinesis. The ejection fraction was measured by biplane method of disks. The ejection fraction is 41%. E/A is increased. The deceleration time of the early transmitral flow velocity is normal. The pulmonary vein flow pattern is normal. Isovolumic relaxation time is normal. The tissue Doppler parameters are abnormal. Doppler parameters are consistent with abnormal left ventricular relaxation and increased filling pressure (grade 2 diastolic dysfunction).

AORTIC VALVE: The annulus is normal. The valve is trileaflet. The leaflets are normal thickness. Cusp separation is normal. Mobility is not restricted. Velocity is within the normal range. There is no stenosis. There is no regurgitation. The mean systolic gradient is 2mm Hg. The peak systolic gradient is 4mm Hg. The LVOT to aortic valve VTI ratio is 0.85. The valve area is 2.2cm². The valve area index is 1.05cm²/m². The ratio of LVOT to aortic

Procedure Note

valve peak velocity is 0.85. The valve area is 2.2cm². The valve area index is 1.05cm²/m².

AORTA:

Aortic root: The root is normal-sized.

MITRAL VALVE: The annulus is normal. The leaflets are normal thickness. Leaflet separation is normal. Mobility is not restricted. No evidence for prolapse. Inflow velocity is within the normal range. There is no evidence for stenosis. There is mild regurgitation. The peak diastolic gradient is 3mm Hg.

atrial septum: Color doppler shows no obvious shunt.

LEFT ATRIUM: The atrium is normal in size.

RIGHT VENTRICLE: The cavity size is normal. Systolic function is normal by visual assessment.

VENTRICULAR SEPTUM: Thickness is normal. There is no evidence of a ventricular septal defect.

PULMONIC VALVE: The leaflets are normal thickness. There is no regurgitation.

TRICUSPID VALVE: The leaflets are normal thickness. Leaflet separation is normal. Inflow velocity is within the normal range. There is no evidence for stenosis. There is no regurgitation.

RIGHT ATRIUM: The atrium is normal in size. The estimated central venous pressure is 8mm Hg.

PERICARDIUM: There is no pericardial effusion.

SYSTEMIC VEINS:

Inferior vena cava: The IVC is normal-sized. Respirophasic diameter changes are blunted (< 50%).

Measurements

Left ventricle Value Ref 03/20/2021 Left atrium Value Ref 03/20/2021

EDD, LAX chord (N) 5.3 cm 4.2 - 5.8 4.6 Area ES, A4C (N) 16 cm² <=20 14

ESD, LAX chord (H) 4.3 cm 2.5 - 4.0 2.8 Area/bsa ES, A4C 7.56 cm²/m² -----

EDD/bsa, LAX chord (N) 2.6 cm/m² 2.2 - 3.0 2.2 Area ES, A2C 17 cm² ----- 16

ESD/bsa, LAX chord (N) 2.1 cm/m² 1.3 - 2.1 1.3 Area/bsa ES, A2C 8.48 cm²/m² -----

PW, ED, LAX (L) 0.5 cm 0.6 - 1.0 1.0 SI dim, A2C 5.1 cm -----

EDD major ax, A4C 8.2 cm ----- 7.7 Vol, ES, 1-p A4C (N) 41 ml 18 - 58 28

ESD major ax, A4C 7.0 cm ----- 6.3 Vol/bsa, ES, 1-p A4C (N) 20 ml/m² 12 - 37 13

FS major axis, A4C 15 % ----- 18 Vol, ES, 1-p A2C (N) 48 ml 18 - 58 42

EDD/bsa major ax, A4C 4.0 cm/m² ----- 3.6 Vol/bsa, ES, 1-p A2C (N) 23 ml/m² 11 - 43 20

ESD/bsa major ax, A4C 3.4 cm/m² ----- 3.0 Vol, ES, 2-p 45 ml ----- 35

EDA, A4C 33.5 cm² ----- 24.5 Vol/bsa, ES, 2-p (N) 22 ml/m² 16 - 34 17

ESA, A4C 21.5 cm² ----- 13.4

FAC, A4C 36 % ----- 45 Right atrium Value Ref 03/20/2021

IVS, ED (N) 0.9 cm 0.6 - 1.0 1.0 ML dim, ES, A4C (N) 3.2 cm 2.6 - 4.4 -----

PW, ED (L) 0.5 cm 0.6 - 1.0 1.0 ML dim/bsa, ES, A4C (N) 1.6 cm/m² 1.3 - 2.5 -----

IVS/PW, ED 1.8 ----- 1

EDV (N) 149 ml 62 - 150 97 Aortic valve Value Ref 03/20/2021

ESV (H) 80 ml 21 - 61 22 Peak v, S 1 m/sec ----- 1.3

EF (L) 41 % 52 - 72 63 Mean v, S 0.63 m/sec ----- 0.93

SV 52 ml ----- 68 Mean grad, S 2 mm Hg ----- 4

EDV/bsa (N) 73 ml/m² 34 - 74 46 Peak grad, S 4 mm Hg ----- 7

ESV/bsa (H) 39 ml/m² 11 - 31 10 LVOT/AV, VTI ratio 0.85 ----- 0.81

SV/bsa 25 ml/m² ----- 32 AVA, VTI 2.2 cm² ----- 2.8

SV, 1-p A4C 57 ml ----- 44 AVA/bsa, VTI 1.05 cm²/m² ----- 1.32

SV/bsa, 1-p A4C 28 ml/m² ----- 21 LVOT/AV, Vpeak ratio 0.85 -----

EDV, 2-p (N) 102 ml 62 - 150 60 AVA, Vmax 2.2 cm² -----

ESV, 2-p (N) 61 ml 21 - 61 22 AVA/bsa, Vmax 1.05 cm²/m² -----

Procedure Note

EF, 2-p (L) 41 % 52 - 72 -----
 SV, 2-p 41 ml ----- 38 Mitral valve Value Ref 03/20/2021
 EDV/bsa, 2-p (N) 50 ml/m^2 34 - 74 28 Peak E 0.9 m/sec ----- 1.08
 ESV/bsa, 2-p (N) 30 ml/m^2 11 - 31 10 Peak A 0.35 m/sec ----- 0.52
 SV/bsa, 2-p 20.2 ml/m^2 ----- 17.9 Decel time 145 ms ----- 211
 IVRT 71 ms ----- 74 Peak grad, D 3 mm Hg ----- 5
 E', lat ann, TDI (L) 7.2 cm/sec >=10.0 13.9 Peak E/A ratio 2.6 -----
 E/e', lat ann, TDI (N) 12 <=13 -----
 E', med ann, TDI (N) 7.5 cm/sec >=7.0 8.4 Aortic root Value Ref 03/20/2021
 E/e', med ann, TDI 12 ----- S-T junct diam, ED (N) 2.8 cm 2.3 - 3.5 -----
 E', avg, TDI 7.345 cm/sec ----- S-T junct diam/bsa, ED (N) 1.4 cm/m^2 1.1 - 1.9 -----
 E/e', avg, TDI (N) 12 <=14 -----
 Ascending aorta Value Ref 03/20/2021
 LVOT Value Ref 03/20/2021 AAo AP diam, ED (N) 2.8 cm 2.2 - 3.8 -----
 Diam, S 1.8 cm ----- AAo AP diam/bsa, ED (N) 1.4 cm/m^2 1.1 - 1.9 -----
 Area 2.5 cm^2 ----- 3.5
 Peak vel, S 0.82 m/sec ----- Systemic veins Value Ref 03/20/2021
 Peak grad, S 3 mm Hg ----- Estimated CVP 8 mm Hg ----- 8

Right ventricle Value Ref 03/20/2021 Pulmonary veins Value Ref 03/20/2021
 EDD minor ax, A4C base (N) 3.3 cm 2.5 - 4.1 ----- Peak v, S 0.55 m/sec -----
 TAPSE, MM (N) 2.7 cm >=1.7 ----- Peak v, D 0.39 m/sec -----
 S' lateral (N) 12.7 cm/sec 6.0 - 13.4 ----- Peak S/D ratio 1.42 -----
 S/D ratio, VTI 1.4 -----
 Peak A rev v 0.25 m/sec -----

Legend:

(L) and (H) mark values outside specified reference range.

(N) marks values inside specified reference range.

Prepared and electronically signed by

Edward Passen, MD

07/19/2025 13:55

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------|--------------------|-----------------------|--------------|
| Amalia Pepek CNP | CV ECHO ORDERABLES | Edited Result - Final | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| AURORA HEALTH CARE RADIOLOGY | | | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/18/2025 12:15 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---------------|-------------|-------------|-------------------------|------------------------------------|-----------------------|
| PTT | 40 (H) | 22 - 32 sec | | 07/18/2025 12:37 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/18/2025 12:15 PM CDT | 07/18/2025 12:19 PM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/18/2025 12:37 PM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Andrew Chet DO | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization Address | | City/State/ZIP Code | | Phone Number | |
|---|----------------------------------|----------------------------|-------------|-------------------------|------------------------------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | | 1775 Dempster Street | | Park Ridge, IL 60068 | |
| (ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/18/2025 12:04 PM CDT) | | | | | |
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At |
| GLUCOSE, BEDSIDE - POINT OF CARE | 253 (H) | 70 - 99 mg/dL | | 07/18/2025 12:04 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/18/2025 12:04 PM CDT | 07/18/2025 12:10 PM CDT |
| Narrative | | | | | |
| Authorizing Provider | Result Type | Result Status | | | |
| Andrew Chet DO | BKR LAB PT OF CARE TST UNSOLC | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

| (ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (07/18/2025 8:39 AM CDT) | | | | | |
|---|-----------------|-------------------------|-------------|------------------------|------------------------------------|
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At |
| WBC | 5.4 | 4.2 - 11.0 K/mcL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| RBC | 5.33 | 4.50 - 5.90 mil/ mcL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| HGB | 13.4 | 13.0 - 17.0 g/ dL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| HCT | 42.2 | 39.0 - 51.0 % | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| MCV | 79.2 | 78.0 - 100.0 fl | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| MCH | 25.1 (L) | 26.0 - 34.0 pg | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| MCHC | 31.8 (L) | 32.0 - 36.5 g/ dL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------------|-----------------|-----------------|-------------|------------------------------|---|-----------------------|
| RDW-CV | 13.3 | 11.0 - 15.0 % | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 37.8 (L) | 39.0 - 50.0 fL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 255 | 140 - 450 K/mcL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 77 | % | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 18 | % | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 5 | % | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 0 | % | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 4.2 | 1.8 - 7.7 K/mcL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 1.0 | 1.0 - 4.8 K/mcL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.3 | 0.3 - 0.9 K/mcL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| Absolute Immature Granulocytes | 0.0 | 0.0 - 0.2 K/mcL | | 07/18/2025 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/18/2025 8:39 AM CDT | 07/18/2025 8:45 AM CDT | | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | Final Result | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |
| (ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/18/2025 8:39 AM CDT) | | | | | | |
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
| PTT | 152 (HH) | 22 - 32 sec | | 07/18/2025 9:21 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/18/2025 8:39 AM CDT | 07/18/2025 8:45 AM CDT | | |
| Narrative | | | | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/18/2025 9:21 AM CDT | | | | | | |
| PTT Therapeutic Range: 45-65 seconds. | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | Final Result | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |
| (ABNORMAL) COMPREHENSIVE METABOLIC PANEL - Final result (07/18/2025 8:39 AM CDT) | | | | | | |
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
| Fasting Status | | | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 135 | 135 - 145 mmol/L | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|-----------------|-------------------|-------------|------------------------|------------------------------------|-----------------------|
| Potassium | 4.5 | 3.4 - 5.1 mmol/L | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 104 | 97 - 110 mmol/L | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 25 | 21 - 32 mmol/L | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 11 | 7 - 19 mmol/L | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 295 (H) | 70 - 99 mg/dL | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 11 | 6 - 20 mg/dL | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.59 (L) | 0.67 - 1.17 mg/dL | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >60 mL/min/1.73m ² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation. | | | | | | |
| BUN/Cr | 19 | 7 - 25 | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.5 | 8.4 - 10.2 mg/dL | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Bilirubin, Total | 0.7 | 0.2 - 1.0 mg/dL | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GOT/AST | 15 | <=37 Units/L | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GPT/ALT | 21 | <64 Units/L | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Alkaline Phosphatase | 73 | 45 - 117 Units/L | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Albumin | 3.1 (L) | 3.4 - 5.0 g/dL | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|----------------|----------------|-------------|------------------------|------------------------------------|-----------------------|
| Protein, Total | 7.5 | 6.4 - 8.2 g/dL | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Globulin | 4.4 (H) | 2.0 - 4.0 g/dL | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| A/G Ratio | 0.7 (L) | 1.0 - 2.4 | | 07/18/2025 9:06 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/18/2025 8:39 AM CDT | 07/18/2025 8:45 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/18/2025 5:49 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 327 (H) | 70 - 99 mg/dL | | 07/18/2025 5:49 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | | Received Time | |
| Blood | BLOOD SPECIMEN / Unknown | | 07/18/2025 5:49 AM CDT | | 07/18/2025 5:53 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|-------------------------------|----------------------|
| Andrew Chet DO | BKR LAB PT OF CARE TST UNSOLC | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/18/2025 12:43 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---------------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 35 (H) | 22 - 32 sec | | 07/18/2025 1:13 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/18/2025 12:43 AM CDT | 07/18/2025 12:47 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/18/2025 1:13 AM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Joanna Maurice MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/17/2025 11:36 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 261 (H) | 70 - 99 mg/dL | | 07/17/2025 11:36 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/17/2025 11:36 PM CDT | 07/17/2025 11:39 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|-------------------------------|----------------------|--------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/17/2025 6:18 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---------------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 58 (H) | 22 - 32 sec | | 07/17/2025 6:45 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/17/2025 6:18 PM CDT | 07/17/2025 6:24 PM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/17/2025 6:45 PM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Joanna Maurice MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/17/2025 5:24 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 151 (H) | 70 - 99 mg/dL | | 07/17/2025 5:24 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: Notified RN

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/17/2025 5:24 PM CDT | 07/17/2025 5:27 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------------------|---------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

Electrocardiogram (ECG) (ELECTROCARDIOGRAM 12-LEAD) - Final result (07/17/2025 4:02 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------------|-------|-----------|-------------|---------------|--------------|-----------------------|
| Ventricular Rate EKG/ Min (BPM) | 100 | | | | MUSE | |
| Atrial Rate (BPM) | 100 | | | | MUSE | |
| PR-Interval (MSEC) | 130 | | | | MUSE | |
| QRS-Interval (MSEC) | 98 | | | | MUSE | |
| QT-Interval (MSEC) | 374 | | | | MUSE | |
| QTc | 482 | | | | MUSE | |
| P Axis (Degrees) | 62 | | | | MUSE | |
| R Axis (Degrees) | 97 | | | | MUSE | |
| T Axis (Degrees) | -16 | | | | MUSE | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|---|-----------|-------------|---------------|--------------|-----------------------|
| REPORT TEXT | <p>Normal sinus rhythm Rightward axis voltage criteria for left ventricular hypertrophy QTcB >= 480 msec N/S inferolat ST-T changes Abnormal ECG when compared with ECG of 20-Aug-2024 09:58, voltage criteria for left ventricular hypertrophy now present N/S T wave inversion now evident in Inferior leads and v5-v6 Confirmed by HERSH MD, STEVEN (60106) on 7/17/2025 6:45:23 PM</p> | | | | MUSE | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|---------------|
| | | | 07/17/2025 4:02 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------|---------------|
| George K | ECG ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|-------------------------|---------|---------------------|--------------|
| MUSE | | | |

CT CHEST (CT CHEST WO CONTRAST) - Final result (07/17/2025 2:32 PM CDT)

| Anatomical Region | Laterality | Modality |
|-------------------|------------|---------------------|
| Chest | | Computed Tomography |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|---------------|
| | | | 07/17/2025 3:04 PM CDT | |

Impressions

07/17/2025 3:10 PM CDT

1. No aneurysm.
2. Clustered nodules in the left upper lobe, likely infectious or inflammatory. No follow-up needed if patient is low-risk (and has no known or suspected primary neoplasm). Non-contrast chest CT can be considered in 12 months if patient is high-risk (Per Fleischner Society guidelines).
3. Mildly enlarged high right paratracheal lymph node, nonspecific.

Electronically Signed by: DANIEL V WEINSTEIN, M.D.

Signed on: 7/17/2025 3:10 PM

Workstation ID: ARC-IL05-DWEIN

Narrative

07/17/2025 3:10 PM CDT

CT CHEST WO CONTRAST, 7/17/2025 2:25 PM

CLINICAL INFORMATION: Male 41 years old; screen for any aneurysm as possible embolic source

screen for any aneurysm as possible embolic source

COMPARISON: 8/20/2024

TECHNIQUE:

Multiple contiguous axial sections of the chest were acquired without the use of intravenous contrast. Coronal and sagittal reformatted images were also provided. 3D MIP reconstructions reviewed. Adjustment of the mA and/or kV was done according to the patient's size.

FINDINGS:

LUNGS AND PLEURA: Central airways are patent. No consolidation. Clustered nodules in the left upper lobe, new from prior exam. These measure up to 3 mm..

MEDIASTINUM AND HILA: Mildly enlarged high right paratracheal lymph node, measuring up to 15 mm, previously partially obscured by contrast bolus in the superior vena cava. Additional subcentimeter mediastinal lymph nodes are present.

HEART: No significant abnormality noted.

CORONARY ARTERY CALCIFICATION: None.

VESSELS: No significant abnormality noted.

CHEST WALL: No significant abnormality noted.

BONES: There are mild spinal degenerative changes.

UPPER ABDOMEN: Hepatic steatosis. Bilateral renal pelviectasis.

Procedure Note

Daniel Weinstein, MD - 07/17/2025

Procedure Note

Formatting of this note might be different from the original.

CT CHEST WO CONTRAST, 7/17/2025 2:25 PM

CLINICAL INFORMATION: Male 41 years old; screen for any aneurysm as possible embolic source
screen for any aneurysm as possible embolic source

COMPARISON: 8/20/2024

TECHNIQUE:

Multiple contiguous axial sections of the chest were acquired without the use of intravenous contrast. Coronal and sagittal reformatted images were also provided. 3D MIP reconstructions reviewed. Adjustment of the mA and/or kV was done according to the patient's size.

FINDINGS:

LUNGS AND PLEURA: Central airways are patent. No consolidation. Clustered nodules in the left upper lobe, new from prior exam. These measure up to 3 mm..

MEDIASTINUM AND HILA: Mildly enlarged high right paratracheal lymph node, measuring up to 15 mm, previously partially obscured by contrast bolus in the superior vena cava. Additional subcentimeter mediastinal lymph nodes are present.

HEART: No significant abnormality noted.

CORONARY ARTERY CALCIFICATION: None.

VESSELS: No significant abnormality noted.

CHEST WALL: No significant abnormality noted.

BONES: There are mild spinal degenerative changes.

UPPER ABDOMEN: Hepatic steatosis. Bilateral renal pelviectasis.

IMPRESSION:

1. No aneurysm.
2. Clustered nodules in the left upper lobe, likely infectious or inflammatory. No follow-up needed if patient is low-risk (and has no known or suspected primary neoplasm). Non-contrast chest CT can be considered in 12 months if patient is high-risk (Per Fleischner Society guidelines).
3. Mildly enlarged high right paratracheal lymph node, nonspecific.

Electronically Signed by: DANIEL V WEINSTEIN, M.D.

Signed on: 7/17/2025 3:10 PM

Workstation ID: ARC-IL05-DWEIN

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Robert Weiss MD | IMG CT PROCEDURES | Final Result |

Ultrasound Vascular Procedure (US VASC UPPER EXTREMITY ARTERIES DUPLEX LEFT) - Final result (07/17/2025 1:11 PM CDT)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|---------------|
| | | | 07/17/2025 2:10 PM CDT | |

Impressions

AURORA HEALTH CARE RADIOLOGY - 07/17/2025 2:14 PM CDT

Impressions

Abnormal study with a nonocclusive arterial thrombus in the left distal subclavian artery and an occlusive thrombus in the left axillary artery. Reconstituted low velocity monophasic flow through a collateral is noted in the left brachial artery. The left radial and ulnar arteries are patent with low velocity monophasic flow.

Electronically Signed by: RAJARAM POLUDASU, M.D.

Signed on: 7/17/2025 2:14 PM

Workstation ID: ARC-IL05-RPOLU

Narrative

AURORA HEALTH CARE RADIOLOGY - 07/17/2025 2:14 PM CDT

Left upper extremity arterial duplex study.

INDICATION: Left upper extremity pain and diminished peripheral pulses.

PROCEDURE: Noninvasive left upper extremity arterial study was performed with a duplex scanner. Real-time grayscale images, color flow images and spectral waveforms were obtained. This exam was performed by Elizabeth Scigala, RVT.

FINDINGS:

The left subclavian artery in the proximal segment is patent with normal triphasic flow. There is a nonocclusive thrombus observed in the left distal subclavian artery and a near occlusive thrombus in the adjacent left axillary artery. There is reconstituted flow through a collateral noted in the left proximal brachial artery. This flow is low velocity with monophasic pattern and delayed systolic upstrokes. The entire left brachial, radial and ulnar arteries are patent with low velocity monophasic flow and delayed systolic upstrokes.

The peak systolic velocities in the proximal and distal left subclavian artery are 48 and 35, axillary 42, proximal, mid and distal left brachial artery 27, 38 and 40 cm/s. The velocities in the left radial artery are 32, 32 and 24 cm/s and the ulnar artery 32, 34 and 30 cm/s.

Procedure Note

Raja Poludasu, MD - 07/17/2025

Procedure Note

Formatting of this note might be different from the original.

Left upper extremity arterial duplex study.

INDICATION: Left upper extremity pain and diminished peripheral pulses.

PROCEDURE: Noninvasive left upper extremity arterial study was performed with a duplex scanner. Real-time grayscale images, color flow images and spectral waveforms were obtained. This exam was performed by Elizabeth Scigala, RVT.

FINDINGS:

The left subclavian artery in the proximal segment is patent with normal triphasic flow. There is a nonocclusive thrombus observed in the left distal subclavian artery and a near occlusive thrombus in the adjacent left axillary artery. There is reconstituted flow through a collateral noted in the left proximal brachial artery. This flow is low velocity with monophasic pattern and delayed systolic upstrokes. The entire left brachial, radial and ulnar arteries are patent with low velocity monophasic flow and delayed systolic upstrokes.

The peak systolic velocities in the proximal and distal left subclavian artery are 48 and 35, axillary 42, proximal, mid and distal left brachial artery 27, 38 and 40 cm/s. The velocities in the left radial artery are 32, 32 and 24 cm/s and the ulnar artery 32, 34 and 30 cm/s.

IMPRESSION:

Abnormal study with a nonocclusive arterial thrombus in the left distal subclavian artery and an occlusive thrombus in the left axillary artery. Reconstituted low velocity monophasic flow through a collateral is noted in the left brachial artery. The left radial and ulnar arteries are patent with low velocity monophasic flow.

Electronically Signed by: RAJARAM POLUDASU, M.D.

Signed on: 7/17/2025 2:14 PM

Workstation ID: ARC-IL05-RPOLU

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------|------------------------|---------------------|--------------|
| Peder Lindberg MD | CV VASCULAR PROCEDURES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| AURORA HEALTH CARE RADIOLOGY | | | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/17/2025 11:31 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|---------|---------------|-------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 129 (H) | 70 - 99 mg/dL | | 07/17/2025 11:31 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/17/2025 11:31 AM CDT | 07/17/2025 11:40 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------------|---------------|
| Joanna Maurice MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/17/2025 10:24 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|-------------|-------------------------|------------------------------------|-----------------------|
| PTT | 40 (H) | 22 - 32 sec | | 07/17/2025 11:07 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 07/17/2025 10:24 AM CDT | 07/17/2025 10:36 AM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/17/2025 11:07 AM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|--------------------------|----------------------|--------------|
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/17/2025 5:32 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------------------------|----------------------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 110 (H) | 70 - 99 mg/dL | | 07/17/2025 5:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/17/2025 5:32 AM CDT | 07/17/2025 5:38 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|-------------------------------|----------------------|--------------|
| Yosry Mezyed MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (07/17/2025 3:29 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------|-----------------|---------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 7.6 | 4.2 - 11.0 K/mcL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 5.34 | 4.50 - 5.90 mil/mcL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 13.7 | 13.0 - 17.0 g/dL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 42.5 | 39.0 - 51.0 % | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 79.6 | 78.0 - 100.0 fL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.7 (L) | 26.0 - 34.0 pg | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 32.2 | 32.0 - 36.5 g/dL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.5 | 11.0 - 15.0 % | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 38.8 (L) | 39.0 - 50.0 fL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 246 | 140 - 450 K/mcL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 51 | % | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 29 | % | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 10 | % | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 9 | % | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|----------------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Basophils, Percent | 1 | % | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 0 | % | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 3.9 | 1.8 - 7.7 K/mcL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 2.2 | 1.0 - 4.8 K/mcL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.7 | 0.3 - 0.9 K/mcL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.7 (H) | 0.0 - 0.5 K/mcL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.0 | 0.0 - 0.2 K/mcL | | 07/17/2025 3:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/17/2025 3:29 AM CDT | 07/17/2025 3:49 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/17/2025 3:56 AM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status | | |
|------------------------------------|--------------------------|----------------------|--------------|--|
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

(ABNORMAL) GLYCOHEMOGLOBIN - Final result (07/17/2025 3:29 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|----------------|-------------|-------------|------------------------|--------------------|-----------------------|
| Hemoglobin A1C | 9.9 (H) | 4.5 - 5.6 % | | 07/17/2025 9:54 AM CDT | ACL IL CENTRAL LAB | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|------------------------------------|----------------------------|-------------|------------------------|------------------------|-----------------------|
| Comment: | | | | | | |
| Diabetic Screening | | | | | | |
| Non Diabetic: <5.7% | | | | | | |
| Increased Risk: 5.7-6.4% | | | | | | |
| Diagnostic For Diabetes: >6.4% | | | | | | |
| Diabetic Control | | | | | | |
| A1C% | eAG mg/dL | | | | | |
| 6.0 | 126 | | | | | |
| 6.5 | 140 | | | | | |
| 7.0 | 154 | | | | | |
| 7.5 | 169 | | | | | |
| 8.0 | 183 | | | | | |
| 8.5 | 197 | | | | | |
| 9.0 | 212 | | | | | |
| 9.5 | 226 | | | | | |
| 10.0 | 240 | | | | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 07/17/2025 3:29 AM CDT | 07/17/2025 3:49 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|-------------------------|--------------------------|---------------------|
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 |

(ABNORMAL) COMPREHENSIVE METABOLIC PANEL - Final result (07/17/2025 3:29 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Fasting Status | | | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 141 | 135 - 145 mmol/L | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 3.6 | 3.4 - 5.1 mmol/L | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 104 | 97 - 110 mmol/L | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 26 | 21 - 32 mmol/L | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 15 | 7 - 19 mmol/L | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------------------------|-------------------|----------------------------|------------------------|------------------------------------|------------------------|
| Glucose | 103 (H) | 70 - 99 mg/dL | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 5 (L) | 6 - 20 mg/dL | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.61 (L) | 0.67 - 1.17 mg/dL | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >60 mL/min/1.73m ² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation. | | | | | | |
| BUN/Cr | 8 | 7 - 25 | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.6 | 8.4 - 10.2 mg/dL | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Bilirubin, Total | 0.7 | 0.2 - 1.0 mg/dL | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GOT/AST | 21 | <=37 Units/L | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GPT/ALT | 23 | <64 Units/L | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Alkaline Phosphatase | 78 | 45 - 117 Units/L | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Albumin | 3.4 | 3.4 - 5.0 g/dL | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Protein, Total | 7.7 | 6.4 - 8.2 g/dL | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Globulin | 4.3 (H) | 2.0 - 4.0 g/dL | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| A/G Ratio | 0.8 (L) | 1.0 - 2.4 | | 07/17/2025 4:14 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | 07/17/2025 3:29 AM CDT | | 07/17/2025 3:49 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Yosry Mezyed MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

LACTIC ACID, VENOUS - Final result (07/17/2025 12:45 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-------|----------------------------------|----------------------------|-------------------------|------------------------------------|-----------------------|
| Lactate, Venous | 1.7 | 0.0 - 2.0 mmol/L | | 07/17/2025 1:29 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | 07/17/2025 12:45 AM CDT | 07/17/2025 1:04 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Peder Lindberg MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (07/16/2025 10:13 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|----------|----------------------|-------------|-------------------------|------------------------------------|-----------------------|
| WBC | 8.6 | 4.2 - 11.0 K/mcL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 5.67 | 4.50 - 5.90 mil/ mcL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 14.4 | 13.0 - 17.0 g/ dL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 45.7 | 39.0 - 51.0 % | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 80.6 | 78.0 - 100.0 fl | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.4 (L) | 26.0 - 34.0 pg | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------------|-----------------|------------------|-------------|-------------------------------|---|-----------------------|
| MCHC | 31.5 (L) | 32.0 - 36.5 g/dL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.5 | 11.0 - 15.0 % | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 39.5 | 39.0 - 50.0 fL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 283 | 140 - 450 K/mcL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 56 | % | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 27 | % | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 8 | % | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 8 | % | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 1 | % | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 0 | % | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 4.8 | 1.8 - 7.7 K/mcL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 2.3 | 1.0 - 4.8 K/mcL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.7 | 0.3 - 0.9 K/mcL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.7 (H) | 0.0 - 0.5 K/mcL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|------------------------------------|--------------------|----------------------------|-------------------------------|---|-----------------------|
| Absolute Basophils | 0.1 | 0.0 - 0.3 K/mcL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.0 | 0.0 - 0.2 K/mcL | | 07/16/2025 10:21 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | New IV Insertion / Unknown | 07/16/2025 10:13 PM CDT | 07/16/2025 10:18 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|-----------------------------|---------------|----------------------|
| John Allegretti MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/16/2025 10:13 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|------------------------------------|----------------|----------------------------|-------------------------------|---|-----------------------|
| PTT | 32 | 22 - 32 sec | | 07/17/2025 12:55 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | New IV Insertion / Unknown | 07/16/2025 10:13 PM CDT | 07/16/2025 10:18 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/17/2025 12:55 AM CDT
PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|-----------------------------|---------------|----------------------|
| Kevin Trembley DO | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

PROTHROMBIN TIME (INR/PT) - Final result (07/16/2025 10:13 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|-------|-------------------|-------------|-------------------------------|---|-----------------------|
| Protome- PT | 11.4 | 9.7 - 11.8 sec | | 07/17/2025 12:55 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-----------|-------------|-------------------------------|---|-----------------------|
| INR | 1.1 | | | 07/17/2025 12:55 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|----------------------------|----------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | 07/16/2025 10:13 PM CDT | 07/16/2025 10:18 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Kevin Trembley DO | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) COMPREHENSIVE METABOLIC PANEL - Final result (07/16/2025 10:13 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|---------|-------------------|-------------|-------------------------------|---|-----------------------|
| Fasting Status | | | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 137 | 135 - 145 mmol/L | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 3.8 | 3.4 - 5.1 mmol/L | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 101 | 97 - 110 mmol/L | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 25 | 21 - 32 mmol/L | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 15 | 7 - 19 mmol/L | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 104 (H) | 70 - 99 mg/dL | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 6 | 6 - 20 mg/dL | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.71 | 0.67 - 1.17 mg/dL | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------|---------------------|-------------|-------------------------------|---|-----------------------|
| Glomerular Filtration Rate | >90 | >=60 | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >60 mL/min/1.73m ² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation. | | | | | | |
| BUN/Cr | 8 | 7 - 25 | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.7 | 8.4 - 10.2 mg/dL | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Bilirubin, Total | 0.7 | 0.2 - 1.0 mg/dL | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GOT/AST | 27 | <=37 Units/L | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GPT/ALT | 23 | <64 Units/L | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Alkaline Phosphatase | 83 | 45 - 117 Units/L | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Albumin | 3.7 | 3.4 - 5.0 g/dL | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Protein, Total | 8.2 | 6.4 - 8.2 g/dL | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Globulin | 4.5 (H) | 2.0 - 4.0 g/dL | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| A/G Ratio | 0.8 (L) | 1.0 - 2.4 | | 07/16/2025 10:41 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|----------------------------|----------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | New IV Insertion / Unknown | 07/16/2025 10:13 PM CDT | 07/16/2025 10:18 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| John Allegretti MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (08/21/2024 11:58 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 275 (H) | 70 - 99 mg/dL | | 08/21/2024 11:58 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | 08/21/2024 11:58 AM CDT | 08/21/2024 12:00 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|-------------------------------|----------------------|--------------|--|--|
| Henna Mussani DO | BKR LAB PT OF CARE TST UNSOLC | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

LACTIC ACID, VENOUS - Final result (08/21/2024 7:23 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Lactate, Venous | 1.5 | 0.0 - 2.0 mmol/L | | 08/21/2024 8:30 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 08/21/2024 7:23 AM CDT | 08/21/2024 8:00 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--------------|--|--|
| Henna Mussani DO | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (08/21/2024 5:25 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 286 (H) | 70 - 99 mg/dL | | 08/21/2024 5:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|------------------------|------------------------|
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | 08/21/2024 5:25 AM CDT | 08/21/2024 5:27 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|----------------------------------|----------------------|--------------|
| Henna Mussani DO | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (08/20/2024 10:26 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|---------|---------------|-------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 396 (H) | 70 - 99 mg/dL | | 08/20/2024 10:26 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | 08/20/2024 10:26 PM CDT | 08/20/2024 10:29 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------------|---------------|
| Henna Mussani DO | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

CT CHEST ABDOMEN PELVIS (CTA CHEST ABDOMEN PELVIS) - Final result (08/20/2024 7:46 PM CDT)

| Anatomical Region | Laterality | Modality | | |
|-----------------------|----------------------------------|----------------------------|------------------------|---------------|
| Chest, Abdomen/Pelvis | | Computed Tomography | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 08/20/2024 7:57 PM CDT | |

Impressions

08/20/2024 8:07 PM CDT

1. No aortic aneurysm or dissection.
2. Occlusion of the bilateral external iliac arteries. This is likely chronic. There is reconstitution of the femoral arteries via collaterals of the internal iliac artery.
3. Mild to moderate stenosis of the superior mesenteric artery origin which was not appreciated on prior exam dated 3/18/2021.
4. No acute inflammatory findings in the chest, abdomen or pelvis.

Electronically Signed by: DANIEL V WEINSTEIN, M.D.

Signed on: 8/20/2024 8:07 PM

Workstation ID: ARC-IL05-DWEIN

Narrative

08/20/2024 8:07 PM CDT

Narrative

EXAMINATION: CTA CHEST ABDOMEN PELVIS

HISTORY: R sided abdominal pain

COMPARISON: 3/18/2020

TECHNIQUE: Following intravenous administration of 100 mL Omnipaque 350, CTA imaging through the chest, abdomen and pelvis was performed. Coronal and sagittal reformations are provided. 3-D axial MIPS reformatted images of the chest were generated at the CT scanner. The mA and/or kV were adjusted based on the patient's size.

FINDINGS:

No aortic aneurysm or dissection. The bilateral external iliac arteries are occluded. The femoral arteries are opacified via collateral vasculature through the internal iliac artery. Mild narrowing of the superior mesenteric artery origin which was not present on 3/18/2021

CHEST:

LUNGS: The central airways are patent. There is no consolidation.

PLEURA: No pleural effusion.

HEART: The heart is normal in size. There is no pericardial effusion.

VESSELS: Thoracic aorta and main pulmonary artery are normal caliber.

MEDIASTINUM AND HILA: No enlarged mediastinal or hilar lymph nodes are seen.

CHEST WALL: Unremarkable

BONES: Unremarkable

ABDOMEN/PELVIS:

LIVER: Unremarkable.

GALLBLADDER AND BILIARY TREE: Unremarkable.

PANCREAS: Unremarkable.

SPLEEN: Unremarkable.

ADRENAL GLANDS: Unremarkable.

KIDNEYS: Mild left renal pelviectasis. No frank hydronephrosis. Unremarkable right kidney.

PELVIS: Unremarkable.

BOWEL: The bowel is normal caliber. The appendix is normal in appearance.

VESSELS: The abdominal aorta is normal caliber.

LYMPH NODES: There are no enlarged lymph nodes seen.

OTHER: There is no free fluid or free air.

SOFT TISSUES: Fat in the bilateral inguinal canals..

BONES: Unremarkable

Procedure Note

Daniel Weinstein, MD - 08/20/2024

Formatting of this note might be different from the original.

EXAMINATION: CTA CHEST ABDOMEN PELVIS

HISTORY: R sided abdominal pain

COMPARISON: 3/18/2020

TECHNIQUE: Following intravenous administration of 100 mL Omnipaque 350, CTA imaging through the chest, abdomen and pelvis was performed. Coronal

Procedure Note

and sagittal reformations are provided. 3-D axial MIPS reformatted images of the chest were generated at the CT scanner. The mA and/or kV were adjusted based on the patient's size.

FINDINGS:

No aortic aneurysm or dissection. The bilateral external iliac arteries are occluded. The femoral arteries are opacified via collateral vasculature through the internal iliac artery. Mild narrowing of the superior mesenteric artery origin which was not present on 3/18/2021

CHEST:

LUNGS: The central airways are patent. There is no consolidation.

PLEURA: No pleural effusion.

HEART: The heart is normal in size. There is no pericardial effusion.

VESSELS: Thoracic aorta and main pulmonary artery are normal caliber.

MEDIASTINUM AND HILA: No enlarged mediastinal or hilar lymph nodes are seen.

CHEST WALL: Unremarkable

BONES: Unremarkable

ABDOMEN/PELVIS:

LIVER: Unremarkable.

GALLBLADDER AND BILIARY TREE: Unremarkable.

PANCREAS: Unremarkable.

SPLEEN: Unremarkable.

ADRENAL GLANDS: Unremarkable.

KIDNEYS: Mild left renal pelviectasis. No frank hydronephrosis.
Unremarkable right kidney.

PELVIS: Unremarkable.

BOWEL: The bowel is normal caliber. The appendix is normal in appearance.

VESSELS: The abdominal aorta is normal caliber.

LYMPH NODES: There are no enlarged lymph nodes seen.

OTHER: There is no free fluid or free air.

SOFT TISSUES: Fat in the bilateral inguinal canals..

BONES: Unremarkable

IMPRESSION:

1. No aortic aneurysm or dissection.
2. Occlusion of the bilateral external iliac arteries. This is likely chronic. There is reconstitution of the femoral arteries via collaterals of the internal iliac artery.
3. Mild to moderate stenosis of the superior mesenteric artery origin which was not appreciated on prior exam dated 3/18/2021.
4. No acute inflammatory findings in the chest, abdomen or pelvis.

Electronically Signed by: DANIEL V WEINSTEIN, M.D.

Signed on: 8/20/2024 8:07 PM

Workstation ID: ARC-IL05-DWEIN

| Authorizing Provider | Result Type | Result Status |
|-------------------------|-------------------|---------------|
| Stephanie Adamczyk PA-C | IMG CT PROCEDURES | Final Result |

(ABNORMAL) LACTIC ACID, VENOUS - Final result (08/20/2024 6:05 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------|-----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Lactate, Venous | 2.1 (HH) | 0.0 - 2.0 mmol/L | | 08/20/2024 7:30 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: ;Critical Result(s) Called at: 19:29:22 on 08/20/2024 by: Samiya Zaman to and read back by: Roggensack, Jerred, RN

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 08/20/2024 6:05 PM CDT | 08/20/2024 6:34 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|-------------------------|--------------------------|---------------|
| Stephanie Adamczyk PA-C | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (08/20/2024 5:10 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 247 (H) | 70 - 99 mg/dL | | 08/20/2024 5:10 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: Notified RN

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|------------------------|------------------------|
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | 08/20/2024 5:10 PM CDT | 08/20/2024 5:14 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------------------|---------------|
| Henna Mussani DO | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) LACTIC ACID VENOUS WITH REFLEX - Final result (08/20/2024 1:08 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------|-----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Lactate, Venous | 2.1 (HH) | 0.0 - 2.0 mmol/L | | 08/20/2024 1:34 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: ;Critical Result(s) Called at: 13:33:17 on 08/20/2024 by: James Patrick Siruno to and read back by: Torres, Anida, RN&X0A&from ED Triage.

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 08/20/2024 1:08 PM CDT | 08/20/2024 1:08 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Stephanie Adamczyk PA-C | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

Ultrasound - Abdomen (US LIVER GALLBLADDER PANCREAS (RUQ)) - Final result (08/20/2024 12:26 PM CDT)

| Anatomical Region | Laterality | Modality | | |
|-------------------|----------------------------------|----------------------------|-------------------------|---------------|
| Abdomen | | Ultrasound | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 08/20/2024 12:32 PM CDT | |

Impressions

08/20/2024 12:35 PM CDT

1. Mildly increased hepatic echogenicity with focal regions of decreased echogenicity near the gallbladder fossa. Findings are compatible with fatty liver with focal fatty sparing.
2. Unremarkable gallbladder.
3. Pancreas is obscured by overlying bowel gas.

Electronically Signed by: RYAN M. BRAUN, MD

Signed on: 8/20/2024 12:35 PM

Workstation ID: 91RDD8H4YG13

Narrative

08/20/2024 12:35 PM CDT

Narrative

EXAM: US LIVER GALLBLADDER PANCREAS (RUQ)

HISTORY: Male, 40 years old. RUQ abdominal pain 5' 11" ft 192.46 1b

COMPARISON: CT 8/20/2024

TECHNIQUE: Multiple transverse and longitudinal sonographic images were obtained through the right upper quadrant.

FINDINGS:

Liver length: 15.11 cm

Common duct diameter: 4.4 mm

LIVER: The liver is diffusely increased in echogenicity. Hypoechoic lesion in the right hepatic lobe adjacent to the gallbladder measures 1.7 x 1.4 x 1.5 cm.

BILE DUCTS: There is no intrahepatic or extrahepatic biliary ductal dilatation.

GALLBLADDER: The gallbladder is unremarkable without cholelithiasis, wall thickening, or pericholecystic fluid. Per sonographer report, there was a negative sonographic Murphy's sign.

PANCREAS: The pancreas is almost completely obscured by overlying bowel gas.

Other: None

Procedure Note

Ryan Braun, MD - 08/20/2024

Procedure Note

Formatting of this note might be different from the original.

EXAM: US LIVER GALLBLADDER PANCREAS (RUQ)

HISTORY: Male, 40 years old. RUQ abdominal pain 5' 11" ft 192.46 lb

COMPARISON: CT 8/20/2024

TECHNIQUE: Multiple transverse and longitudinal sonographic images were obtained through the right upper quadrant.

FINDINGS:

Liver length: 15.11 cm

Common duct diameter: 4.4 mm

LIVER: The liver is diffusely increased in echogenicity. Hypoechoic lesion in the right hepatic lobe adjacent to the gallbladder measures 1.7 x 1.4 x 1.5 cm.

BILE DUCTS: There is no intrahepatic or extrahepatic biliary ductal dilatation.

GALLBLADDER: The gallbladder is unremarkable without cholelithiasis, wall thickening, or pericholecystic fluid. Per sonographer report, there was a negative sonographic Murphy's sign.

PANCREAS: The pancreas is almost completely obscured by overlying bowel gas.

Other: None

IMPRESSION:

1. Mildly increased hepatic echogenicity with focal regions of decreased echogenicity near the gallbladder fossa. Findings are compatible with fatty liver with focal fatty sparing.
2. Unremarkable gallbladder.
3. Pancreas is obscured by overlying bowel gas.

Electronically Signed by: RYAN M. BRAUN, MD

Signed on: 8/20/2024 12:35 PM

Workstation ID: 91RDD8H4YG13

| Authorizing Provider | Result Type | Result Status |
|------------------------|-------------------|---------------|
| Stephanie Adamczyk PA- | IMG US PROCEDURES | Final Result |

CT ABDOMEN PELVIS (CT ABDOMEN PELVIS FOR KIDNEY STONES WO CONTRAST) - Final result (08/20/2024 10:09 AM CDT)

| Anatomical Region | Laterality | Modality | | |
|-------------------|----------------------------------|----------------------------|-------------------------|---------------|
| Abdomen/Pelvis | | Computed Tomography | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 08/20/2024 10:17 AM CDT | |

Impressions

08/20/2024 10:21 AM CDT

Impressions

Left-sided pelviectasis without overt hydronephrosis bilaterally. No radiopaque nephrolithiasis bilaterally. The kidneys are unchanged in appearance.

The appendix is within normal limits. No bowel obstruction or free intraperitoneal air.

The gallbladder is decompressed. No radiopaque gallstones.

Electronically signed by: SHAJI KHAN, DO

Signed on: 8/20/2024 10:21 AM

Workstation ID: ARC-IL05-SKHAN

Narrative

08/20/2024 10:21 AM CDT

CT OF THE ABDOMEN AND PELVIS

HISTORY: 40 years old Male right flank pain

COMPARISON: None available.

TECHNIQUE: Multidetector helical CT of the abdomen and pelvis was performed without intravenous or oral contrast.. Images are displayed in the axial, coronal and sagittal planes. Adjustment of the mA and/or kV was done according to the patient's size.

FINDINGS:

Lower thorax: The lung bases are clear. The visualized heart and pericardium appear normal.

Limited evaluation of the solid organs secondary to lack of intravenous contrast.

Liver: The liver demonstrates normal size, contour and attenuation. There is no focal hepatic lesion.

Gallbladder and biliary system: The gallbladder is decompressed. The biliary tree is normal, without intrahepatic or extrahepatic ductal dilation.

Pancreas: The pancreas is normal in size, contour and attenuation. No focal abnormality is present.

Spleen: The spleen demonstrates normal size, contour and attenuation. No focal abnormality is present.

Adrenal glands: There are no adrenal nodules or masses.

Kidneys: Left-sided pelviectasis, similar to previous without overt hydronephrosis bilaterally. No radiopaque nephrolithiasis seen bilaterally. The kidneys may be slightly malrotated, unchanged.

Gastrointestinal tract: The stomach is normal. The small intestine is unremarkable, without evidence for obstruction. The distal colon is underdistended. The colon is otherwise unremarkable. The appendix is normal.

Peritoneum/mesentery/lymph nodes: No ascites, pneumoperitoneum, or mesenteric inflammatory changes. There are no pathologically enlarged lymph nodes.

Vasculature: Normal caliber.

Bladder/pelvic structures: The bladder is under distended. No layering bladder calculi.

Soft tissues: Tiny fat-containing left inguinal hernia.

Osseous structures: Mild degenerative changes are present, without acute fracture, dislocation, or suspicious osseous lesion.

Procedure Note

Shaji Khan, DO - 08/20/2024

Formatting of this note might be different from the original.

CT OF THE ABDOMEN AND PELVIS

HISTORY: 40 years old Male right flank pain

COMPARISON: None available.

TECHNIQUE: Multidetector helical CT of the abdomen and pelvis was performed without intravenous or oral contrast.. Images are displayed in the axial, coronal and sagittal planes. Adjustment of the mA and/or kV was done according to the patient's size.

FINDINGS:

Lower thorax: The lung bases are clear. The visualized heart and pericardium appear normal.

Limited evaluation of the solid organs secondary to lack of intravenous contrast.

Liver: The liver demonstrates normal size, contour and attenuation. There is no focal hepatic lesion.

Gallbladder and biliary system: The gallbladder is decompressed. The biliary tree is normal, without intrahepatic or extrahepatic ductal dilation.

Pancreas: The pancreas is normal in size, contour and attenuation. No focal abnormality is present.

Spleen: The spleen demonstrates normal size, contour and attenuation. No focal abnormality is present.

Adrenal glands: There are no adrenal nodules or masses.

Kidneys: Left-sided pelviectasis, similar to previous without overt hydronephrosis bilaterally. No radiopaque nephrolithiasis seen bilaterally. The kidneys may be slightly malrotated, unchanged.

Gastrointestinal tract: The stomach is normal. The small intestine is unremarkable, without evidence for obstruction. The distal colon is underdistended. The colon is otherwise unremarkable. The appendix is normal.

Peritoneum/mesentery/lymph nodes: No ascites, pneumoperitoneum, or mesenteric inflammatory changes. There are no pathologically enlarged lymph nodes.

Vasculation: Normal caliber.

Bladder/pelvic structures: The bladder is under distended. No layering bladder calculi.

Soft tissues: Tiny fat-containing left inguinal hernia.

Osseous structures: Mild degenerative changes are present, without acute fracture, dislocation, or suspicious osseous lesion.

IMPRESSION:

Left-sided pelviectasis without overt hydronephrosis bilaterally. No radiopaque nephrolithiasis bilaterally. The kidneys are unchanged in appearance.

The appendix is within normal limits. No bowel obstruction or free intraperitoneal air.

The gallbladder is decompressed. No radiopaque gallstones.

Electronically Signed by: SHAJI KHAN, DO

Signed on: 8/20/2024 10:21 AM

Workstation ID: ARC-IL05-SKHAN

| Authorizing Provider | Result Type | Result Status |
|-------------------------|-------------------|---------------|
| Stephanie Adamczyk PA-C | IMG CT PROCEDURES | Final Result |

Electrocardiogram (ECG) (ELECTROCARDIOGRAM 12-LEAD) - Final result (08/20/2024 9:58 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------------|--|-----------|-------------|---------------|--------------|-----------------------|
| Ventricular Rate EKG/ Min (BPM) | 84 | | | | MUSE | |
| Atrial Rate (BPM) | 84 | | | | MUSE | |
| PR-Interval (MSEC) | 124 | | | | MUSE | |
| QRS-Interval (MSEC) | 90 | | | | MUSE | |
| QT-Interval (MSEC) | 372 | | | | MUSE | |
| QTc | 440 | | | | MUSE | |
| P Axis (Degrees) | 74 | | | | MUSE | |
| R Axis (Degrees) | 62 | | | | MUSE | |
| T Axis (Degrees) | 49 | | | | MUSE | |
| REPORT TEXT | Normal sinus rhythm. Normal ECG when compared with ECG of 18-MAR-2021 06:14, PREVIOUS ECG IS PRESENT Confirmed by HERSH MD, STEVEN (60106) on 8/20/2024 5:59:32 PM | | | | MUSE | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|---------------|
| | | | 08/20/2024 9:58 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|-------------------------|----------------|---------------|
| Stephanie Adamczyk PA-C | ECG ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|-------------------------|---------|---------------------|--------------|
| MUSE | | | |

(ABNORMAL) URINALYSIS & REFLEX MICROSCOPY WITH CULTURE IF INDICATED - Final result (08/20/2024 9:36 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|--------|-----------|-------------|-------------------------|------------------------------------|-----------------------|
| COLOR, URINALYSIS | Yellow | | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--|---------------------|---------------------------|-------------|-------------------------------|---|-----------------------|
| APPEARANCE, URINALYSIS | Clear | | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GLUCOSE, URINALYSIS | >1000 (A) | Negative mg/dL | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BILIRUBIN, URINALYSIS | Negative | Negative | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| KETONES, URINALYSIS | Negative | Negative mg/dL | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| SPECIFIC GRAVITY, URINALYSIS | 1.027 | 1.005 - 1.030 | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: Measured by refractometry Specific Gravity results may be affected by elevated protein, glucose, or contrast media. | | | | | | |
| OCCULT BLOOD, URINALYSIS | Negative | Negative | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PH, URINALYSIS | 6.5 | 5.0 - 7.0 | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PROTEIN, URINALYSIS | 30 (A) | Negative mg/dL | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| UROBILINOGEN, URINALYSIS | 2.0 (A) | 0.2, 1.0 mg/dL | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NITRITE, URINALYSIS | Negative | Negative | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| LEUKOCYTE ESTERASE, URINALYSIS | Negative | Negative | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| SQUAMOUS EPITHELIAL, URINALYSIS | 1 to 5 | None Seen, 1 to 5 /hpf | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| ERYTHROCYTES, URINALYSIS | 3 to 5 (A) | None Seen, 1 to 2 /hpf | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| LEUKOCYTES, URINALYSIS | 1 to 5 | None Seen, 1 to 5 /hpf | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BACTERIA, URINALYSIS | None Seen | None Seen / hpf | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------|---|----------------------------|-------------|-------------------------|------------------------------------|-----------------------|
| HYALINE CASTS, URINALYSIS | None Seen | None Seen, 1 to 5 /lpf | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MUCUS | Present | | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Urine | URINE SPECIMEN OBTAINED BY CLEAN CATCH PROCEDURE / Unknown | | | 08/20/2024 9:36 AM CDT | 08/20/2024 9:46 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--------------|--|--|
| John Allegretti MD | BKR LAB URINE ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

TROPONIN I, HIGH SENSITIVITY - Final result (08/20/2024 9:16 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------|-------|-----------|-------------|-------------------------|------------------------------------|-----------------------|
| Troponin I, High Sensitivity | 6 | <77 ng/L | | 08/20/2024 10:20 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| | | | | |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 08/20/2024 9:16 AM CDT | 08/20/2024 9:26 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--------------|--|--|
| Stephanie Adamczyk PA-C | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (08/20/2024 9:16 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 9.6 | 4.2 - 11.0 K/mcL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------|-------|-------------------------|-------------|------------------------------|---|-----------------------|
| RBC | 5.50 | 4.50 - 5.90 mil/ mcL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 14.6 | 13.0 - 17.0 g/ dL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 44.9 | 39.0 - 51.0 % | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 81.6 | 78.0 - 100.0 fl | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 26.5 | 26.0 - 34.0 pg | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 32.5 | 32.0 - 36.5 g/ dL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.3 | 11.0 - 15.0 % | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 39.8 | 39.0 - 50.0 fL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 286 | 140 - 450 K/ mcL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 58 | % | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 26 | % | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 7 | % | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 8 | % | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 1 | % | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------------|----------------|--------------------|-------------|------------------------------|---|-----------------------|
| Immature Granulocytes | 0 | % | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 5.5 | 1.8 - 7.7 K/mcL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 2.5 | 1.0 - 4.8 K/mcL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.7 | 0.3 - 0.9 K/mcL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.7 (H) | 0.0 - 0.5 K/mcL | | 08/20/2024 9:32 AM | ADVOCATE LUTHERAN | |

| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|--------------------------------|---------------------------------|----------------------------------|----------------------------|------------------------|------------------------------------|
| Absolute Basophils | 0.1 | 0.0 - 0.3 K/mcL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Absolute Immature Granulocytes | 0.0 | 0.0 - 0.2 K/mcL | | 08/20/2024 9:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 08/20/2024 9:16 AM CDT | 08/20/2024 9:26 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| John Allegretti MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

LIPASE - Final result (08/20/2024 9:16 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|--------------------|-------------|-------------------------------|---|-----------------------|
| Lipase | 53 | 15 - 77 Units/L | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|---------------------------|---------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 08/20/2024 9:16 AM CDT | 08/20/2024 9:26 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Stephanie Adamczyk PA-C | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

(ABNORMAL) GLYCOHEMOGLOBIN - Final result (08/20/2024 9:16 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|-----------------|-------------|-------------|-------------------------|--------------------|-----------------------|
| Hemoglobin A1C | 10.6 (H) | 4.5 - 5.6 % | | 08/20/2024 10:05 PM CDT | ACL IL CENTRAL LAB | |

Comment:

Diabetic Screening

Non Diabetic: <5.7%
 Increased Risk: 5.7-6.4%
 Diagnostic For Diabetes: >6.4%

Diabetic Control

A1C% eAG mg/dL

| | |
|------|-----|
| 6.0 | 126 |
| 6.5 | 140 |
| 7.0 | 154 |
| 7.5 | 169 |
| 8.0 | 183 |
| 8.5 | 197 |
| 9.0 | 212 |
| 9.5 | 226 |
| 10.0 | 240 |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 08/20/2024 9:16 AM CDT | 08/20/2024 9:26 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|-------------------------|--------------------------|---------------------|
| Henna Mussani DO | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 |
| | | Phone Number |

(ABNORMAL) COMPREHENSIVE METABOLIC PANEL - Final result (08/20/2024 9:16 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|-------|------------------|-------------|-------------------------|------------------------------------|-----------------------|
| Fasting Status | | | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 137 | 135 - 145 mmol/L | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 4.1 | 3.4 - 5.1 mmol/L | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------------|-------------------|-------------|-------------------------|------------------------------------|-----------------------|
| Chloride | 107 | 97 - 110 mmol/L | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 29 | 21 - 32 mmol/L | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 5 (L) | 7 - 19 mmol/L | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 242 (H) | 70 - 99 mg/dL | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 7 | 6 - 20 mg/dL | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.68 | 0.67 - 1.17 mg/dL | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >60 mL/min/1.73m ² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation. | | | | | | |
| BUN/Cr | 10 | 7 - 25 | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 9.0 | 8.4 - 10.2 mg/dL | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Bilirubin, Total | 0.7 | 0.2 - 1.0 mg/dL | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GOT/AST | 30 | <=37 Units/L | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GPT/ALT | 62 | <64 Units/L | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Alkaline Phosphatase | 83 | 45 - 117 Units/L | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Albumin | 3.5 (L) | 3.6 - 5.1 g/dL | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Protein, Total | 8.2 | 6.4 - 8.2 g/dL | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------------------------------|----------------------------------|----------------------------|--------------|-------------------------|------------------------------------|-----------------------|
| Globulin | 4.7 (H) | 2.0 - 4.0 g/dL | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| A/G Ratio | 0.7 (L) | 1.0 - 2.4 | | 08/20/2024 10:05 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 08/20/2024 9:16 AM CDT | 08/20/2024 9:26 AM CDT | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| John Allegretti MD | BKR LAB BLOOD ORDERABLES | Final Result | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (04/19/2021 2:33 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|----------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 8.0 | 4.2 - 11.0 K/mcL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.96 | 4.50 - 5.90 mil/ mcL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 13.5 | 13.0 - 17.0 g/ dL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 42.6 | 39.0 - 51.0 % | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 85.9 | 78.0 - 100.0 fl | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 27.2 | 26.0 - 34.0 pg | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 31.7 (L) | 32.0 - 36.5 g/ dL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.4 | 11.0 - 15.0 % | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| RDW-SD | 41.2 | 39.0 - 50.0 fL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 344 | 140 - 450 K/mcL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 53 | % | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 30 | % | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 10 | % | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 5 | % | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 1 | % | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 4.3 | 1.8 - 7.7 K/mcL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 2.4 | 1.0 - 4.8 K/mcL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.8 | 0.3 - 0.9 K/mcL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.4 | 0.0 - 0.5 K/mcL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.1 | 0.0 - 0.3 K/mcL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.1 | 0.0 - 0.2 K/mcL | | 04/19/2021 3:44 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 04/19/2021 2:33 PM CDT | 04/19/2021 2:33 PM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 04/19/2021 3:44 PM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

FIBRINOGEN ACTIVITY - Final result (04/19/2021 2:33 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Fibrinogen | 405 | 190 - 425 mg/dL | | 04/19/2021 4:30 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 04/19/2021 2:33 PM CDT | 04/19/2021 2:33 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PARTIAL THROMBOPLASTIN TIME - Final result (04/19/2021 2:33 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 29 | 22 - 30 sec | | 04/19/2021 4:30 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 04/19/2021 2:33 PM CDT | 04/19/2021 2:33 PM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 04/19/2021 4:30 PM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PROTHROMBIN TIME - Final result (04/19/2021 2:33 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|-------|----------------|-------------|------------------------|------------------------------------|-----------------------|
| Protome- PT | 11.3 | 9.7 - 11.8 sec | | 04/19/2021 4:09 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.1 | <=5.0 | | 04/19/2021 4:09 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 04/19/2021 2:33 PM CDT | 04/19/2021 2:33 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

RIVAROXABAN ASSAY - Final result (04/19/2021 2:33 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-------|-----------|-------------|------------------------|---------------------------------|-----------------------|
| Rivaroxaban Level | 142 | ng/mL | | 04/20/2021 8:17 AM CDT | AURORA ST LUKE'S MEDICAL CENTER | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 04/19/2021 2:33 PM CDT | 04/19/2021 2:33 PM CDT |

Narrative

AURORA ST LUKE'S MEDICAL CENTER - 04/20/2021 8:17 AM CDT

Narrative

Expected plasma Rivaroxaban level:

Dosage Peak Concentration Trough Concentration

20 mg qD 22 - 535 ng/mL 6 - 239 ng/mL

15 mg qD 22 - 535 ng/mL 6 - 239 ng/mL

10 mg qD 7 - 273 ng/mL 4 - 51 ng/mL

Peak: 2-4 hours after dose

Trough: 24 hours after dose

The DixaL Assay is recommended for measuring direct xa inhibitors (Dixals) such as Rivaroxaban in plasma.

Rivaroxaban peak and trough levels at steady state when dosing with 15 to 20 mg once per day were 22 to 535 ng/mL and 6 to 239 ng/mL respectively. Rivaroxaban peak and trough levels at steady state when dosing with 10 mg once per day were 7 to 273 ng/mL and 4 to 51 ng/mL respectively. A therapeutic range for Rivaroxaban has yet to be established; however, in normal plasmas Rivaroxaban levels are not detectable (<21 ng/mL).

This test utilizes a kit labeled by the manufacturer as "research use only". It is used according to manufacturer's instructions. Its performance characteristics were determined by ACL Laboratories so to be compliant with CLIA requirements. This test has not been approved or cleared by the U.S. FDA.

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------|---------------------------|---------------------|--------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| AURORA ST LUKE'S MEDICAL CENTER | 2900 West Oklahoma Avenue | Milwaukee, WI 53215 | |

(ABNORMAL) COMPREHENSIVE METABOLIC PANEL - Final result (04/19/2021 2:33 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|--------------|------------------|-------------|------------------------------|--|-----------------------|
| Fasting Status | | | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 136 | 135 - 145 mmol/L | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 5.1 | 3.4 - 5.1 mmol/L | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 103 | 98 - 107 mmol/L | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 30 | 21 - 32 mmol/L | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 8 (L) | 10 - 20 mmol/L | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 96 | 65 - 99 mg/dL | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 12 | 6 - 20 mg/dL | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--|----------------------------------|-------------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| Creatinine | 0.79 | 0.67 - 1.17 mg/dL | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >90 mL/min/1.73m ² | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >90 mL/min/1.73m ² = Normal kidney function. | | | | | | |
| BUN/Cr | 15 | 7 - 25 | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 9.6 | 8.4 - 10.2 mg/dL | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Bilirubin, Total | 0.5 | 0.2 - 1.0 mg/dL | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GOT/AST | 37 | <=37 Units/L | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GPT/ALT | 63 | <64 Units/L | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Alkaline Phosphatase | 84 | 45 - 117 Units/L | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Albumin | 3.8 | 3.6 - 5.1 g/dL | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Protein, Total | 8.2 | 6.4 - 8.2 g/dL | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Globulin | 4.4 (H) | 2.0 - 4.0 g/dL | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| A/G Ratio | 0.9 (L) | 1.0 - 2.4 | | 04/19/2021 6:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 04/19/2021 2:33 PM CDT | 04/19/2021 2:33 PM CDT | | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result | | | | |

| Performing Organization Address | | City/State/ZIP Code | | Phone Number | |
|--|---------------------------------------|----------------------------|-------------|-------------------------|------------------------------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | | 1775 Dempster Street | | Park Ridge, IL 60068 | |
| GLUCOSE, BEDSIDE - POINT OF CARE - Final result (03/21/2021 11:59 AM CDT) | | | | | |
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At |
| GLUCOSE, BEDSIDE - POINT OF CARE | 88 | 70 - 99 mg/dL | | 03/21/2021 11:59 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Comment: Notified RN | | | | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time |
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | | 03/21/2021 11:59 AM CDT | 03/21/2021 12:40 PM CDT |
| Narrative | | | | | |
| Authorizing Provider | Result Type | Result Status | | | |
| Gina Abraham MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (03/21/2021 9:25 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|-------------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 9.6 | 4.2 - 11.0 K/mcL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.03 (L) | 4.50 - 5.90 mil/ mcL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 11.0 (L) | 13.0 - 17.0 g/ dL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 34.2 (L) | 39.0 - 51.0 % | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 84.9 | 78.0 - 100.0 fl | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 27.3 | 26.0 - 34.0 pg | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 32.2 | 32.0 - 36.5 g/ dL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| RDW-CV | 13.1 | 11.0 - 15.0 % | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 40.5 | 39.0 - 50.0 fL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 235 | 140 - 450 K/mcL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 53 | % | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 40 | % | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 6 | % | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 5.1 | 1.8 - 7.7 K/mcL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 3.8 | 1.0 - 4.8 K/mcL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.6 | 0.3 - 0.9 K/mcL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|-----------------------------|------------------------------------|----------------------------|------------------------------|---|-----------------------|
| Absolute Immature Granulocytes | 0.1 | 0.0 - 0.2 K/mcL | | 03/21/2021 9:57 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/21/2021 9:25 AM CDT | 03/21/2021 9:45 AM CDT | |
| Narrative | | | | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/21/2021 9:57 AM CDT | | | | | | |
| This is an appended report. These results have been appended to a previously verified report. | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |

(ABNORMAL) FIBRINOGEN ACTIVITY - Final result (03/21/2021 9:25 AM CPT)

| Final result (03/21/2021 9:25 AM CDT) | | | | | |
|---------------------------------------|--------------------------|----------------------------------|----------------------------|-------------------------|------------------------------------|
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At |
| Fibrinogen | 166 (L) | 190 - 425 mg/dL | | 03/21/2021 10:07 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/21/2021 9:25 AM CDT | 03/21/2021 9:45 AM CDT |
| Narrative | | | | | |
| Authorizing Provider | Result Type | Result Status | | | |
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME - Final result (03/21/2021 7:11 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|------------------------------------|-------------|----------------------------|------------------------------|---|---------------------------|
| PTT | 43 (H) | 22 - 30 sec | | 03/21/2021 7:38 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | | Collection Time | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | | 03/21/2021 7:11 AM CDT | 03/21/2021 7:15 AM CDT |

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Angel Galvez MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (03/21/2021 4:28 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------|-----------------|---------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 10.7 | 4.2 - 11.0 K/mcL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 3.88 (L) | 4.50 - 5.90 mil/mcL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 10.5 (L) | 13.0 - 17.0 g/dL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 32.8 (L) | 39.0 - 51.0 % | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 84.5 | 78.0 - 100.0 fL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 27.1 | 26.0 - 34.0 pg | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 32.0 | 32.0 - 36.5 g/dL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.1 | 11.0 - 15.0 % | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 40.0 | 39.0 - 50.0 fL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 239 | 140 - 450 K/mcL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 57 | % | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|------------------------------------|----------------------------|------------------------------|------------------------------|---|-----------------------|
| Lymphocytes, Percent | 35 | % | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 7 | % | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 6.1 | 1.8 - 7.7 K/mcL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 3.7 | 1.0 - 4.8 K/mcL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.8 | 0.3 - 0.9 K/mcL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.1 | 0.0 - 0.2 K/mcL | | 03/21/2021 5:00 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/21/2021 4:28 AM CDT | 03/21/2021 4:44 AM CDT | | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/21/2021 5:00 AM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|-----------------------------|----------------------|--------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME - Final result (03/21/2021 4:28 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|-------------|----------------------------|------------------------|------------------------------------|------------------------|
| PTT | 100 (HH) | 22 - 30 sec | | 03/21/2021 5:35 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | | Collection Time | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | | 03/21/2021 4:28 AM CDT | 03/21/2021 4:44 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/21/2021 5:35 AM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|---------------|----------------------|
| Angel Galvez MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

PHOSPHORUS - Final result (03/21/2021 4:28 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|-----------------|----------------------------|------------------------|------------------------------------|------------------------|
| Phosphorus | 3.4 | 2.4 - 4.7 mg/dL | | 03/21/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | | Collection Time | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | | Venipuncture / Unknown | | 03/21/2021 4:28 AM CDT | 03/21/2021 4:44 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|---------------|----------------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (03/21/2021 1:15 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|------------------------------------|---------------|----------------------------|------------------------|------------------------------------|------------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 173 (H) | 70 - 99 mg/dL | | 03/21/2021 1:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | | Collection Time | Received Time |
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | | | 03/21/2021 1:15 AM CDT | 03/21/2021 1:19 AM CDT |

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|----------------------------------|----------------------|--------------|
| Lewis Schwartz MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (03/20/2021 11:40 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------|-----------------|----------------------------|-------------|-------------------------------|---|-----------------------|
| WBC | 10.5 | 4.2 - 11.0 K/mcL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.08 (L) | 4.50 - 5.90 mil/ mcL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 11.1 (L) | 13.0 - 17.0 g/ dL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 34.5 (L) | 39.0 - 51.0 % | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 84.6 | 78.0 - 100.0 fl | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 27.2 | 26.0 - 34.0 pg | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 32.2 | 32.0 - 36.5 g/ dL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.1 | 11.0 - 15.0 % | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 40.2 | 39.0 - 50.0 fL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 245 | 140 - 450 K/ mcL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 62 | % | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|------------------------------------|----------------------------|-------------------------------|-------------------------------|---|-----------------------|
| Lymphocytes, Percent | 28 | % | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 9 | % | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 6.6 | 1.8 - 7.7 K/mcL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 3.0 | 1.0 - 4.8 K/mcL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.9 | 0.3 - 0.9 K/mcL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.1 | 0.0 - 0.2 K/mcL | | 03/20/2021 11:59 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 11:40 PM CDT | 03/20/2021 11:56 PM CDT | | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/20/2021 11:59 PM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|-----------------------------|----------------------|--------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) FIBRINOGEN ACTIVITY - Final result (03/20/2021 11:40 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------------------|------------------------------------|----------------------------|--------------|-------------------------------|---|-----------------------|
| Fibrinogen | 148 (L) | 190 - 425 mg/dL | | 03/21/2021 12:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 03/20/2021 11:40 PM CDT | 03/20/2021 11:56 PM CDT | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME - Final result (03/20/2021 11:40 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|------------------------------------|----------------------------|----------------------------|-------------------------------|---|-----------------------|
| PTT | 44 (H) | 22 - 30 sec | | 03/21/2021 12:15 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 11:40 PM CDT | 03/20/2021 11:56 PM CDT | | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/21/2021 12:15 AM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Angel Galvez MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (03/20/2021 10:27 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|---------------------------------------|----------------------------|----------------------------|-------------------------------|---|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 120 (H) | 70 - 99 mg/dL | | 03/20/2021 10:27 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | 03/20/2021 10:27 PM CDT | 03/20/2021 10:29 PM CDT | | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|----------------------------------|----------------------|--------------|
| Lewis Schwartz MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (03/20/2021 8:10 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|------------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 173 (H) | 70 - 99 mg/dL | | 03/20/2021 8:10 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | CAPILLARY BLOOD SPECIMEN / Unknown | | 03/20/2021 8:10 PM CDT | 03/20/2021 8:35 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|----------------------------------|----------------------|--------------|
| Lewis Schwartz MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (03/20/2021 5:32 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|-------------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 11.5 (H) | 4.2 - 11.0 K/mcL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.26 (L) | 4.50 - 5.90 mil/ mcL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 12.0 (L) | 13.0 - 17.0 g/ dL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 36.2 (L) | 39.0 - 51.0 % | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 85.0 | 78.0 - 100.0 fl | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 28.2 | 26.0 - 34.0 pg | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------------|----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| MCHC | 33.1 | 32.0 - 36.5 g/dL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.1 | 11.0 - 15.0 % | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 40.5 | 39.0 - 50.0 fL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 248 | 140 - 450 K/mcL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 78 | % | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 16 | % | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 5 | % | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 8.9 (H) | 1.8 - 7.7 K/mcL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 1.8 | 1.0 - 4.8 K/mcL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.6 | 0.3 - 0.9 K/mcL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.1 | 0.0 - 0.2 K/mcL | | 03/20/2021 5:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 5:32 PM CDT | 03/20/2021 5:42 PM CDT | | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/20/2021 5:50 PM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|---------------|----------------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

(ABNORMAL) FIBRINOGEN ACTIVITY - Final result (03/20/2021 5:32 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| Fibrinogen | 169 (L) | 190 - 425 mg/dL | | 03/20/2021 6:03 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 5:32 PM CDT | 03/20/2021 5:42 PM CDT | | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|---------------|----------------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

PARTIAL THROMBOPLASTIN TIME - Final result (03/20/2021 5:32 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| PTT | 25 | 22 - 30 sec | | 03/20/2021 6:04 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 5:32 PM CDT | 03/20/2021 5:42 PM CDT | | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/20/2021 6:04 PM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (03/20/2021 4:56 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 231 (H) | 70 - 99 mg/dL | | 03/20/2021 4:56 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: Capillary Sample

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|------------------------|------------------------|
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | 03/20/2021 4:56 PM CDT | 03/20/2021 4:59 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|-------------------------------|----------------------|--------------|
| Khola Hai MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) FIBRINOGEN ACTIVITY - Final result (03/20/2021 2:33 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| Fibrinogen | 158 (L) | 190 - 425 mg/dL | | 03/20/2021 3:15 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 2:33 PM CDT | 03/20/2021 2:50 PM CDT | | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME - Final result (03/20/2021 2:33 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 88 (HH) | 22 - 30 sec | | 03/20/2021 3:40 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 03/20/2021 2:33 PM CDT | 03/20/2021 2:50 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/20/2021 3:40 PM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--------------|--|--|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) FIBRINOGEN ACTIVITY - Final result (03/20/2021 12:16 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|-------------|-------------------------|------------------------------------|-----------------------|
| Fibrinogen | 161 (L) | 190 - 425 mg/dL | | 03/20/2021 12:45 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 03/20/2021 12:16 PM CDT | 03/20/2021 12:21 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--------------|--|--|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) PROTHROMBIN TIME - Final result (03/20/2021 12:16 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|-----------------|----------------|-------------|-------------------------|------------------------------------|-----------------------|
| Protime- PT | 13.4 (H) | 9.7 - 11.8 sec | | 03/20/2021 12:45 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-----------|-------------|-------------------------------|---|-----------------------|
| INR | 1.3 | <=5.0 | | 03/20/2021 12:45 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|----------------------------|----------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 12:16 PM CDT | 03/20/2021 12:21 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|-----------------------------|---------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

TRANSTHORACIC ECHO (TTE) COMPLETE W/ DOPPLER & COLOR W/ BUBBLES (03/20/2021 12:01 PM CDT)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-----------------|---------------|
|-------------------|----------------------------------|----------------------------|-----------------|---------------|

Impressions

AURORA HEALTH CARE RADIOLOGY - 03/20/2021 2:10 PM CDT

Advocate Lutheran General Hospital

1775 Dempster Street

Park Ridge, IL 60068

Transthoracic Echocardiogram (TTE)

| | | |
|-----------------------------|------------------|---------------------|
| Patient: Sajjad, Mohammad I | Study Date/Time: | Mar 20 2021 11:36AM |
| MRN: 11141626 | FIN#: | 10230938600 |
| DOB: 05/23/1984 | Ht/Wt: | 180.3cm 92.1kg |
| Age: 36 | BSA/BMI: | 2.12m^2 28.3kg/m^2 |
| Gender: M | Baseline BP: | 115 / 94 |

Attending Physician: Hai, Khola A

Performing Physician: Marianna Krive, DO

Diagnostic Physician: Marianna Krive, DO

Sonographer: Michael Basile, RDCS, AE-PE

Fellow: Katarzyna Mikrut MD

INDICATIONS: Evaluation for PFO.

STUDY CONCLUSIONS

SUMMARY:

- Left ventricle: The cavity size is normal. wall thickness is normal. The ejection fraction was measured by biplane method of disks. wall motion is normal; there are no regional wall motion abnormalities. The tissue Doppler parameters are normal. Left ventricular diastolic function parameters are normal. The ejection fraction is 63%.
 - Aortic valve: Transvalvular velocity is within the normal range. There is no stenosis. No regurgitation.
 - Right ventricle: Systolic function is normal. Systolic pressure is within the normal range. The estimated peak pressure is 28mm Hg.
 - Atrial septum: Color doppler and agitated saline contrast study shows no obvious shunt.
 - Tricuspid valve: Mild regurgitation.
 - Pericardium, extracardiac: There is no pericardial effusion.
- Recommendations: Transesophageal echocardiography if clinically indicated.

STUDY DATA: There is no prior study available for comparison at this time. **Procedure:** Transthoracic echocardiography was performed. Image quality was good. Intravenous contrast (agitated saline) x 3 was administered to identify shunting. M-mode, complete 2D, complete spectral Doppler, and color Doppler. **Study status:** Routine. **Study completion:** There were no complications.

FINDINGS

LEFT VENTRICLE: The cavity size is normal. wall thickness is normal. There is no hypertrophy. Systolic function is normal. Wall motion is normal; there are no regional wall motion abnormalities. The ejection fraction was measured by biplane method of disks. The ejection fraction is 63%. The tissue Doppler parameters are normal. Left ventricular diastolic function parameters are normal.

AORTIC VALVE: The annulus is noncalcified. The valve is trileaflet. The leaflets are normal thickness. Cusp separation is normal. Mobility is not restricted. **Doppler:** Transvalvular velocity is within the normal range. There is no stenosis. No regurgitation. The LVOT to aortic valve VTI ratio is 0.81. The valve area by the velocity-time integral method is 2.8 cm^2 . The valve area index by the velocity-time integral method is $1.32 \text{ cm}^2/\text{m}^2$. The mean systolic gradient is 4mm Hg. The peak systolic gradient is 7mm Hg.

AORTA: Aortic root: The aortic root is normal in size.

MITRAL VALVE: Structurally normal valve. The annulus is noncalcified. The leaflets are normal thickness. Leaflet separation is normal. Mobility is not restricted. No echocardiographic evidence for prolapse. **Doppler:** Transvalvular velocity is within the normal range. There is no evidence for stenosis. Trivial regurgitation. The peak diastolic gradient is 5mm Hg.

ATRIAL SEPTUM: Color doppler and agitated saline contrast study shows no obvious shunt.

LEFT ATRIUM: The atrium is normal in size.

RIGHT VENTRICLE: The cavity size is normal. wall thickness is normal. Systolic function is normal. Systolic pressure is within the normal range. The estimated peak pressure is 28mm Hg.

VENTRICULAR SEPTUM: Thickness is normal.

PULMONIC VALVE: Structurally normal valve. Cusp separation is normal. **Doppler:** Transvalvular velocity is within the normal range. No regurgitation.

TRICUSPID VALVE: The leaflets are normal thickness. Leaflet separation is normal. **Doppler:** Transvalvular velocity is within the normal range. Mild regurgitation.

RIGHT ATRIUM: The atrium is normal in size.

PERICARDIUM: There is no pericardial effusion.

SYSTEMIC VEINS:

Inferior vena cava: The vessel is normal in size. The respirophasic diameter changes are in the normal range (greater than or equal to 50%).

BASELINE ECG: Normal sinus rhythm.

Measurements

| Left ventricle | value | Ref | Left atrium | value | Ref | |
|-----------------------|-------|-----------------|-------------|----------------------|-------|---------------------------|
| EDD, LAX chord | 4.6 | cm | 4.2 - 5.8 | SI dim, A4C | 3.5 | cm |
| ESD, LAX chord | 2.8 | cm | 2.5 - 4.0 | Area ES, A4C | 14 | cm \wedge 2 |
| EDD/bsa, LAX chord | 2.2 | cm/m \wedge 2 | 2.2 - 3.0 | Area ES, A2C | 16 | cm \wedge 2 |
| ESD/bsa, LAX chord | 1.3 | cm/m \wedge 2 | 1.3 - 2.1 | Vol/bsa, S | 17 | m \wedge 1/m \wedge 2 |
| PW, ED, LAX | 1.0 | cm | 0.6 - 1.0 | Vol, ES, 1-p A4C | 28 | m \wedge 1 |
| EDD major ax, A4C | 7.7 | cm | ----- | Vol/bsa, ES, 1-p A4C | 13 | m \wedge 1/m \wedge 2 |
| ESD major ax, A4C | 6.3 | cm | ----- | Vol, ES, 1-p A2C | 42 | m \wedge 1 |
| FS major axis, A4C | 18 | % | ----- | Vol/bsa, ES, 1-p A2C | 20 | m \wedge 1/m \wedge 2 |
| EDD/bsa major ax, A4C | 3.6 | cm/m \wedge 2 | ----- | Vol, ES, 2-p | 35 | m \wedge 1 |
| ESD/bsa major ax, A4C | 3.0 | cm/m \wedge 2 | ----- | Vol/bsa, ES, 2-p | 17 | m \wedge 1/m \wedge 2 |
| EDA, A4C | 24.5 | cm \wedge 2 | ----- | AP dim, ES MM | 3.5 | cm |
| ESA, A4C | 13.4 | cm \wedge 2 | ----- | AP dim index, ES MM | 1.6 | cm/m \wedge 2 |
| FAC, A4C | 45 | % | ----- | | | |
| PW, ED | 1.0 | cm | 0.6 - 1.0 | Aortic valve | value | |
| | | | | | Ref | |

| | | | | | | | | |
|---------------------|-------|--------|-----------------|--------------------|----------------|-------|----------|-------|
| Impressions | | | | | | | | |
| IVS/PW, ED | 1 | ----- | Leaflet sep, MM | 1.9 | cm | ----- | | |
| EDV | 97 | m1 | 62 - 150 | Peak v, S | 1.3 | m/sec | ----- | |
| ESV | 22 | m1 | 21 - 61 | Mean v, S | 0.93 | m/sec | ----- | |
| EF | 63 | % | 52 - 72 | Mean grad, S | 4 | mm Hg | ----- | |
| SV | 68 | m1 | ----- | Peak grad, S | 7 | mm Hg | ----- | |
| EDV/bsa | 46 | m1/m^2 | 34 - 74 | LVOT/AV, VTI ratio | 0.81 | ----- | | |
| ESV/bsa | (L) | 10 | m1/m^2 | 11 - 31 | AVA, VTI | 2.8 | cm^2 | ----- |
| SV/bsa | | 32 | m1/m^2 | ----- | AVA/bsa, VTI | 1.32 | cm^2/m^2 | ----- |
| SV, 1-p A4C | 44 | m1 | ----- | | | | | |
| SV/bsa, 1-p A4C | 21 | m1/m^2 | ----- | Mitral valve | value | Ref | | |
| EDV, 2-p | (L) | 60 | m1 | 62 - 150 | Peak E | 1.08 | m/sec | ----- |
| ESV, 2-p | | 22 | m1 | 21 - 61 | Peak A | 0.52 | m/sec | ----- |
| SV, 2-p | | 38 | m1 | ----- | Decel time | 211 | ms | ----- |
| EDV/bsa, 2-p | (L) | 28 | m1/m^2 | 34 - 74 | Peak grad, D | 5 | mm Hg | ----- |
| ESV/bsa, 2-p | (L) | 10 | m1/m^2 | 11 - 31 | Peak E/A ratio | 2.1 | ----- | |
| SV/bsa, 2-p | | 17.9 | m1/m^2 | ----- | | | | |
| IVRT | 74 | ms | ----- | Pulmonic valve | value | Ref | | |
| E', lat ann, TDI | 13.9 | cm/sec | >=10 | PR v, ED | 1.13 | m/sec | ----- | |
| E/e', lat ann, TDI | 8 | ----- | | PR grad, ED | 5 | mm Hg | ----- | |
| A', lat ann, TDI | 7.3 | cm/sec | ----- | | | | | |
| E'/a', lat ann, TDI | 1.9 | ----- | | Tricuspid valve | value | Ref | | |
| E', med ann, TDI | 8.4 | cm/sec | >=7 | TR peak v | 2.2 | m/sec | <=2.8 | |
| E/e', med ann, TDI | 13 | ----- | | Peak RV-RA grad, S | 19 | mm Hg | ----- | |
| A', med ann, TDI | 10.2 | cm/sec | ----- | Max TR vel | 2.09 | m/sec | ----- | |
| E'/a', med ann, TDI | 0.82 | ----- | | | | | | |
| E', avg, TDI | 11.15 | cm/sec | ----- | Aortic root | value | Ref | | |
| E/e', avg, TDI | 10 | ----- | <=14 | Root diam, ED | 3.0 | cm | <3.8 | |
| LVOT | value | Ref | | Pulmonary artery | value | Ref | | |
| Diam, S | 2.1 | cm | ----- | Pressure, S | 27 | mm Hg | ----- | |
| Area | 3.5 | cm^2 | ----- | Pressure ED | 13 | mm Hg | ----- | |
| Ventricular septum | value | Ref | | Systemic veins | value | Ref | | |
| IVS, ED | 1.0 | cm | 0.6 - 1.0 | Estimated CVP | 8 | mm Hg | ----- | |
| Right ventricle | value | Ref | | | | | | |
| Pressure, S | 27 | mm Hg | ----- | | | | | |

Legend:
(L) and (H) mark values outside specified reference range.

Prepared and electronically signed by
Marianna Krive, DO
03/20/2021 14:10

Narrative

Procedure Note

Marianna Krive, DO - 03/20/2021

Formatting of this note might be different from the original.

Advocate Lutheran General Hospital

1775 Dempster Street

Park Ridge, IL 60068

Transthoracic Echocardiogram (TTE)

Patient: Sajjad, Mohammad I Study Date/Time: Mar 20 2021 11:36AM

MRN: 11141626 FIN#: 10230938600

DOB: 05/23/1984 Ht/Wt: 180.3cm 92.1kg

Age: 36 BSA/BMI: 2.12m^2 28.3kg/m^2

Gender: M Baseline BP: 115 / 94

Attending Physician: Hai, Khola A

Performing Physician: Marianna Krive, DO

Diagnostic Physician: Marianna Krive, DO

Sonographer: Michael Basile, RDCS, AE-PE

Fellow: Katarzyna Mikrut MD

-----INDICATIONS: Evaluation for PFO.

-----STUDY CONCLUSIONS

SUMMARY:

1. Left ventricle: The cavity size is normal. Wall thickness is normal.

Procedure Note

The ejection fraction was measured by biplane method of disks. Wall motion is normal; there are no regional wall motion abnormalities. The tissue Doppler parameters are normal. Left ventricular diastolic function parameters are normal. The ejection fraction is 63%.

2. Aortic valve: Transvalvular velocity is within the normal range. There is no stenosis. No regurgitation.

3. Right ventricle: Systolic function is normal. Systolic pressure is within the normal range. The estimated peak pressure is 28mm Hg.

4. Atrial septum: Color doppler and agitated saline contrast study shows no obvious shunt.

5. Tricuspid valve: Mild regurgitation.

6. Pericardium, extracardiac: There is no pericardial effusion.

Recommendations: Transesophageal echocardiography if clinically indicated.

-----STUDY DATA: There is no prior study available for comparison at this time.

Procedure: Transthoracic echocardiography was performed. Image quality was good. Intravenous contrast (agitated saline) x 3 was administered to identify shunting. M-mode, complete 2D, complete spectral Doppler, and color Doppler. Study status: Routine. Study completion: There were no complications.

FINDINGS

LEFT VENTRICLE: The cavity size is normal. Wall thickness is normal. There is no hypertrophy. Systolic function is normal. Wall motion is normal; there are no regional wall motion abnormalities. The ejection fraction was measured by biplane method of disks. The ejection fraction is 63%. The tissue Doppler parameters are normal. Left ventricular diastolic function parameters are normal.

AORTIC VALVE: The annulus is noncalcified. The valve is trileaflet. The leaflets are normal thickness. Cusp separation is normal. Mobility is not restricted. Doppler: Transvalvular velocity is within the normal range. There is no stenosis. No regurgitation. The LVOT to aortic valve VTI ratio is 0.81. The valve area by the velocity-time integral method is 2.8cm^2 . The valve area index by the velocity-time integral method is $1.32\text{cm}^2/\text{m}^2$. The mean systolic gradient is 4mm Hg. The peak systolic gradient is 7mm Hg.

AORTA: Aortic root: The aortic root is normal in size.

MITRAL VALVE: Structurally normal valve. The annulus is noncalcified. The leaflets are normal thickness. Leaflet separation is normal. Mobility is not restricted. No echocardiographic evidence for prolapse. Doppler: Transvalvular velocity is within the normal range. There is no evidence for stenosis. Trivial regurgitation. The peak diastolic gradient is 5mm Hg.

ATRIAL SEPTUM: Color doppler and agitated saline contrast study shows no obvious shunt.

LEFT ATRIUM: The atrium is normal in size.

RIGHT VENTRICLE: The cavity size is normal. Wall thickness is normal. Systolic function is normal. Systolic pressure is within the normal range. The estimated peak pressure is 28mm Hg.

VENTRICULAR SEPTUM: Thickness is normal.

PULMONIC VALVE: Structurally normal valve. Cusp separation is normal. Doppler: Transvalvular velocity is within the normal range. No regurgitation.

TRICUSPID VALVE: The leaflets are normal thickness. Leaflet separation is normal. Doppler: Transvalvular velocity is within the normal range. Mild regurgitation.

RIGHT ATRIUM: The atrium is normal in size.

PERICARDIUM: There is no pericardial effusion.

SYSTEMIC VEINS:

Inferior vena cava: The vessel is normal in size. The respirophasic diameter changes are in the normal range (greater than or equal to 50%).

BASELINE ECG: Normal sinus rhythm.

-----Measurements

Left ventricle Value Ref Left atrium Value Ref

EDD, LAX chord 4.6 cm 4.2 - 5.8 SI dim, A4C 3.5 cm -----

ESD, LAX chord 2.8 cm 2.5 - 4.0 Area ES, A4C 14 cm² <=20

EDD/bsa, LAX chord 2.2 cm/m² 2.2 - 3.0 Area ES, A2C 16 cm² -----

ESD/bsa, LAX chord 1.3 cm/m² 1.3 - 2.1 Vol/bsa, S 17 ml/m² 16 - 34

PW, ED, LAX 1.0 cm 0.6 - 1.0 Vol, ES, 1-p A4C 28 ml 18 - 58

EDD major ax, A4C 7.7 cm ----- Vol/bsa, ES, 1-p A4C 13 ml/m² 12 - 37

ESD major ax, A4C 6.3 cm ----- Vol, ES, 1-p A2C 42 ml 18 - 58

FS major axis, A4C 18 % ----- Vol/bsa, ES, 1-p A2C 20 ml/m² 11 - 43

EDD/bsa major ax, A4C 3.6 cm/m² ----- Vol, ES, 2-p 35 ml -----

ESD/bsa major ax, A4C 3.0 cm/m² ----- Vol/bsa, ES, 2-p 17 ml/m² 16 - 34

EDA, A4C 24.5 cm² ----- AP dim, ES MM 3.5 cm 3.0 - 4.0

ESA, A4C 13.4 cm² ----- AP dim index, ES MM 1.6 cm/m² 1.5 - 2.3

FAC, A4C 45 % -----

PW, ED 1.0 cm 0.6 - 1.0 Aortic valve Value Ref

IVS/PW, ED 1 ----- Leaflet sep, MM 1.9 cm -----

EDV 97 ml 62 - 150 Peak v, S 1.3 m/sec -----

ESV 22 ml 21 - 61 Mean v, S 0.93 m/sec -----

EF 63 % 52 - 72 Mean grad, S 4 mm Hg -----

SV 68 ml ----- Peak grad, S 7 mm Hg -----

EDV/bsa 46 ml/m² 34 - 74 LVOT/AV, VTI ratio 0.81 -----

ESV/bsa (L) 10 ml/m² 11 - 31 AVA, VTI 2.8 cm² -----

SV/bsa 32 ml/m² ----- AVA/bsa, VTI 1.32 cm²/m² -----

SV, 1-p A4C 44 ml -----

SV/bsa, 1-p A4C 21 ml/m² ----- Mitral valve Value Ref

EDV, 2-p (L) 60 ml 62 - 150 Peak E 1.08 m/sec -----

ESV, 2-p 22 ml 21 - 61 Peak A 0.52 m/sec -----

SV, 2-p 38 ml ----- Decel time 211 ms -----

EDV/bsa, 2-p (L) 28 ml/m² 34 - 74 Peak grad, D 5 mm Hg -----

ESV/bsa, 2-p (L) 10 ml/m² 11 - 31 Peak E/A ratio 2.1 -----

SV/bsa, 2-p 17.9 ml/m² -----

IVRT 74 ms ----- Pulmonic valve Value Ref

E', lat ann, TDI 13.9 cm/sec >=10 PR v, ED 1.13 m/sec -----

E/e', lat ann, TDI 8 ----- PR grad, ED 5 mm Hg -----

A', lat ann, TDI 7.3 cm/sec -----

E'/a', lat ann, TDI 1.9 ----- Tricuspid valve Value Ref

E', med ann, TDI 8.4 cm/sec >=7 TR peak v 2.2 m/sec <=2.8

E/e', med ann, TDI 13 ----- Peak RV-RA grad, S 19 mm Hg -----

A', med ann, TDI 10.2 cm/sec ----- Max TR vel 2.09 m/sec -----

E'/a', med ann, TDI 0.82 -----

E', avg, TDI 11.15 cm/sec ----- Aortic root Value Ref

E/e', avg, TDI 10 <=14 Root diam, ED 3.0 cm <3.8

LVOT Value Ref Pulmonary artery Value Ref

Diam, S 2.1 cm ----- Pressure, S 27 mm Hg -----

Area 3.5 cm² ----- Pressure ED 13 mm Hg -----

Ventricular septum Value Ref Systemic veins Value Ref

IVS, ED 1.0 cm 0.6 - 1.0 Estimated CVP 8 mm Hg -----

Right ventricle Value Ref

Pressure, S 27 mm Hg -----

Legend:

(L) and (H) mark values outside specified reference range.

Procedure Note

Prepared and electronically signed by

Marianna Krive, DO

03/20/2021 14:10

| Authorizing Provider | Result Type | Result Status |
|-----------------------|--------------------|---------------|
| Rosemary O'Toole APNP | CV ECHO ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------|---------|---------------------|--------------|
| AURORA HEALTH CARE RADIOLOGY | | | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (03/20/2021 9:36 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 246 (H) | 70 - 99 mg/dL | | 03/20/2021 9:36 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: Capillary Sample

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|------------------------|------------------------|
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | 03/20/2021 9:36 AM CDT | 03/20/2021 9:46 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------------------|---------------|
| Khola Hai MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (03/20/2021 8:15 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|----------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 11.6 (H) | 4.2 - 11.0 K/mcL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.11 (L) | 4.50 - 5.90 mil/ mcL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 11.3 (L) | 13.0 - 17.0 g/ dL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 34.6 (L) | 39.0 - 51.0 % | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 84.2 | 78.0 - 100.0 fl | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------------|-----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| MCH | 27.5 | 26.0 - 34.0 pg | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 32.7 | 32.0 - 36.5 g/dL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.1 | 11.0 - 15.0 % | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 39.8 | 39.0 - 50.0 fL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 234 | 140 - 450 K/mcL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 87 | % | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 8 | % | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 4 | % | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 10.1 (H) | 1.8 - 7.7 K/mcL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 1.0 | 1.0 - 4.8 K/mcL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.4 | 0.3 - 0.9 K/mcL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.1 | 0.0 - 0.2 K/mcL | | 03/20/2021 8:32 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 8:15 AM CDT | 03/20/2021 8:21 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/20/2021 8:32 AM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--------------|--|--|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) FIBRINOGEN ACTIVITY - Final result (03/20/2021 8:15 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| Fibrinogen | 182 (L) | 190 - 425 mg/dL | | 03/20/2021 8:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 8:15 AM CDT | | 03/20/2021 8:21 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--------------|--|--|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

PARTIAL THROMBOPLASTIN TIME - Final result (03/20/2021 8:15 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 24 | 22 - 30 sec | | 03/20/2021 8:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 8:15 AM CDT | 03/20/2021 8:21 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/20/2021 8:42 AM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PROTHROMBIN TIME - Final result (03/20/2021 8:15 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|-----------------|----------------|-------------|------------------------|------------------------------------|-----------------------|
| Protome- PT | 12.3 (H) | 9.7 - 11.8 sec | | 03/20/2021 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.2 | <=5.0 | | 03/20/2021 8:50 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 8:15 AM CDT | 03/20/2021 8:21 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PHOSPHORUS - Final result (03/20/2021 8:15 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| Phosphorus | 3.0 | 2.4 - 4.7 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 8:15 AM CDT | 03/20/2021 8:21 AM CDT | | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

MAGNESIUM - Final result (03/20/2021 8:15 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| Magnesium | 2.4 | 1.7 - 2.4 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 8:15 AM CDT | 03/20/2021 8:21 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) BASIC METABOLIC PANEL - Final result (03/20/2021 8:15 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Fasting Status | | | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 142 | 135 - 145 mmol/L | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 3.7 | 3.4 - 5.1 mmol/L | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 111 (H) | 98 - 107 mmol/L | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 26 | 21 - 32 mmol/L | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 9 (L) | 10 - 20 mmol/L | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|-----------------|-------------------------------|-------------|------------------------|------------------------------------|-----------------------|
| Glucose | 226 (H) | 65 - 99 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 14 | 6 - 20 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.49 (L) | 0.67 - 1.17 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >90 mL/min/1.73m ² | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: eGFR results = or >90 mL/min/1.73m² = Normal kidney function.

| | | | | | | |
|---------|----------------|------------------|--|------------------------|------------------------------------|--|
| BUN/Cr | 29 (H) | 7 - 25 | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.3 (L) | 8.4 - 10.2 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 8:15 AM CDT | 03/20/2021 8:21 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | | |
|------------------------------------|--------------------------|----------------------|--------------|--|
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

(ABNORMAL) LIPID PANEL WITH REFLEX - Final result (03/20/2021 8:15 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|-------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| Fasting Status | | | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Cholesterol | 146 | <=199 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Triglycerides | 116 | <=149 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment:

| | |
|-----------------|------------|
| Desirable | <200 |
| Borderline High | 200 to 239 |
| High | >=240 |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature | | |
|---------------------------------------|------------------------------------|----------------------------|---------------------------|------------------------------|---|-----------------------|--|--|
| Comment: | | | | | | | | |
| Normal | <150 | | | | | | | |
| Borderline High | 150 to 199 | | | | | | | |
| High | 200 to 499 | | | | | | | |
| Very High | >=500 | | | | | | | |
| HDL | 39 (L) | >=40 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | | | |
| Comment: | | | | | | | | |
| Low | <40 | | | | | | | |
| Borderline Low | 40 to 49 | | | | | | | |
| Near Optimal | 50 to 59 | | | | | | | |
| Optimal | >=60 | | | | | | | |
| LDL | 84 | <=129 mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | | | |
| Comment: | | | | | | | | |
| OPTIMAL | <100 | | | | | | | |
| NEAR OPTIMAL | 100 to 129 | | | | | | | |
| BORDERLINE HIGH | 130 to 159 | | | | | | | |
| HIGH | 160 to 189 | | | | | | | |
| VERY HIGH | >=190 | | | | | | | |
| Non-HDL Cholesterol | 107 | mg/dL | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | | | |
| Comment: | | | | | | | | |
| Therapeutic Target: | | | | | | | | |
| CHD and risk equivalents | <130 | | | | | | | |
| Multiple risk factors | <160 | | | | | | | |
| 0 to 1 risk factor | <190 | | | | | | | |
| Cholesterol/ HDL Ratio | 3.7 | <=4.4 | | 03/20/2021 8:53 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | | | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/20/2021 8:15 AM CDT | 03/20/2021 8:21 AM CDT | | | | |
| Narrative | | | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | | | |
| Maria Gordan MD | BKR LAB BLOOD ORDERABLES | Final Result | | | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | | | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (03/19/2021 7:50 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|---------------------|-------------|------------------------------|---|-----------------------|
| WBC | 14.8 (H) | 4.2 - 11.0 K/mcL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------|-----------------|---------------------|-------------|------------------------|------------------------------------|-----------------------|
| RBC | 4.22 (L) | 4.50 - 5.90 mil/mcL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 11.4 (L) | 13.0 - 17.0 g/dL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 35.9 (L) | 39.0 - 51.0 % | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 85.1 | 78.0 - 100.0 fl | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 27.0 | 26.0 - 34.0 pg | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 31.8 (L) | 32.0 - 36.5 g/dL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.0 | 11.0 - 15.0 % | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 39.5 | 39.0 - 50.0 fL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 258 | 140 - 450 K/mcL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 88 | % | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 7 | % | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 4 | % | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|----------------------------------|----------------------------|------------------------|------------------------------|---|-----------------------|
| Immature Granulocytes | 1 | % | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 13.2 (H) | 1.8 - 7.7 K/mcL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 1.0 | 1.0 - 4.8 K/mcL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.5 | 0.3 - 0.9 K/mcL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.1 | 0.0 - 0.2 K/mcL | | 03/19/2021 8:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 7:50 PM CDT | 03/19/2021 7:56 PM CDT | | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/19/2021 8:02 PM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|---------------|----------------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

(ABNORMAL) FIBRINOGEN ACTIVITY - Final result (03/19/2021 7:50 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------------|---|-----------------------|
| Fibrinogen | 177 (L) | 190 - 425 mg/dL | | 03/19/2021 8:47 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 7:50 PM CDT | 03/19/2021 7:56 PM CDT | | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

PARTIAL THROMBOPLASTIN TIME - Final result (03/19/2021 7:50 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| PTT | 25 | 22 - 30 sec | | 03/19/2021 8:39 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 7:50 PM CDT | 03/19/2021 7:56 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/19/2021 8:39 PM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

(ABNORMAL) PROTHROMBIN TIME - Final result (03/19/2021 7:50 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-----------------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| Protome- PT | 12.5 (H) | 9.7 - 11.8 sec | | 03/19/2021 8:28 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.2 | <=5.0 | | 03/19/2021 8:28 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 7:50 PM CDT | 03/19/2021 7:55 PM CDT | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-----------------|----------------------------------|----------------------------|------------------------|------------------------------------|-----------------------|
| Protome- PT | 12.5 (H) | 9.7 - 11.8 sec | | 03/19/2021 8:28 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.2 | <=5.0 | | 03/19/2021 8:28 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 7:50 PM CDT | 03/19/2021 7:55 PM CDT | |

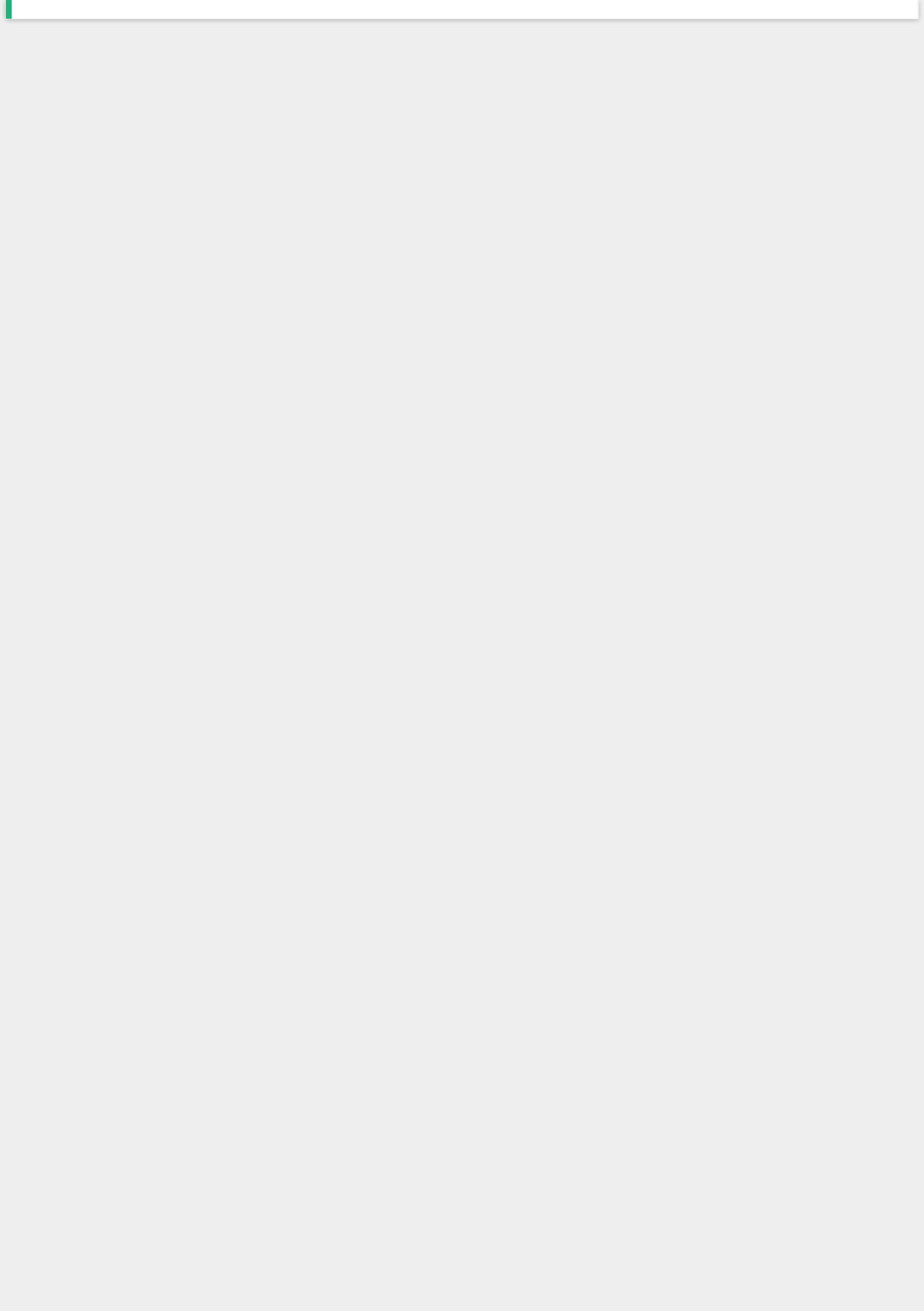
Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PROTHROMBIN GENOTYPE - Final result (03/19/2021 6:15 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--|---|--|-------------|------------------------------|--------------------------|-----------------------|
| Prothrombin (F2) G20210A Mutation | Not Detected | Not Detected | | 03/23/2021 2:38 PM CDT | ACL IL CENTRAL LAB | |
| Prothrombin (F2) G20210A Interpretation | No increased risk for venous thrombosis. | No increased risk for venous thrombosis. | | 03/23/2021 2:38 PM CDT | ACL IL CENTRAL LAB | |
| Procedural Notes | The prothrombin (F2 g.21538G>A)* mutation causes elevated plasma prothrombin levels, which in turn increase the risk for a thrombotic event. Increased levels of prothrombin also pose a risk for myocardial infarction if other risk factors such as smoking, hypertension, diabetes mellitus, or obesity exist. A single copy (heterozygote) increases the risk of venous thrombosis from between 3 to 11 percent; two copies (homozygous) further increase this risk, but the exact degree is uncertain because this is an unusual occurrence and not well studied. The risk of thrombosis may be further increased when this mutation occurs in the setting of other mutations affecting thrombosis (e.g. factor V) or other predisposing factors (e.g. surgery, oral contraceptives, etc.). Reference: Van Cott et al., Laboratory | | | 03/23/2021 2:38 PM CDT | ACL IL CENTRAL LAB | |



| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---|-----------|-------------|---------------|--------------|-----------------------|
| | <p>evaluation of hypercoagulability with venous or arterial thrombosis, Arch Pathol Lab Med (2002). A region of the Factor II gene spanning the F2 g.21538G>A (prothrombin G20210A)* mutation was amplified by PCR and the genotype determined by allele specific hybridization probes.</p> <p>*Nomenclature has been revised according to the Human Genome Variation Society recommendations.</p> <p>This result was obtained by real-time PCR with allele-specific TaqMan probes to detect one single nucleotide polymorphism (SNP). This test was developed and its performance characteristics were determined by ACL Laboratories. It has not been cleared or approved by the US Food and Drug Administration. FDA does not require this test to go through premarket FDA review. This test is used for clinical purposes. It should not be regarded as investigational or for research. This laboratory is certified under the Clinical Laboratory Improvement Amendments (CLIA) as qualified to perform high complexity clinical laboratory</p> | | | | | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 6:15 PM CDT | 03/19/2021 6:20 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|-------------------------|-------------------------|---------------------|--------------|
| Shams Bufalino MD | BKR LAB MOLEC DIAGN ORD | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 | |

MYELOPEROXIDASE AND PROTEASE 3 ANTIBODY - Final result (03/19/2021 6:15 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------------|-------|-----------|-------------|------------------------|--------------------|-----------------------|
| Myeloperoxidase Antibody, IgG | <0.2 | <1.0 AI | | 03/20/2021 7:24 AM CDT | ACL IL CENTRAL LAB | |
| Serine Protease 3 Antibody, IgG | <0.2 | <1.0 AI | | 03/20/2021 7:24 AM CDT | ACL IL CENTRAL LAB | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 6:15 PM CDT | 03/19/2021 6:21 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|-------------------------|--------------------------|---------------------|--------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 | |

HOMOCYSTEINE TOTAL - Final result (03/19/2021 6:15 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------|-------|-----------|-------------|------------------------|--------------------|-----------------------|
| Homocysteine, Total | 8.0 | mcmol/L | | 03/20/2021 3:25 AM CDT | ACL IL CENTRAL LAB | |

Comment:

| Fasting Basal | Folate SUPP | Non SUPP |
|--------------------|-------------|----------|
| Pregnancy | <8 | <10 |
| Children <15 years | <8 | <10 |
| Adults 15-65 years | <12 | <15 |
| Elderly >65 | <16 | <20 |

Reference ranges for homocysteine levels have not been established. Available data indicate a dependence on age, gender, diet and genetic factors. The above values are derived from an assessment of the published literature. Refsum, H. et al., Clinical Chemistry 50:3 to 31(2004)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 6:15 PM CDT | 03/19/2021 6:25 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|-------------------------|--------------------------|---------------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 |

CARDIOLIPIN ANTIBODY PANEL - Final result (03/19/2021 6:15 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------|-------|-----------|-------------|-------------------------------|--------------------------|-----------------------|
| Cardiolipin Antibody, IgA | <20 | <20 | APL | 03/22/2021 11:03 PM CDT | ACL IL CENTRAL LAB | |
| Cardiolipin Antibody, IgG | <20 | <20 | GPL | 03/22/2021 11:03 PM CDT | ACL IL CENTRAL LAB | |
| Cardiolipin Antibody, IgM | <20 | <20 | MPL | 03/22/2021 11:03 PM CDT | ACL IL CENTRAL LAB | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 6:15 PM CDT | 03/19/2021 6:21 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|-------------------------|--------------------------|---------------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 |

BETA 2 GLYCOPROTEIN PANEL - Final result (03/19/2021 6:15 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------------------------|-------|-----------|-------------|------------------------------|--------------------------|-----------------------|
| Beta 2 Glycoprotein Antibody, IgG | <20 | <20 | SGU | 03/22/2021 9:21 PM CDT | ACL IL CENTRAL LAB | |
| Beta 2 Glycoprotein Antibody, IgA | <20 | <20 | SAU | 03/22/2021 9:21 PM CDT | ACL IL CENTRAL LAB | |
| Beta 2 Glycoprotein Antibody, IgM | <20 | <20 | SMU | 03/22/2021 9:21 PM CDT | ACL IL CENTRAL LAB | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 6:15 PM CDT | 03/19/2021 6:21 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|-------------------------|--------------------------|---------------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|-------------------------|-------------------|---------------------|--------------|
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 | |

ANA SCREEN WITH ANTIBODY AND IFA REFLEX - Final result (03/19/2021 6:15 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---|----------|-----------|-------------|------------------------------|--------------------------|-----------------------|
| ANA Screen With Antibody And IFA Reflex | Negative | Negative | | 03/20/2021 7:24 AM CDT | ACL IL CENTRAL LAB | |

Comment: Specimen is negative by multiplex immunoassay for the following antinuclear antibodies: dsDNA, Chromatin, Ribosomal P, SSA, SSB, Sm, Sm/RNP, RNP, Scl-70, Jo-1 and Centromere.

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 6:15 PM CDT | 03/19/2021 6:21 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|-----------------------------|---------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|-------------------------|-------------------|---------------------|--------------|
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 | |

(ABNORMAL) LUPUS ANTICOAGULANT - Final result (03/19/2021 6:15 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--|--|--------------------|-------------|------------------------------|--------------------------|-----------------------|
| Lupus Anticoagulant Pathologist Interpretation | Test results are negative for a circulating Lupus Anticoagulant (LA). Clinical correlation is recommended. | | | 03/22/2021 6:47 AM CDT | ACL IL CENTRAL LAB | |
| PTT Lupus Anticoagulant | 22.2 | 22.0 - 30.0 sec | | 03/22/2021 6:47 AM CDT | ACL IL CENTRAL LAB | |

Comment: Specimen neutralized for heparin contamination PRIOR to testing.

| | | | | | |
|---------------------------------|------|-----------|--|------------------------------|--------------------------|
| Dilute Russell Viper Venom Test | 44.8 | <46.0 sec | | 03/22/2021 6:47 AM CDT | ACL IL CENTRAL LAB |
|---------------------------------|------|-----------|--|------------------------------|--------------------------|

| | | | | | |
|---------------|-----------------|--------------------|--|------------------------------|--------------------------|
| Thrombin Time | 26.3 (H) | 15.3 - 21.1 sec | | 03/22/2021 6:47 AM CDT | ACL IL CENTRAL LAB |
|---------------|-----------------|--------------------|--|------------------------------|--------------------------|

Comment: The Thrombin Time does not correct after Hepzyme treatment, an interfering substance may be present which renders interpretation of results unreliable

| | | | | | |
|------------------------------|------|----------|--|------------------------------|--------------------------|
| Unfractionated Heparin Assay | 0.17 | Units/mL | | 03/22/2021 6:47 AM CDT | ACL IL CENTRAL LAB |
|------------------------------|------|----------|--|------------------------------|--------------------------|

Comment: The unfractionated heparin level result is an anti Xa level measured on a calibrated unfractionated heparin curve. This test can detect other drugs which inhibit factor Xa, but the level will not be accurate for those drugs.

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 6:15 PM CDT | 03/19/2021 6:20 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|-------------------------|--------------------------|---------------------|--------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 | |

ACTIVATED PROTEIN C RESISTANCE, WITH REFLEX (PERFORMABLE ONLY) (ACTIVATED PROTEIN C RESISTANCE, WITH REFLEX) - Final result (03/19/2021 6:15 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|----------------------------------|----------------------------|-------------|------------------------|------------------------|------------------------|
| Activated Protein C Resistance | 2.61 | >=1.95 ratio | | 03/22/2021 7:19 PM CDT | ACL IL CENTRAL LAB | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | | Collection Time | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | | 03/19/2021 6:15 PM CDT | 03/19/2021 6:20 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|-------------------------|--------------------------|---------------------|--------------|
| Shams Bufalino MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (03/19/2021 12:51 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|------------------------------------|----------------------------|-------------|-------------------------|------------------------------------|-------------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 188 (H) | 70 - 99 mg/dL | | 03/19/2021 12:51 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | | Collection Time | Received Time |
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | | | 03/19/2021 12:51 PM CDT | 03/19/2021 12:53 PM CDT |

Comment: Capillary Sample

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|-------------------------------|----------------------|--------------|
| Khola Hai MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

IR THROMBOLYSIS (IR TRANSCATHETER ARTERIAL THROMBOLYSIS CESSATION W THERAPY AND REMOVAL OF CATH) - Final result (03/19/2021 11:06 AM CDT)

| Anatomical Region | Laterality | Modality | | |
|-----------------------------------|----------------------------------|----------------------------|----------------------------|---------------|
| Chest, Vascular Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 03/19/2021 12:38 PM CDT | |

Impressions

03/19/2021 12:53 PM CDT

Impression:

Status post successful thrombolysis and angioplasty of the distal right SFA and popliteal artery.

Recommend restarting anticoagulation later today.

Recommend vasculitis workup. Other possibilities include popliteal entrapment syndrome.

Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 3/19/2021 12:53 PM

Narrative

03/19/2021 12:53 PM CDT

Narrative

Right lower extremity arteriogram and thrombolysis follow-up angiogram:

History: RLE POPLITEAL ARTERY OCCLUSION, thrombolysis initiated yesterday.

Procedure:

Properly witnessed informed consent was obtained by myself, Dr. Andy Park, from the patient/caregiver with discussion of relevant risks, benefits, likelihood of success and alternatives of the procedure being covered and understood. Specific risks discussed and understood included bleeding and infection. The patient was given the opportunity to ask questions, all questions were answered, and the patient verbalized understanding.

A timeout was performed, initiated by the physician performing the procedure, with confirmation of the patient's identification, allergies, appropriate site/procedure, available equipment, informed consent and medical records.

Procedure was based upon prior CT angiogram obtained on 03/18/2021 at 0522 hours

Moderate Sedation:

Moderate sedation was provided throughout the procedure by IR nursing personnel using Fentanyl and Versed administered intravenously. The nurse (independent trained observer) assisted in monitoring the patient's level of consciousness and physiologic status throughout the procedure. I was present throughout the procedure and supervised the sedation.

Total Sedation time: 20 minutes

Fluoroscopy time: 2.8 minutes

Contrast used: CO₂ and 16 mL of Gadavist (iodinated contrast was not utilized due to history of anaphylaxis)

The area of the right groin with sheath and infusion catheter were prepped and draped in sterile fashion and all elements of maximal sterile barrier technique were used. 1% lidocaine was used for local anesthesia.

Through the infusion catheter which was positioned within the distal right superficial femoral artery contrast was injected and angiogram was obtained.

Arteriogram shows significant improvement however there is irregularity of the popliteal artery with small amount of residual clot present.

A Glidewire was placed and advanced beyond the popliteal artery into the tibial peroneal trunk. Over-the-wire a 5 mm balloon was placed and angioplasty of the popliteal artery and distal right superficial femoral artery was performed. Repeat angiogram shows significant improvement in vessel, with good antegrade flow. There are strong dopplerable PT and DP pulses.

Catheter was removed. Right groin sheath was removed after placement of Mynx closure device which achieved hemostasis. Sterile dressing was placed.

Procedure Note

Hong Park, MD - 03/19/2021

Formatting of this note might be different from the original.

Right lower extremity arteriogram and thrombolysis follow-up angiogram:

History: RLE POPLITEAL ARTERY OCCLUSION, thrombolysis initiated yesterday.

Procedure:

Properly witnessed informed consent was obtained by myself, Dr. Andy Park, from the patient/caregiver with discussion of relevant risks, benefits, likelihood of success and alternatives of the procedure being covered and understood. Specific risks discussed and understood included bleeding and infection. The patient was given the opportunity to ask questions, all questions were answered, and the patient verbalized understanding.

A timeout was performed, initiated by the physician performing the procedure, with confirmation of the patient's identification, allergies, appropriate site/procedure, available equipment, informed consent and

Procedure Note
medical records.

Procedure was based upon prior CT angiogram obtained on 03/18/2021 at 0522 hours

Moderate Sedation:

Moderate sedation was provided throughout the procedure by IR nursing personnel using Fentanyl and Versed administered intravenously. The nurse (independent trained observer) assisted in monitoring the patient's level of consciousness and physiologic status throughout the procedure. I was present throughout the procedure and supervised the sedation.

Total Sedation time: 20 minutes

Fluoroscopy time: 2.8 minutes

Contrast used: CO2 and 16 mL of Gadavist (iodinated contrast was not utilized due to history of anaphylaxis)

The area of the right groin with sheath and infusion catheter were prepped and draped in sterile fashion and all elements of maximal sterile barrier technique were used. 1% lidocaine was used for local anesthesia.

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A Glidewire was placed and advanced beyond the popliteal artery into the tibial peroneal trunk. Over-the-wire a 5 mm balloon was placed and angioplasty of the popliteal artery and distal right superficial femoral artery was performed. Repeat angiogram shows significant improvement in vessel, with good antegrade flow. There are strong dopplerable PT and DP pulses.

Catheter was removed. Right groin sheath was removed after placement of Mynx closure device which achieved hemostasis. Sterile dressing was placed.

IMPRESSION:

Impression:

Status post successful thrombolysis and angioplasty of the distal right SFA and popliteal artery.

Recommend restarting anticoagulation later today.

Recommend vasculitis workup. Other possibilities include popliteal entrapment syndrome.

Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 3/19/2021 12:53 PM

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Hong Park MD | IMG IR PROCEDURES | Final Result |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (03/19/2021 10:21 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------|-----------------|---------------------|-------------|-------------------------|------------------------------------|-----------------------|
| WBC | 15.8 (H) | 4.2 - 11.0 K/mcL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.20 (L) | 4.50 - 5.90 mil/mcL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 11.6 (L) | 13.0 - 17.0 g/dL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 35.2 (L) | 39.0 - 51.0 % | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 83.8 | 78.0 - 100.0 fL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 27.6 | 26.0 - 34.0 pg | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 33.0 | 32.0 - 36.5 g/dL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 12.9 | 11.0 - 15.0 % | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 38.9 (L) | 39.0 - 50.0 fL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 253 | 140 - 450 K/mcL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 89 | % | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 8 | % | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 2 | % | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|-----------------|--------------------|-------------|-------------------------------|---|-----------------------|
| Basophils, Percent | 0 | % | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 14.1 (H) | 1.8 - 7.7 K/mcL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 1.2 | 1.0 - 4.8 K/mcL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.4 | 0.3 - 0.9 K/mcL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.1 | 0.0 - 0.2 K/mcL | | 03/19/2021 10:42 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|----------------------------|----------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 10:21 AM CDT | 03/19/2021 10:35 AM CDT |

| Narrative | | | | |
|---|-----------------------------|----------------------|--------------|--|
| ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/19/2021 10:42 AM CDT | | | | |
| This is an appended report. These results have been appended to a previously verified report. | | | | |
| Authorizing Provider | Result Type | Result Status | | |
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | |

FIBRINOGEN ACTIVITY - Final result (03/19/2021 10:21 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|------------------------------------|----------------------------|----------------------------|-------------------------------|---|-----------------------|
| Fibrinogen | 216 | 190 - 425 mg/ dL | | 03/19/2021 10:54 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 10:21 AM CDT | | 03/19/2021 10:35 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

PARTIAL THROMBOPLASTIN TIME - Final result (03/19/2021 10:21 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-------|----------------------------------|----------------------------|-------------------------|------------------------------------|-----------------------|
| PTT | 27 | 22 - 30 sec | | 03/19/2021 10:54 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 10:21 AM CDT | 03/19/2021 10:35 AM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/19/2021 10:54 AM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

(ABNORMAL) PROTHROMBIN TIME - Final result (03/19/2021 10:21 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-----------------|----------------------------------|----------------------------|-------------------------|------------------------------------|-----------------------|
| Protome- PT | 12.2 (H) | 9.7 - 11.8 sec | | 03/19/2021 10:54 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.2 | <=5.0 | | 03/19/2021 10:54 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 10:21 AM CDT | 03/19/2021 10:35 AM CDT | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (03/19/2021 8:52 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------------------------|----------------|------------------|-------------|------------------------------|---|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 205 (H) | 70 - 99 mg/dL | | 03/19/2021 8:52 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|---------------------------------------|----------------------------|---------------------------|---------------------------|
| Blood | CAPILLARY BLOOD SPECIMEN / Unknown | | 03/19/2021 8:52 AM CDT | 03/19/2021 8:59 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------------|---------------|
| Khola Hai MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

FIBRINOGEN ACTIVITY - Final result (03/19/2021 5:30 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------|-------|------------------------|-------------|------------------------------|---|-----------------------|
| Fibrinogen | 228 | 190 - 425 mg/ dL | | 03/19/2021 5:54 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|---------------------------|---------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 5:30 AM CDT | 03/19/2021 5:35 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|-----------------------------|---------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PARTIAL THROMBOPLASTIN TIME - Final result (03/19/2021 5:30 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|----------------|-------------|------------------------------|---|-----------------------|
| PTT | 23 | 22 - 30 sec | | 03/19/2021 5:54 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 5:30 AM CDT | 03/19/2021 5:35 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/19/2021 5:54 AM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PROTHROMBIN TIME - Final result (03/19/2021 5:30 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|-----------------|----------------|-------------|------------------------|------------------------------------|-----------------------|
| Protome- PT | 12.1 (H) | 9.7 - 11.8 sec | | 03/19/2021 5:54 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.2 | <=5.0 | | 03/19/2021 5:54 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 5:30 AM CDT | 03/19/2021 5:35 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (03/19/2021 5:29 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|----------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 15.8 (H) | 4.2 - 11.0 K/mcL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.29 (L) | 4.50 - 5.90 mil/ mcL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------------|-----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| HGB | 11.8 (L) | 13.0 - 17.0 g/dL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 36.1 (L) | 39.0 - 51.0 % | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 84.1 | 78.0 - 100.0 fL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 27.5 | 26.0 - 34.0 pg | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 32.7 | 32.0 - 36.5 g/dL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 12.9 | 11.0 - 15.0 % | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 38.6 (L) | 39.0 - 50.0 fL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 258 | 140 - 450 K/mcL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 87 | % | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 8 | % | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 4 | % | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|----------------------------------|----------------------------|-------------|------------------------------|---|---------------------------|
| Absolute Neutrophils | 13.7 (H) | 1.8 - 7.7 K/mcL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 1.3 | 1.0 - 4.8 K/mcL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.7 | 0.3 - 0.9 K/mcL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.1 | 0.0 - 0.2 K/mcL | | 03/19/2021 5:44 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 03/19/2021 5:29 AM CDT | | 03/19/2021 5:35 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/19/2021 5:44 AM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|---------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | |
| | Park Ridge, IL 60068 | |

PHOSPHORUS - Final result (03/19/2021 5:29 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|-------------|------------------------------|---|---------------------------|
| Phosphorus | 3.6 | 2.4 - 4.7 mg/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | | Received Time |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 03/19/2021 5:29 AM CDT | | 03/19/2021 5:35 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Connor Shannon DO | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
|--|----------------------------------|----------------------------|------------------------|------------------------|------------------------------------|-----------------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |
| MAGNESIUM - Final result (03/19/2021 5:29 AM CDT) | | | | | | |
| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
| Magnesium | 2.2 | 1.7 - 2.4 mg/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 5:29 AM CDT | 03/19/2021 5:35 AM CDT | | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Connor Shannon DO | BKR LAB BLOOD ORDERABLES | Final Result | | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | |

(ABNORMAL) GLYCOHEMOGLOBIN - Final result (03/19/2021 5:29 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|----------------------------------|----------------------------|------------------------|------------------------|--------------------|-----------------------|
| Hemoglobin A1C | 7.7 (H) | 4.5 - 5.6 % | | 03/19/2021 7:29 PM CDT | ACL IL CENTRAL LAB | |
| Comment: | | | | | | |
| Diabetic Screening | | | | | | |
| Non Diabetic: <5.7% | | | | | | |
| Increased Risk: 5.7-6.4% | | | | | | |
| Diagnostic For Diabetes: >6.4% | | | | | | |
| Diabetic Control | | | | | | |
| A1C% | eAG mg/dL | | | | | |
| 6.0 | 126 | | | | | |
| 6.5 | 140 | | | | | |
| 7.0 | 154 | | | | | |
| 7.5 | 169 | | | | | |
| 8.0 | 183 | | | | | |
| 8.5 | 197 | | | | | |
| 9.0 | 212 | | | | | |
| 9.5 | 226 | | | | | |
| 10.0 | 240 | | | | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 5:29 AM CDT | 03/19/2021 5:35 AM CDT | | |
| Narrative | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | |
| Cathleen Knauss CNP | BKR LAB BLOOD ORDERABLES | Final Result | | | | |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|-------------------------|-------------------|---------------------|--------------|
| ACL IL CENTRAL LAB | 5400 Pearl Street | Rosemont, IL 60018 | |

(ABNORMAL) COMPREHENSIVE METABOLIC PANEL - Final result (03/19/2021 5:29 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--|-----------------|-------------------------------|-------------|------------------------------|---|-----------------------|
| Fasting Status | | | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 137 | 135 - 145 mmol/L | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 4.7 | 3.4 - 5.1 mmol/L | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: Slight to moderate hemolysis, result may be falsely increase | | | | | | |
| Chloride | 108 (H) | 98 - 107 mmol/L | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 26 | 21 - 32 mmol/L | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 8 (L) | 10 - 20 mmol/L | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 166 (H) | 65 - 99 mg/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 14 | 6 - 20 mg/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.63 (L) | 0.67 - 1.17 mg/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >90 mL/min/1.73m ² | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Comment: eGFR results = or >90 mL/min/1.73m ² = Normal kidney function. | | | | | | |
| BUN/Cr | 22 | 7 - 25 | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.6 | 8.4 - 10.2 mg/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Bilirubin, Total | 0.5 | 0.2 - 1.0 mg/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------|----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| GOT/AST | 22 | <=37 Units/L | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| GPT/ALT | 32 | <64 Units/L | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Alkaline Phosphatase | 50 | 45 - 117 Units/L | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Albumin | 2.8 (L) | 3.6 - 5.1 g/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Protein, Total | 6.9 | 6.4 - 8.2 g/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Globulin | 4.1 (H) | 2.0 - 4.0 g/dL | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| A/G Ratio | 0.7 (L) | 1.0 - 2.4 | | 03/19/2021 7:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/19/2021 5:29 AM CDT | 03/19/2021 5:35 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|---------------|----------------------|
| Connor Shannon DO | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

FIBRINOGEN ACTIVITY - Final result (03/18/2021 10:34 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|----------------------------------|----------------------------|-------------|-------------------------|------------------------------------|-----------------------|
| Fibrinogen | 321 | 190 - 425 mg/dL | | 03/18/2021 11:19 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | | 03/18/2021 10:34 PM CDT | 03/18/2021 10:40 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

PARTIAL THROMBOPLASTIN TIME - Final result (03/18/2021 10:34 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-------|----------------------------------|----------------------------|-------------------------|------------------------------------|-----------------------|
| PTT | 25 | 22 - 30 sec | | 03/18/2021 11:19 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 03/18/2021 10:34 PM CDT | 03/18/2021 10:40 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 03/18/2021 11:19 PM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Hong Park MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |
| | | Phone Number |

List stopped at 200 results. Some data may be omitted.

Care Teams

| Team Member | Relationship | Specialty | Start Date | End Date |
|---|---------------|-----------------------|------------|----------|
| Zareena Abbas, MD NPI: 1427078872 5140 N CALIFORNIA AVE SUITE 505 CHICAGO, IL 60625 773-561-5000 (Work) 773-561-2503 (Fax) | PCP - General | Internal Medicine | 7/17/25 | |
| Shams Bufalino, MD NPI: 1831488741 1700 LUTHER LANE STE 2200 PARK RIDGE, IL 60068 847-268-8200 (Work) 847-318-2905 (Fax) | | Hematology & Oncology | 4/16/21 | |

Patient Contacts

| Contact Name | Contact Address | Communication | Relationship to Patient |
|--------------|-----------------|-----------------------|---------------------------|
| Hina Ibrahim | Unknown | 773-603-0607 (Mobile) | Spouse, Emergency Contact |

Document Information

Primary Care Provider

Zareena Abbas, MD (Jul. 17, 2025 - Present)
NPI: 1427078872
773-561-5000 (Work)
773-561-2503 (Fax)
5140 N CALIFORNIA AVE
SUITE 505
CHICAGO, IL 60625
Internal Medicine
NorthShore University HealthSystem
2650 Ridge Ave
Evanston, IL 60201

Other Service Providers

Shams Bufalino, MD
NPI: 1831488741
847-268-8200 (Work)
847-318-2905 (Fax)
1700 LUTHER LANE
STE 2200
PARK RIDGE, IL 60068
Hematology & Oncology
Advocate Aurora Health
750 West Virginia Street
Milwaukee, WI 53215

Document Coverage Dates

May 23, 1984 - Jul. 30, 2025

Custodian Organization

Advocate Aurora Health
750 West Virginia Street
Milwaukee, WI 53215

Legal Authenticator

Vice P



If you take your Lucy record on a thumb drive to a different doctor, he or she might be able to use his computer to read the file electronically. Your downloaded, machine-readable Personal Health Summary document is in a format called "CDA." If your doctor has a computer that understands CDA, your information is a folder on your thumb drive called **MachineReadable_XDMFormat**. You might need to enter a password before your doctor can use this file.

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Mohammad I Sajjad

Summary of Care, generated on Jul. 30, 2025

Patient Demographics - Male; born May 23, 1984

| | | |
|---|--|--|
| Patient Address 1275 N NORTHWEST HWY FL 2 (Home) PARK RIDGE, IL 60068-1662 | Patient Name Mohammad I Sajjad | Communication 773-609-0607 (Mobile) misajjad23@gmail.com |
| <i>Former (Apr. 08, 2025 - Apr. 27, 2025):</i> 1275 N Northwest Hwy (Home) Park ridge, IL 60068 | <i>Former / Aliases:</i> Mohammad Sajjad Mohammad Ibrahim Sajjad | |
| <i>Former (Apr. 08, 2025 - Apr. 07, 2025):</i> (Home) | | |
| <i>Former (Apr. 14, 2021 - Apr. 07, 2025):</i> 1275 N NORTHWEST HWY FL 2 (Home) PARK RIDGE, IL 60068-1662 | | |
| Language English - Written | Race / Ethnicity Asian / Not Hispanic or Latino | Marital Status Married/Civil Union |

Note from Advocate Aurora Health

This document contains information that was shared with Mohammad I Sajjad. It may not contain the entire record from Advocate Aurora Health.

Reason for Visit

Authorization/Certification (Routine)

| Specialty | Diagnoses / Procedures | Referred By Contact | Referred To Contact | | | |
|-------------|------------------------|---------------------|---------------------|-----------------|------------------|-------------------|
| 64389827 | | | | | | |
| Referral ID | Status | Reason | Start Date | Expiration Date | Visits Requested | Visits Authorized |
| 64389827 | | | | | 1 | 1 |

Encounter Details

| Date | Type | Department | Care Team (Latest Contact Info) | Description |
|--------------------------------|--------------------|---|---|--|
| 07/28/2025 8:01 AM CDT - | Hospital Encounter | LUTHERAN GENERAL HOSPITAL SURGICAL INTENSIVE CARE 1775 DEMPSTER STREET PARK RIDGE, IL 60068-1143 847-723-6520 | Robert Weiss, MD 1875 DEMPSTER ST STE 550 PARK RIDGE, IL 60068 847-384-1420 (Work) 847-318-9332 (Fax) | Discharge Disposition: Home or Self Care |
| 07/29/2025 4:03 PM CDT | | | Rajeev V | |
| | | | Robyn R, RN | |
| | | | Abigail W, RN | |
| | | | Benedict R | |
| | | | Madhu J, RD | |
| | | | Molly J | |
| | | | Mayda E | |
| | | | Audriana M | |
| | | | Maryknoll L | |
| | | | April I | |
| | | | Linda V, RN | |
| | | | Kellyn B | |

Allergies - documented as of this encounter (statuses as of 07/30/2025)

| Active Allergy | Reactions | Criticality | Noted Date | Comments |
|----------------|-------------|-------------|------------|----------|
| Contrast Media | ANAPHYLAXIS | High | 09/21/2020 | |

Medications - documented as of this encounter (statuses as of 07/30/2025)

| Medication | Sig | Dispense Quantity | Last Filled | Start Date | End Date | Status |
|--|--|-------------------|-------------|------------|------------|--------------|
| atorvastatin (LIPITOR) 40 MG tablet | Take 40 mg by mouth at bedtime. | | | | | Active |
| glipizide-metformin (METAGLIP) 5-500 MG per tablet | Take 1 tablet by mouth in the morning and 1 tablet at noon and 1 tablet in the evening. Take before meals. | | | | | Active |
| pregabalin (LYRICA) 150 MG capsule | Take 150 mg by mouth in the morning and 150 mg at noon and 150 mg in the evening. | | | | | Active |
| EPINEPHRine 0.3 MG/0.3ML auto-injector | Inject 0.3 mLs into the muscle 1 time as needed for Anaphylaxis. | 2 each | | 07/20/2025 | | Active |
| apixaBAN (ELIQUIS) 5 MG Tab | Take 1 tablet by mouth every 12 hours for 2 days. | 30 tablet | | 07/24/2025 | | Active |
| furosemide (LASIX) 20 MG tablet | Take 1 tablet by mouth daily for 4 days. Indications: hold lasix the day of surgery | | | 07/24/2025 | | Active |
| oxyCODONE HCl 10 MG immediate release tablet | Take 1 tablet by mouth 2 times daily as needed (ischemia). | 10 tablet | | 07/24/2025 | | Active |
| losartan (COZAAR) 25 MG tablet | Take 1 tablet by mouth daily for 3 days. | 3 tablet | | 07/24/2025 | | Active |
| NICOTINE TD | | | | | | Active |
| carvedilol (COREG) 6.25 MG tablet | Take 1 tablet by mouth every 12 hours. | 60 tablet | | 07/29/2025 | | Active |
| methylPREDNISolone (MEDROL) 32 MG tablet | Take 1 tablet by mouth daily for 2 days. Take 1 tab 12 hours prior procedure and 2 hours prior | 2 tablet | | 07/24/2025 | 07/26/2025 | Expired |
| carvedilol (COREG) 6.25 MG tablet | Take 1 tablet by mouth every 12 hours. | | | 07/24/2025 | 07/29/2025 | Discontinued |

Active Problems - documented as of this encounter (statuses as of 07/30/2025)

| Problem | Noted Date | Diagnosed Date |
|--|------------|----------------|
| Other heart failure | 07/22/2025 | |
| Essential hypertension, benign | 07/22/2025 | |
| Acute systolic CHF (congestive heart failure), NYHA class 1 | 07/22/2025 | |
| Chest pain | 07/21/2025 | |
| Subclavian vein thromboembolism, acute, left | 07/19/2025 | |
| Left hand pain | 07/17/2025 | |
| Rib pain on right side | 08/21/2024 | |
| Coronary artery disease involving native coronary artery of native heart without angina pectoris | 08/21/2024 | |
| Type 2 diabetes mellitus with hyperglycemia, without long-term current use of insulin | 08/21/2024 | |
| Thromboembolism of lower extremity artery | 08/21/2024 | |
| Ischemic leg pain | 08/21/2024 | |
| Tobacco use disorder | 08/21/2024 | |
| Abdominal pain | 08/20/2024 | |

Social History - documented as of this encounter

| Tobacco Use | Types | Packs/Day | Years Used | Date |
|--|--|-----------|-------------------------|------|
| Smoking Tobacco: Former | Cigarettes | | | |
| Smokeless Tobacco: Never | | | | |
| Tobacco Cessation: Counseling Given: Not Answered | | | | |
| Alcohol Use | Standard Drinks/Week | | | |
| Not Currently | 0 (1 standard drink = 0.6 oz pure alcohol) | | | |
| Utilities | Answer | | Date Recorded | |
| In the past 12 months has the electric, gas, oil, or water company threatened to shut off services in your home? | No | | 07/28/2025 | |
| PHQ-2 | Answer | | Date Recorded | |
| Initial depression screening score: | 0 | | 07/28/2025 | |
| Social Connections | Answer | | Date Recorded | |
| How often do you see or talk to people that you care about and feel close to? (For example: talking to friends on the phone, visiting friends or family, going to church or club meetings) | 5 or more times a week | | 07/28/2025 | |
| Alcohol Use | Answer | | Date Recorded | |
| Audit C Total Score | 0 | | 07/28/2025 | |
| Financial Resource Strain | Answer | | Date Recorded | |
| In the past year, have you or any family members you live with been unable to get any of the following when it was really needed? Check all that apply. | None | | 07/28/2025 | |
| Food Insecurity | Answer | | Date Recorded | |
| Within the past 12 months, you worried that your food would run out before you got money to buy more. | Never true | | 07/28/2025 | |
| Within the past 12 months, the food you bought just didn't last and you didn't have money to get more. | Never true | | 07/28/2025 | |
| Inadequate Housing | Answer | | Date Recorded | |
| What is your living situation today? | I have a steady place to live | | 07/28/2025 | |
| Do you have problems with any of the following? | None of the above | | 07/28/2025 | |
| Transportation Needs | Answer | | Date Recorded | |
| In the past 12 months, has lack of reliable transportation kept you from medical appointments, meetings, work or from getting things needed for daily living? | No | | 07/28/2025 | |
| Sex and Gender Information | Value | | Date Recorded | |
| Sex Assigned at Birth | Not on file | | | |
| Legal Sex | Male | | 09/21/2020 12:16 PM CDT | |
| Gender Identity | Not on file | | | |
| Sexual Orientation | Not on file | | | |

Last Filed Vital Signs - documented in this encounter

| Vital Sign | Reading | Time Taken | Comments |
|------------------------------|-------------------|-------------------------|----------|
| Blood Pressure | 131/83 | 07/29/2025 2:00 PM CDT | |
| Pulse | 84 | 07/29/2025 2:00 PM CDT | |
| Temperature | 36.7 °C (98.1 °F) | 07/29/2025 12:00 PM CDT | |
| Respiratory Rate | 21 | 07/29/2025 2:00 PM CDT | |
| Oxygen Saturation | 97% | 07/29/2025 2:00 PM CDT | |
| Inhaled Oxygen Concentration | - | - | |
| Weight | 82.1 kg (181 lb) | 07/28/2025 8:26 AM CDT | |
| Height | 180.3 cm (5' 11") | 07/28/2025 8:26 AM CDT | |
| Body Mass Index | 25.24 | 07/28/2025 8:26 AM CDT | |

Functional Status - documented as of this encounter

| Question | Answer | Date of Assessment | Author |
|--|--------|------------------------|-------------|
| Do you have serious difficulty walking or climbing stairs? | Yes | 07/28/2025 6:37 PM CDT | Robyn R, RN |
| Do you have difficulty dressing or bathing? | No | 07/28/2025 6:37 PM CDT | Robyn R, RN |
| Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone? | No | 07/28/2025 6:37 PM CDT | Robyn R, RN |

RETIRED Are you deaf or do you have serious difficulty hearing?

| Answer | Date of Assessment | Author |
|--------|------------------------|-------------|
| No | 03/18/2021 3:41 AM CDT | Jenny M, RN |

RETIRED Are you blind or do you have serious difficulty seeing, even when wearing glasses?

| Answer | Date of Assessment | Author |
|--------|------------------------|-------------|
| No | 03/18/2021 3:41 AM CDT | Jenny M, RN |

Do you have serious difficulty walking or climbing stairs?

| Answer | Date of Assessment | Author |
|--------|------------------------|-------------|
| Yes | 07/28/2025 6:37 PM CDT | Robyn R, RN |

Do you have difficulty dressing or bathing?

| Answer | Date of Assessment | Author |
|--------|------------------------|-------------|
| No | 07/28/2025 6:37 PM CDT | Robyn R, RN |

Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone?

| Answer | Date of Assessment | Author |
|--------|------------------------|-------------|
| No | 07/28/2025 6:37 PM CDT | Robyn R, RN |

Mental Status - documented in this encounter

| Question | Answer | Entry Date | Author |
|---|---|-------------------------|---------------|
| Richmond Agitation Sedation Scale (RASS) | 0 | 07/29/2025 12:00 PM CDT | Linda V, RN |
| Question | Answer | Entry Date | Author |
| Level of Consciousness (calc) | 3 | 07/29/2025 12:00 AM CDT | Abigail W, RN |
| Orientation | Oriented to person;Oriented to place;Oriented to time | 07/29/2025 8:00 AM CDT | Linda V, RN |
| Question | Answer | Entry Date | Author |
| Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering or making decisions? | No | 07/28/2025 6:37 PM CDT | Robyn R, RN |

Mental Status

| Question | Answer | Entry Date | Author |
|-----------------------------------|------------------|-------------------------|-------------|
| Screening Tools | Richmond (RASS) | 07/29/2025 12:00 PM CDT | Linda V, RN |
| Affect | Unable to assess | 07/28/2025 4:00 PM CDT | Robyn R, RN |
| Mental Status Assessment | WDL | 07/29/2025 12:00 PM CDT | Linda V, RN |
| Attention (calc) | 0 | 07/28/2025 4:00 PM CDT | Robyn R, RN |
| Thought Process (calc) | 0 | 07/28/2025 4:00 PM CDT | Robyn R, RN |
| Memory | Unable to assess | 07/28/2025 4:00 PM CDT | Robyn R, RN |
| Motor Behavior-Agitation (calc) | 0 | 07/28/2025 4:00 PM CDT | Robyn R, RN |
| Motor Behavior-Retardation (calc) | 0 | 07/28/2025 4:00 PM CDT | Robyn R, RN |
| Sleep/Wake Cycle | Unable to assess | 07/28/2025 4:00 PM CDT | Robyn R, RN |
| Attention (calc) | 0 | 07/28/2025 4:00 PM CDT | Robyn R, RN |

Delirium (calc)

| Answer | Entry Date | Author |
|--------|-------------------------|---------------|
| 1 | 07/29/2025 12:00 AM CDT | Abigail W, RN |

Symptoms of Delirium Present (CAM-based alert)

| Answer | Entry Date | Author |
|--------|-------------------------|---------------|
| No | 07/29/2025 12:00 AM CDT | Abigail W, RN |

Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering or making decisions?

| Answer | Entry Date | Author |
|--------|------------------------|-------------|
| No | 07/28/2025 6:37 PM CDT | Robyn R, RN |

Discharge Instructions - documented in this encounter

Discharge Instructions

Jessica Jaeger, PA-C - 07/29/2025 10:23 AM CDT

Formatting of this note might be different from the original.

DISCHARGE INSTRUCTIONS:

Activity:

- It is normal to feel tired after surgery. Gradually increase your activity back to your normal routine.
- Walk short distances on flat surfaces 3-4 times per day. Gradually work to increase walking distance.
- Avoid strenuous activities, such as bicycle riding, jogging, weight lifting, or aerobic exercise until after follow up in 3 weeks.
- You may drive a car 72 hours (3 days) after surgery. Before resuming driving, make sure you can firmly extend your foot to the break without pain. For some people this may take longer than 72 hours (3 days).
- Do not drive if you are still taking narcotic pain medications
- Refrain from using any tobacco products as it will slow the healing process.

Incisional Care:

- It is not unusual to have some bruising, swelling, or a small lump at the incision site. This will gradually improve over 1-3 weeks.
- You may remove dressing 48 hours after surgery, or when dressing becomes soiled.
- You do not need to cover the incision site with any dressing. You may place a Band-Aid for comfort purposes if area becomes irritated by clothing.
- Keep the wound clean and dry.

Bathing:

- Okay to shower 48 hours after surgery
- Gently wash the incision site with soap and water. Pat dry with a clean towel.
- Do NOT scrub over incision area.
- Do NOT soak in a tub or go swimming until after follow up appointment with your doctor
- Do NOT apply lotions, creams, or powder to the incision site

Diet:

- You may resume your normal diet

Electronically signed by Jessica Jaeger, PA-C at 07/29/2025 10:23 AM CDT

Medications at Time of Discharge - documented as of this encounter

| Medication | Sig | Dispense Quantity | Last Filled | Start Date | End Date |
|--|---|-------------------|-------------|------------|----------|
| carvedilol (COREG) 6.25 MG tablet | Take 1 tablet by mouth every 12 hours. | 60 tablet | | 07/29/2025 | |
| NICOTINE TD | | | | | |
| apixaBAN (ELIQUIS) 5 MG Tab | Take 1 tablet by mouth every 12 hours for 2 days. | 30 tablet | | 07/24/2025 | |
| oxyCODONE HCl 10 MG immediate release tablet | Take 1 tablet by mouth 2 times daily as needed (ischemia). | 10 tablet | | 07/24/2025 | |
| losartan (COZAAR) 25 MG tablet | Take 1 tablet by mouth daily for 3 days. | 3 tablet | | 07/24/2025 | |
| pregabalin (LYRICA) 150 MG capsule | Take 150 mg by mouth in the morning and 150 mg at noon and 150 mg in the evening. | | | | |
| glipizide-metformin (METAGLIP) 5-500 MG per tablet | Take 1 tablet by mouth in the morning and 1 tablet at noon and 1 tablet in the evening. Take before meals. | | | | |
| atorvastatin (LIPITOR) 40 MG tablet | Take 40 mg by mouth at bedtime. | | | | |
| EPINEPHrine 0.3 MG/0.3ML auto-injector | Inject 0.3 mLs into the muscle 1-2 each time as needed for Anaphylaxis. | | | 07/20/2025 | |

Ordered Prescriptions - documented in this encounter

| Prescription | Sig | Dispense Quantity | Last Filled | Start Date | End Date |
|-----------------------------------|--|-------------------|-------------|------------|----------|
| carvedilol (COREG) 6.25 MG tablet | Take 1 tablet by mouth every 12 hours. | 60 tablet | | 07/29/2025 | |

Progress Notes - documented in this encounter

Paul A, RN - 07/28/2025 4:07 PM CDT

Summary: SME

Formatting of this note is different from the original.

ELEVATED RISK FOR SEPSIS: Mohammad I Sajjad

Sepsis Exclusions :Exclusions?: No bacterial etiology suspected to cause sepsis syndrome

Recent Labs

Lab 07/28/25

1440 07/28/25

1231 07/28/25

0845 07/24/25

1604 07/24/25

0730 07/23/25

0723 07/22/25

0413

LACTA 2.0 -----

CREATININE -- 0.64* --- 0.74 < > 0.75

BILIRUBIN ----- 0.5

WBC -- 7.3 --- 9.1 < > 7.9

HGB -- 14.3 --- 13.8 < > 12.5*

HCT -- 46.4 --- 43.1 < > 39.5

SEG -- 85 -----

PLT -- 290 --- 255 < > 226

PT -- 11.9* 11.4 -----

PTT -- 61* -- 58* 56* < > --

INR -- 1.1 1.1 -----

< > = values in this interval not displayed.

Vitals:

07/28/25 1430 07/28/25 1500 07/28/25 1506

Temp:

Pulse: 73 69 69

Resp: 13 14

SpO2: 100% 100% 100%

BP: 131/85 103/69

Additional comments:

Electronically signed by Paul A, RN at 07/28/2025 4:08 PM CDT

H&P Notes - documented in this encounter

Katherine Enrietto, DO - 07/28/2025 9:25 AM CDT

Formatting of this note might be different from the original.

Patient seen and examined at bedside. No significant changes in symptoms or past medical history.

Left radial, ulnar, and palmar arch signals on exam.

Plan:

- Patient is NPO
- Plan to proceed with surgery as planned.

Katherine Enrietto, DO

General Surgery PGY-1

Cosigned by Robert Weiss, MD at 07/28/2025 9:33 AM CDT

Electronically signed by Katherine Enrietto, DO at 07/28/2025 9:29 AM CDT

Electronically signed by Robert Weiss, MD at 07/28/2025 9:33 AM CDT

Associated attestation - Robert Weiss, MD - 07/28/2025 9:33 AM CDT

Formatting of this note might be different from the original.

Teaching Attestation:

I have personally interviewed and examined the patient via face-to-face. I confirmed the findings listed below:

Active Problems: *

* No active hospital problems. *

This was discussed with the resident and I agree with the assessment and plan as documented. The plan of care was discussed with the patient.

Patient with upper extremity claudication with associated pain, numbness, worse with use in the setting of brachial artery thrombosis/occlusion

Discussed the risks of open revascularization with the patient. Risk include but are not limited to pain, bleeding, infection, failure of wound to heal, arterial injury, recurrence of disease requiring additional interventions, need for additional procedures, limb loss, MI, stroke, death.

Will proceed with left upper extremity revascularization

Source Note - Katherine Enrietto, DO - 07/24/2025 7:44 AM CDT

Formatting of this note is different from the original.

VASCULAR SURGERY PROGRESS NOTE

CHIEF COMPLAINT:

Chief Complaint

Patient presents with

Chest Pain

Shortness of Breath

SUBJECTIVE:

Patient seen and examined at bedside. Patient reports some increased pain in left 4th and 5th digits.

OBJECTIVE:

Vitals:

Vital Last Value 24 Hour Range

Temperature 97.9 °F (36.6 °C) (07/24/25 0402) Temp Min: 96.4 °F (35.8 °C) Max: 98.2 °F (36.8 °C)

Pulse 87 (07/24/25 0736) Pulse Min: 74 Max: 93

Respiratory 18 (07/24/25 0459) Resp Min: 12 Max: 21

Non-Invasive

Blood Pressure (!) 149/95 (07/24/25 0736) BP Min: 127/80 Max: 154/89

Pulse Oximetry 97 % (07/24/25 0736) SpO2 Min: 92 % Max: 97 %

Arterial

Blood Pressure No data recorded

Physical Exam:

Vital Signs: Blood pressure (!) 149/95, pulse 87, temperature 97.9 °F (36.6 °C), temperature source Oral, resp. rate 18, height 5' 10.98" (1.803 m), weight 82.4 kg (181 lb 10.5 oz), SpO2 97%.

Gen: Lying comfortably in no acute distress.

Resp: Normal work of breathing on room air.

Vascular: Left radial, ulnar, palmar arch, and digit 1-5 signals present with doppler.

Extremities: Sensation and motor intact to bilateral upper extremities.

Medication

Scheduled Meds:

Current Facility-Administered Medications

Medication Dose Route Frequency Provider Last Rate Last Admin

insulin lispro (ADMELOG,HumaLOG) - Correction Dose Subcutaneous TID WC Majid, Sophia, DO 1 Units at 07/23/25 1728

insulin lispro (ADMELOG,HumaLOG) - Correction Dose Subcutaneous Nightly Majid, Sophia, DO

hydrALAZINE (APRESOLINE) tablet 25 mg 25 mg Oral 3 times per day Danley, Kelsey T, MD 25 mg at 07/24/25 0607

Magnesium Standard Replacement Protocol Does not apply See Admin Instructions Choy, Siu Yung, DO

Potassium Standard Replacement Protocol (Levels 3.5 and lower) Does not apply See Admin Instructions Choy, Siu Yung, DO

atorvastatin (LIPITOR) tablet 40 mg 40 mg Oral Daily Choy, Siu Yung, DO 40 mg at 07/23/25 0830

[Held by provider] losartan (COZAAR) tablet 12.5 mg 12.5 mg Oral Daily Choy, Siu Yung, DO 12.5 mg at 07/23/25 0830

pantoprazole (PROTONIX INJECT) injection 40 mg 40 mg Intravenous Nightly Maurice, Joanna M, MD 40 mg at 07/23/25 2139

insulin glargine (LANTUS) injection 5 Units 5 Units Subcutaneous Nightly Maurice, Joanna M, MD 5 Units at 07/23/25 2147

nicotine (NICODERM) 21 MG/24HR patch 1 patch 1 patch Transdermal Daily Pepek, Amalia, CNP 1 patch at 07/23/25 0830

pregabalin (LYRICA) capsule 150 mg 150 mg Oral TID Choy, Siu Yung, DO 150 mg at 07/23/25 2139

sodium chloride 0.9 % injection 2 mL 2 mL Intracatheter 2 times per day Choy, Siu Yung, DO 2 mL at 07/23/25 2139

[Held by provider] apixaBAN (ELIQUIS) tablet 5 mg 5 mg Oral 2 times per day Choy, Siu Yung, DO 5 mg at 07/22/25 2032

Continuous Infusions:

Current Facility-Administered Medications

Medication Dose Route Frequency Provider Last Rate Last Admin

heparin (porcine) 25,000 units/250 mL in dextrose 5 % infusion 1-30 Units/kg/hr (Dosing Weight) Intravenous Continuous Danley, Kelsey T, MD 12.1 mL/hr at 07/24/25 0731 14 Units/kg/hr at 07/24/25 0731

PRN Meds:..

Current Facility-Administered Medications

Medication Dose Route Frequency Provider Last Rate Last Admin

heparin (porcine) injection 4,000 Units 4,000 Units Intravenous PRN Danley, Kelsey T, MD

heparin (porcine) injection 2,000 Units 2,000 Units Intravenous PRN Danley, Kelsey T, MD 2,000 Units at 07/24/25 0039

oxyCODONE (IMM REL) (ROXICODONE) tablet 10 mg 10 mg Oral Q6H PRN Majid, Sophia, DO 10 mg at 07/24/25 0733

aluminum-magnesium hydroxide-simethicone (MAALOX) 200-200-20 MG/5ML suspension 30 mL 30 mL Oral Q4H PRN Choy, Siu Yung, DO

[Held by provider] ondansetron (ZOFRAN ODT) disintegrating tablet 4 mg 4 mg Oral Q12H PRN Choy, Siu Yung, DO

Or

[Held by provider] ondansetron (ZOFRAN) injection 4 mg 4 mg Intravenous Q12H PRN Choy, Siu Yung, DO

Polyethylene glycol (MIRALAX) packet 17 g 17 g Oral Daily PRN Choy, Siu Yung, DO 17 g at 07/23/25 1606

acetaminophen (TYLENOL) tablet 650 mg 650 mg Oral Q4H PRN Choy, Siu Yung, DO 650 mg at 07/23/25 0519

Or

acetaminophen (TYLENOL) suppository 650 mg 650 mg Rectal Q4H PRN Choy, Siu Yung, DO

melatonin tablet 3 mg 3 mg Oral Nightly PRN Choy, Siu Yung, DO 3 mg at 07/23/25 2348

dextrose 50 % injection 25 g 25 g Intravenous PRN Choy, Siu Yung, DO

dextrose 50 % injection 12.5 g 12.5 g Intravenous PRN Choy, Siu Yung, DO

glucagon (GLUCAGEN) injection 1 mg 1 mg Intramuscular PRN Choy, Siu Yung, DO

dextrose (GLUTOSE) 40 % gel 15 g 15 g Oral PRN Choy, Siu Yung, DO

dextrose (GLUTOSE) 40 % gel 30 g 30 g Oral PRN Choy, Siu Yung, DO

HYDROMORPHONE (DILAUDID) injection 0.5 mg 0.5 mg Intravenous Q2H PRN Maurice, Joanna M, MD 0.5 mg at 07/24/25 0607

sodium chloride 0.9 % injection 10 mL 10 mL Intravenous PRN Choy, Siu Yung, DO

Labs:

WBC (K/mcL)

Date Value

07/23/2025 9.0

RBC (mil/mcL)

Date Value

07/23/2025 5.44

HCT (%)

Date Value

07/23/2025 43.3

HGB (g/dL)

Date Value

07/23/2025 13.9

PLT (K/mcL)

Date Value

07/23/2025 264

Sodium (mmol/L)

Date Value

07/23/2025 140

Potassium (mmol/L)

Date Value

07/23/2025 3.8

Chloride (mmol/L)

Date Value

07/23/2025 103

Glucose (mg/dL)

Date Value

07/23/2025 161 (H)

Calcium (mg/dL)

Date Value

07/23/2025 8.1 (L)

Carbon Dioxide (mmol/L)

Date Value

07/23/2025 27

BUN (mg/dL)

Date Value

07/23/2025 7

Creatinine (mg/dL)

Date Value

07/23/2025 0.77

Imaging:

Other Studies

Results for orders placed or performed during the hospital encounter of 07/21/25 (from the past 72 hours)

XR CHEST AP OR PA

Impression

Nonspecific mildly prominent interstitial markings. Differential considerations include interstitial edema and/or pneumonitis, bronchiolitis, or less likely atypical viral infection. Follow-up posttreatment radiograph is suggested.

Electronically Signed by: OMAR KATIB, MD

Signed on: 7/21/2025 4:27 PM

Workstation ID: ARC-IL05-OKATI

NM LUNG VENTILATION AND PERfusion

Impression

Low probability study for pulmonary embolism.

Electronically Signed by: IQBAL HAQ, MD

Signed on: 7/22/2025 7:59 AM

Workstation ID: ARC-IL05-IHAQ

ASSESSMENT/PLAN:

Mohammad is a 41 year old male with prior MI (2010), tobacco use, DM, unprovoked bilateral DVTs (possible genetic component, per patient w/u negative) on Eliquis BID, PAD with stenosis of L popliteal artery and multiple TPA administrations, as well as a thrombectomy and patch angioplasty of L pop in 2014 who presents for chest pressure and some SOB. Patient recently presented to the hospital for left hand pain, vascular team saw him at that time.

Arterial Duplex (7/17) revealed a nonocclusive arterial thrombus in the left distal subclavian artery and an occlusive thrombus in the left axillary artery. Reconstituted low velocity monophasic flow through a collateral is noted in the left brachial artery. The left radial and ulnar arteries are patent with low velocity monophasic flow.

CTA Left Upper Extremity (7/19) revealed incompletely occlusive thrombus left distal subclavian into left axillary artery.

Reconstitution with normal opacification of left brachial artery and forearm arteries. There is occlusion of the left external iliac artery, common femoral artery, and superficial femoral artery, appearing nonacute with hypertrophy of profunda femoris artery collateral pathways.

Outpatient f/u was arranged to discuss operative management. Upon re-admission to hospital, vascular consulted due to worsening symptoms.

- Awaiting results of stress test prior to any surgical intervention.

- Further recommendations pending results.

- Rest of care per primary.

Will discuss plan of care with Dr. Robert Weiss.

Katherine Enrietto, DO

General Surgery PGY-1

Cosigned by Robert Weiss, MD at 07/25/2025 12:32 PM CDT

Electronically signed by Katherine Enrietto, DO at 07/24/2025 10:04 AM CDT

Electronically signed by Robert Weiss, MD at 07/25/2025 12:32 PM CDT

Miscellaneous Notes - documented in this encounter

PLAN OF CARE - Robyn R, RN - 07/28/2025 6:43 PM CDT

Formatting of this note might be different from the original.

Problem: Pain

Goal: Acceptable pain level achieved/maintained at rest using appropriate pain scale for the patient

Outcome: Not met, plan adjusted

Goal: Acceptable pain level achieved/maintained with activity using appropriate pain scale for the patient

Outcome: Not met, plan adjusted

Goal: Acceptable pain level achieved/maintained without oversedation

Outcome: Not met, plan adjusted

Problem: Postoperative Care

Goal: Vital signs are maintained within parameters

Outcome: Not met, plan adjusted

Goal: Elimination status is maintained/returned to baseline

Outcome: Not met, plan adjusted

Goal: Oral intake is resumed and tolerated

Outcome: Not met, plan adjusted

Goal: Activity level is resumed to level needed for d/c

Outcome: Not met, plan adjusted

Goal: Verbalizes understanding of postoperative care in the hospital and after d/c

Description: Document on Patient Education Activity

Outcome: Not met, plan adjusted

Problem: Diabetes

Goal: Achieves glycemic balance

Description: Goal is to maintain blood sugar within range with no episodes of hypoglycemia

Outcome: Not met, plan adjusted

Goal: Verbalizes/demonstrates understanding of NEW diagnosis of diabetes and management

Description: Document on Patient Education Activity

Outcome: Not met, plan adjusted

Goal: Verbalizes understanding of diabetes management including how to use HbA1C to evaluate status of blood sugar over time
(Diabetes is NOT a new diagnosis)

Description: Diabetes Education

Outcome: Not met, plan adjusted

Goal: Demonstrates ability to self-administer insulin

Description: Document on Patient Education Activity

Outcome: Not met, plan adjusted

Problem: VTE (Actual)

Goal: Patient maintains mobility and remains free from complications of VTE

Outcome: Not met, plan adjusted

Problem: At Risk for Falls

Goal: Patient does not fall

Outcome: Not met, plan adjusted

Goal: Patient takes action to control fall-related risks

Outcome: Not met, plan adjusted

Problem: At Risk for Injury Due to Fall

Goal: Patient does not fall

Outcome: Not met, plan adjusted

Goal: Takes action to control condition specific risks

Outcome: Not met, plan adjusted

Goal: Verbalizes understanding of fall-related injury personal risks

Description: Document education using the patient education activity

Outcome: Not met, plan adjusted

Electronically signed by Robyn R, RN at 07/28/2025 6:48 PM CDT

Plan of Treatment - documented as of this encounter

Upcoming Encounters

| Date | Type | Department | Care Team (Latest Contact Info) | Description |
|---|--------------|---|---|-------------|
| 08/05/2025 3:00 PM CDT | Office Visit | Advocate Medical Group Park Ridge 1875 Dempster Ste 280 1875 DEMPSTER ST STE 280 PARK RIDGE, IL 60068-1186 847-384-1420 | Robert Weiss, MD 1875 DEMPSTER ST STE 550 PARK RIDGE, IL 60068 847-384-1420 (Work) 847-318-9332 (Fax) | |
| 08/08/2025 2:30 PM CDT | Office Visit | LUTHERAN GENERAL HOSPITAL CARDIOVASCULAR CLINICS 1775 DEMPSTER STREET PARK RIDGE, IL 60068-1143 847-723-2445 | Elizabeth Vorhees, CNP 1875 DEMPSTER ST STE 555 PARK RIDGE, IL 60068 847-698-5500 (Work) 847-698-5517 (Fax) | |
| 08/26/2025 2:40 PM CDT | Office Visit | Advocate Medical Group Park Ridge 1875 Dempster 1875 DEMPSTER ST STE 525 PARK RIDGE, IL 60068-1186 847-698-5500 | Adib Chaus, MD 1775 DEMPSTER ST PARK RIDGE, IL 60068 847-698-5500 (Work) 847-698-5517 (Fax) | |
| Health Maintenance | | Due Date | Last Done | Comments |
| IMMUNIZATION - VARICELLA (1 of 2 - 13+ 2-dose series) | | 05/23/1997 | | |
| Diabetes Eye Exam | | 05/23/2002 | | |
| Microalbumin/Creatinine Ratio (Urine Test) | | 05/23/2002 | | |
| IMMUNIZATION - DTaP/Tdap/ Td (1 - Tdap) | | 05/23/2003 | | |
| IMMUNIZATION - HEPATITIS A (1 of 2 - Risk 2-dose series) | | 05/23/2003 | | |
| Pneumococcal Vaccine (1 of 2 - PCV) | | 05/23/2003 | | |
| Immunization-Influenza (#1) | 09/01/2025 | 11/21/2018, 09/30/2017, 11/08/2016 | | |
| Glycohemoglobin A1C or GMI (Diabetes Sugar) | 10/17/2025 | 07/17/2025, 08/20/2024, 03/19/2021, Additional history exists | | |
| GFR (Kidney Function Test) | 07/29/2026 | 07/29/2025, 07/28/2025, 07/24/2025, Additional history exists | | |
| IMMUNIZATION - HPV | Aged Out | No longer eligible based on patient's age to complete this topic | | |
| IMMUNIZATION - MENINGITIS SEROGROUP B | Aged Out | No longer eligible based on patient's age to complete this topic | | |
| IMMUNIZATION - MENINGITIS | Aged Out | No longer eligible based on patient's age to complete this topic | | |

Medical Devices - documented as of this encounter

| Implanted | Type | Area | Manufacturer | Device Identifier | Model / Serial / Lot |
|---|---------------|-----------------|----------------------------|-------------------|-----------------------|
| Device Closure Mynxgrip 6f/7f - Log4604018 Implanted: Qty: 1 on 03/19/2021 by Hong Park, MD at ADVOCATE LUTHERAN GENERAL HOSPITAL | Other Implant | Right: Groin | CARDINAL HEALTHCARE CORP . | 10862028000410 | MX6721 / / F2102203 |
| Clip Internal Sm Chevron 24 Crtdg Ligate Triangulate Cross - Log26555128 Implanted: Qty: 1 on 07/28/2025 by Robert Weiss, MD at ADVOCATE LUTHERAN GENERAL HOSPITAL | Other Implant | Left: Arm Upper | Teleflex LLC | 14026704725288 | 001204 / / 73J2400546 |

Procedures - documented in this encounter

| Procedure Name | Priority | Date/Time | Associated Diagnosis | Comments |
|----------------|----------|---------------------------|----------------------|----------|
| Surgery | | 07/28/2025 9:40 AM CDT | | |

Results - documented in this encounter

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/29/2025 11:56 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature | | |
|------------------------------------|----------------------------------|----------------------|----------------------------|-------------------------|------------------------------------|-----------------------|--|--|
| GLUCOSE, BEDSIDE - POINT OF CARE | 273 (H) | 70 - 99 mg/dL | | 07/29/2025 11:56 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | | | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time | | | |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/29/2025 11:56 AM CDT | 07/29/2025 11:58 AM CDT | | | |
| Narrative | | | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | | | |
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | | | | | | |
| Performing Organization | Address | City/State/ZIP Code | | Phone Number | | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | | | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/29/2025 6:46 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature | | |
|------------------------------------|----------------------------------|----------------------|----------------------------|------------------------|------------------------------------|-----------------------|--|--|
| GLUCOSE, BEDSIDE - POINT OF CARE | 259 (H) | 70 - 99 mg/dL | | 07/29/2025 6:46 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | | | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time | | | |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/29/2025 6:46 AM CDT | 07/29/2025 6:50 AM CDT | | | |
| Narrative | | | | | | | | |
| Authorizing Provider | Result Type | Result Status | | | | | | |
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | | | | | | |
| Performing Organization | Address | City/State/ZIP Code | | Phone Number | | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | | | | |

(ABNORMAL) CBC NO DIFFERENTIAL (PERFORMABLE ONLY) - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|-------------------------|-------------|------------------------|------------------------------------|-----------------------|
| WBC | 22.1 (H) | 4.2 - 11.0 K/mcL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 4.95 | 4.50 - 5.90 mil/ mcL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| HGB | 12.6 (L) | 13.0 - 17.0 g/dL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 39.8 | 39.0 - 51.0 % | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 80.4 | 78.0 - 100.0 fL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.5 (L) | 26.0 - 34.0 pg | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCHC | 31.7 (L) | 32.0 - 36.5 g/dL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 259 | 140 - 450 K/mcL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.8 | 11.0 - 15.0 % | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 40.0 | 39.0 - 50.0 fL | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/29/2025 3:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

CALCIUM, IONIZED - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------|-------|--------------------|-------------|------------------------|------------------------------------|-----------------------|
| Ionized Calcium | 1.22 | 1.15 - 1.29 mmol/L | | 07/29/2025 3:52 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|-------|--------------------|-------------|------------------------|------------------------------------|-----------------------|
| Ionized Calcium, Corrected | 1.27 | 1.15 - 1.29 mmol/L | | 07/29/2025 3:52 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: Differences between ionized calcium and ionized calcium normalized to pH 7.4 most often result from samples that have an abnormal pH due to delayed processing or exposure to air.

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|-----------------------|--------------------------|---------------|
| Oluwatosin Olayeye NP | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---------------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 68 (H) | 22 - 32 sec | | 07/29/2025 3:39 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/29/2025 3:39 AM CDT
PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|----------------------|--------------------------|---------------|
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PHOSPHORUS - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Phosphorus | 2.5 | 2.4 - 4.7 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
|------------------------------------|-----------------------------------|----------------------------|------------------------|------------------------|--|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT | |
| Narrative | | | | | |
| Authorizing Provider | Result Type | Result Status | | | |
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

MAGNESIUM - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Magnesium | 1.8 | 1.7 - 2.4 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | | | |
|------------------------------------|--------------------------|----------------------|--|--|--|
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result | | | |
| Performing Organization | Address | City/State/ZIP Code | | | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | | | |

(ABNORMAL) BASIC METABOLIC PANEL - Final result (07/29/2025 3:13 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Fasting Status | | | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 138 | 135 - 145 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 3.9 | 3.4 - 5.1 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 103 | 97 - 110 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 26 | 21 - 32 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|----------------|-------------------|-------------|------------------------|------------------------------------|-----------------------|
| Anion Gap | 13 | 7 - 19 mmol/L | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 341 (H) | 70 - 99 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 14 | 6 - 20 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.69 | 0.67 - 1.17 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: eGFR results = or >60 mL/min/1.73m² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation.

| | | | | | | |
|---------|----------------|------------------|--|------------------------|------------------------------------|--|
| BUN/Cr | 20 | 7 - 25 | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.3 (L) | 8.4 - 10.2 mg/dL | | 07/29/2025 4:01 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/29/2025 3:13 AM CDT | 07/29/2025 3:18 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Wissal Alsheikh MD | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/28/2025 8:55 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------------------------|----------------------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 203 (H) | 70 - 99 mg/dL | | 07/28/2025 8:55 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | BLOOD SPECIMEN / Unknown | | | 07/28/2025 8:55 PM CDT | 07/28/2025 9:06 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|----------------------------------|----------------------|--------------|
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/28/2025 7:47 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|---------------|-------------|-------------|------------------------|------------------------------------|-----------------------|
| PTT | 69 (H) | 22 - 32 sec | | 07/28/2025 8:16 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|------------------------|------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 7:47 PM CDT | 07/28/2025 7:51 PM CDT |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/28/2025 8:16 PM CDT

PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|--------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

LACTIC ACID, VENOUS - Final result (07/28/2025 2:40 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------|-------|------------------|-------------|------------------------|------------------------------------|-----------------------|
| Lactate, Venous | 2.0 | 0.0 - 2.0 mmol/L | | 07/28/2025 3:24 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/28/2025 2:40 PM CDT | 07/28/2025 2:52 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|--------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) BLOOD GAS, ARTERIAL - Final result (07/28/2025 2:40 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|-----------------------------------|-----------------------------|------------------------|------------------------------|---|-----------------------|
| FiO2 | 60 | % | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| pH, Arterial | 7.33 (L) | 7.35 - 7.45 Units | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| pCO2, Arterial | 43 | 35 - 48 mm Hg | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| pO2, Arterial | 208 (H) | 83 - 108 mm Hg | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCO3, Arterial | 23 | 22 - 28 mmol/L | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Base Excess/ Deficit, Arterial | -3 (L) | -2 - 3 mmol/L | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| O2 Saturation, Arterial | 99 | 95 - 99 % | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Oxyhemoglobin, Arterial | 98 | 94 - 98 % | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Hemoglobin, Blood Gas | 13.5 | 13.0 - 17.0 g/dL | | 07/28/2025 2:58 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | | |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Puncture / Unknown | 07/28/2025 2:40 PM CDT | 07/28/2025 2:52 PM CDT | | |
| Narrative | | | | | | |

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

XR CHEST IMAGING (XR CHEST AP OR PA) - Final result (07/28/2025 1:19 PM CDT)

| Anatomical Region | Laterality | Modality |
|-------------------|----------------------------------|---|
| Chest/Thorax | N/A | Digital Radiography |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume |
| | | Collection Time 07/28/2025 1:20 PM CDT |
| | | Received Time |

As above

Electronically Signed by: GLEN GEREMIA, M.D.
 Signed on: 7/28/2025 1:20 PM
 Workstation ID: 91RDD8H61H13

Narrative

07/28/2025 1:20 PM CDT

EXAM: XR CHEST AP OR PA

CLINICAL INDICATION: Tube placement

COMPARISON: July 21, 2025

FINDINGS: Lungs are clear. Heart size and pulmonary vascularity are normal.

Tip of endotracheal tube lies 4 cm above the carina. Tip of enteric tube lies within the distal body of stomach.

Procedure Note

Glen Geremia, MD - 07/28/2025

Formatting of this note might be different from the original.

EXAM: XR CHEST AP OR PA

CLINICAL INDICATION: Tube placement

COMPARISON: July 21, 2025

FINDINGS: Lungs are clear. Heart size and pulmonary vascularity are normal.

Tip of endotracheal tube lies 4 cm above the carina. Tip of enteric tube lies within the distal body of stomach.

IMPRESSION:

As above

Electronically Signed by: GLEN GEREMIA, M.D.

Signed on: 7/28/2025 1:20 PM

Workstation ID: 91RDD8H61H13

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Tracy Brunetti CNP | IMG XR PROCEDURES | Final Result |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/28/2025 12:34 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|---------|---------------|-------------|-------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 235 (H) | 70 - 99 mg/dL | | 07/28/2025 12:34 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/28/2025 12:34 PM CDT | 07/28/2025 2:49 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|----------------------------------|----------------------|--------------|
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CREATINE KINASE - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|---------------|--------------------------------------|----------------------------|------------------------------|---|-----------------------|
| CK | 33 (L) | 39 - 308 Units/L | | 07/28/2025 3:02 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|---------------------------------------|-----------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) CBC WITH DIFFERENTIAL (PERFORMABLE ONLY) (CBC WITH AUTOMATED DIFFERENTIAL (PERFORMABLE ONLY)) - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-----------------|----------------------------|-------------|-------------------------------|---|-----------------------|
| WBC | 7.3 | 4.2 - 11.0 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RBC | 5.61 | 4.50 - 5.90 mil/ mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HGB | 14.3 | 13.0 - 17.0 g/ dL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCT | 46.4 | 39.0 - 51.0 % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCV | 82.7 | 78.0 - 100.0 fl | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| MCH | 25.5 (L) | 26.0 - 34.0 pg | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------------------|-----------------|------------------|-------------|-------------------------------|---|-----------------------|
| MCHC | 30.8 (L) | 32.0 - 36.5 g/dL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-CV | 13.5 | 11.0 - 15.0 % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| RDW-SD | 40.7 | 39.0 - 50.0 fL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| PLT | 290 | 140 - 450 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| NRBC | 0 | <=0 / 100 WBC | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Neutrophil, Percent | 85 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Lymphocytes, Percent | 12 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Mono, Percent | 2 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Eosinophils, Percent | 0 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Basophils, Percent | 0 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Immature Granulocytes | 1 | % | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Neutrophils | 6.3 | 1.8 - 7.7 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Lymphocytes | 0.9 (L) | 1.0 - 4.8 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Monocytes | 0.1 (L) | 0.3 - 0.9 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Eosinophils | 0.0 | 0.0 - 0.5 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|-----------------------------------|----------------------------|-------------|-------------------------|------------------------------------|-----------------------|
| Absolute Basophils | 0.0 | 0.0 - 0.3 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Absolute Immature Granulocytes | 0.0 | 0.0 - 0.2 K/mcL | | 07/28/2025 12:42 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | | Collection Time | Received Time | |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/28/2025 12:42 PM CDT

This is an appended report. These results have been appended to a previously verified report.

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|---------------|----------------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | | Park Ridge, IL 60068 |

(ABNORMAL) BLOOD GAS, ARTERIAL - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|--------------------------------|-----------------|-------------------|-------------|-------------------------|------------------------------------|-----------------------|
| pH, Arterial | 7.25 (L) | 7.35 - 7.45 Units | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| pCO2, Arterial | 54 (H) | 35 - 48 mm Hg | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| pO2, Arterial | 117 (H) | 83 - 108 mm Hg | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| HCO3, Arterial | 24 | 22 - 28 mmol/L | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Base Excess/ Deficit, Arterial | -4 (L) | -2 - 3 mmol/L | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| O2 Saturation, Arterial | 99 | 95 - 99 % | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Oxyhemoglobin, Arterial | 98 | 94 - 98 % | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Hemoglobin, Blood Gas | 14.7 | 13.0 - 17.0 g/dL | | 07/28/2025 12:50 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

PHOSPHORUS - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|------------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Phosphorus | 3.8 | 2.4 - 4.7 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

MAGNESIUM - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-----------|-------|-----------------|-------------|------------------------|------------------------------------|-----------------------|
| Magnesium | 1.8 | 1.7 - 2.4 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|-------------------------|-------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status | |
|------------------------------------|--------------------------|----------------------|--------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result | |
| Performing Organization | Address | City/State/ZIP Code | Phone Number |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) BASIC METABOLIC PANEL - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------|-----------------|-------------------|-------------|------------------------------|---|-----------------------|
| Fasting Status | | | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Sodium | 136 | 135 - 145 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Potassium | 4.8 | 3.4 - 5.1 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Chloride | 102 | 97 - 110 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Carbon Dioxide | 25 | 21 - 32 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Anion Gap | 14 | 7 - 19 mmol/L | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glucose | 234 (H) | 70 - 99 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| BUN | 15 | 6 - 20 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Creatinine | 0.64 (L) | 0.67 - 1.17 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Glomerular Filtration Rate | >90 | >=60 | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: eGFR results = or >60 mL/min/1.73m² = Normal kidney function. Estimated GFR calculated using the CKD-EPI-R (2021) equation that does not include race in the creatinine calculation.

| | | | | | | |
|---------|----------------|------------------|--|------------------------------|---|--|
| BUN/Cr | 23 | 7 - 25 | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Calcium | 8.1 (L) | 8.4 - 10.2 mg/dL | | 07/28/2025 1:05 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

(ABNORMAL) PARTIAL THROMBOPLASTIN TIME (PTT) - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-----------------------------------|----------------------------------|----------------------------|-------------------------|------------------------------------|-----------------------|
| PTT | 61 (H) | 22 - 32 sec | | 07/28/2025 1:00 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT | |

Narrative

ADVOCATE LUTHERAN GENERAL HOSPITAL - 07/28/2025 1:00 PM CDT
 PTT Therapeutic Range: 45-65 seconds.

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

(ABNORMAL) PROTHROMBIN TIME (INR/PT) - Final result (07/28/2025 12:31 PM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-----------------------------------|----------------------------------|----------------------------|-------------------------|------------------------------------|-----------------------|
| Protome- PT | 11.9 (H) | 9.7 - 11.8 sec | | 07/28/2025 1:00 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.1 | | | 07/28/2025 1:00 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------------|-----------------------------------|----------------------------------|----------------------------|-------------------------|------------------------------------|-----------------------|
| Protome- PT | 11.9 (H) | 9.7 - 11.8 sec | | 07/28/2025 1:00 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.1 | | | 07/28/2025 1:00 PM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time | |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | | Arterial Line / Unknown | 07/28/2025 12:31 PM CDT | 07/28/2025 12:38 PM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|--------------------------|----------------------|
| Tracy Brunetti CNP | BKR LAB BLOOD ORDERABLES | Final Result |
| Performing Organization | Address | City/State/ZIP Code |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

CT ABDOMEN AND LEGS (CTA ABDOMINAL AORTA ILOFEMORAL BILATERAL RUNOFF) - Final result (07/28/2025 11:56 AM CDT)

| Anatomical Region | Laterality | Modality | | |
|-------------------|----------------------------------|----------------------------|----------------------------|---------------|
| Abdomen | Bilateral | Computed Tomography | | |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
| | | | 07/28/2025 12:51 PM CDT | |

Impressions

07/28/2025 1:44 PM CDT

Impression:

1. Nonocclusive mural thrombus in the proximal to mid left subclavian artery. There is also nonocclusive mural thrombus in the left axillary artery. Query possible arterial dissection and/or vasculitis.
2. Occluded bilateral external iliac arteries. Occluded bilateral common femoral arteries and bilateral superficial femoral arteries. Reconstituted bilateral profunda femoral arteries. Reconstituted distal superficial femoral arteries which is of small caliber as well. Also reconstituted popliteal artery is small caliber. Three-vessel runoff in both legs.
3. Right kidney with moderate hydroureter and hydronephrosis. No definite evidence of mass or kidney stones.
4. Thyroid nodules. Recommend thyroid ultrasound.

Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 7/28/2025 1:44 PM

Workstation ID: 91RDDJ2CSG13

Narrative

07/28/2025 1:44 PM CDT

CTA chest, abdomen and pelvis with IV contrast, CTA bilateral lower extremities:

History: Peripheral arterial disease.

Findings:

Spiral CT images of the chest, abdomen, pelvis, bilateral lower extremities down to the ankle were obtained during the infusion of IV contrast. Sagittal and coronal reconstructions were obtained and reviewed. Also additional 3-D volume rendered CTA images were obtained on the workstation and reviewed.

CT chest: Comparison 7/17/2025.

Thyroid nodules are present. No axillary lymphadenopathy. Mildly prominent paratracheal and AP window lymph nodes. No pleural or pericardial effusions. Bibasilar atelectasis/infiltrates.

CT abdomen and pelvis:

Liver and gallbladder are normal. Spleen is normal. Pancreas is normal. Adrenal glands are normal. Right kidney with moderate hydronephrosis and hydroureter. No evidence of kidney or ureteral stones on the right side. Left kidney appears normal. Bladder is unremarkable. No free fluid or lymphadenopathy within the pelvis. The bowel and mesentery appear normal. Bony structures are unremarkable.

Vascular exam:

Thoracic aorta without evidence of aneurysm or dissection. No coronary artery calcifications are present. Left subclavian artery with evidence of mural thrombus near the origin and extending to the mid segment of the left coronary artery. There is also evidence of narrowing and mural thrombus of the axillary artery. This may be related to vasculitis or dissections. Left brachial artery is widely patent. Widely patent radial, ulnar and interosseous arteries.

Abdominal aorta without evidence of aneurysm or dissection. The celiac artery stenosis is widely patent. There is moderate to severe stenosis of the origin of the superior mesenteric artery. Bilateral renal arteries are widely patent. The IMA is widely patent. Bilateral common iliac arteries are widely patent. Bilateral internal iliac arteries are widely patent. There is occlusion of bilateral external iliac arteries.

Right leg: The right common femoral is occluded. Reconstituted right profundofemoral artery. Right superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Popliteal artery is occluded with distal reconstitution which is very small caliber. Three-vessel runoff.

Left leg: The left common femoral artery is occluded. Reconstituted left profundofemoral artery. Left superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Left popliteal artery is occluded with distal reconstitution which is very small caliber. Three-vessel runoff.

Procedure Note

Hong Park, MD - 07/28/2025

Formatting of this note might be different from the original.

CTA chest, abdomen and pelvis with IV contrast, CTA bilateral lower extremities:

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Findings:

Spiral CT images of the chest, abdomen, pelvis, bilateral lower extremities down to the ankle were obtained during the infusion of IV contrast. Sagittal and coronal reconstructions were obtained and reviewed. Also additional 3-D volume rendered CTA images were obtained on the workstation and reviewed.

CT chest: Comparison 7/17/2025.

Thyroid nodules are present. No axillary lymphadenopathy. Mildly prominent paratracheal and AP window lymph nodes. No pleural or pericardial

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Liver and gallbladder are normal. Spleen is normal. Pancreas is normal. Adrenal glands are normal. Right kidney with moderate hydronephrosis and hydroureter. No evidence of kidney or ureteral stones on the right side. Left kidney appears normal. Bladder is unremarkable. No free fluid or lymphadenopathy within the pelvis. The bowel and mesentery appear normal. Bony structures are unremarkable.

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Three-vessel runoff.

Left leg: The left common femoral artery is occluded. Reconstituted left profunda femoral artery. Left superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Left popliteal artery is occluded with distal reconstitution which is very small caliber.

Three-vessel runoff.

IMPRESSION:

Impression:

1. Nonocclusive mural thrombus in the proximal to mid left subclavian artery. There is also nonocclusive mural thrombus in the left axillary artery. Query possible arterial dissection and/or vasculitis.
2. Occluded bilateral external iliac arteries. Occluded bilateral common femoral arteries and bilateral superficial femoral arteries. Reconstituted bilateral profunda femoral arteries. Reconstituted distal superficial femoral arteries which is of small caliber as well. Also reconstituted popliteal artery is small caliber. Three-vessel runoff in both legs.
3. Right kidney with moderate hydroureter and hydronephrosis. No definite evidence of mass or kidney stones.
4. Thyroid nodules. Recommend thyroid ultrasound.

Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 7/28/2025 1:44 PM

Workstation ID: 91RDDJ2CSG13

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Robert Weiss MD | IMG CT PROCEDURES | Final Result |

| Anatomical Region | Laterality | Modality |
|-------------------|----------------------------------|----------------------------|
| Chest | | Computed Tomography |
| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume |
| | | Collection Time |
| | | 07/28/2025 12:51 PM CDT |
| | | Received Time |

Impressions

07/28/2025 1:44 PM CDT

Impression:

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Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 7/28/2025 1:44 PM

Workstation ID: 91RDDJ2CSG13

Narrative

07/28/2025 1:44 PM CDT

CTA chest, abdomen and pelvis with IV contrast, CTA bilateral lower extremities:

History: Peripheral arterial disease.

Findings:

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CT chest: Comparison 7/17/2025.

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Procedure Note

Hong Park, MD - 07/28/2025

Formatting of this note might be different from the original.

CTA chest, abdomen and pelvis with IV contrast, CTA bilateral lower extremities:

History: Peripheral arterial disease.

Findings:

Spiral CT images of the chest, abdomen, pelvis, bilateral lower extremities down to the ankle were obtained during the infusion of IV contrast. Sagittal and coronal reconstructions were obtained and reviewed. Also additional 3-D volume rendered CTA images were obtained on the workstation and reviewed.

CT chest: Comparison 7/17/2025.

Thyroid nodules are present. No axillary lymphadenopathy. Mildly prominent paratracheal and AP window lymph nodes. No pleural or pericardial

Procedure Note

effusions. Bibasilar atelectasis/infiltrates.

CT abdomen and pelvis:

Liver and gallbladder are normal. Spleen is normal. Pancreas is normal. Adrenal glands are normal. Right kidney with moderate hydronephrosis and hydroureter. No evidence of kidney or ureteral stones on the right side. Left kidney appears normal. Bladder is unremarkable. No free fluid or lymphadenopathy within the pelvis. The bowel and mesentery appear normal. Bony structures are unremarkable.

Vascular exam:

Thoracic aorta without evidence of aneurysm or dissection. No coronary artery calcifications are present. Left subclavian artery with evidence of mural thrombus near the origin and extending to the mid segment of the left coronary artery. There is also evidence of narrowing and mural thrombus of the axillary artery. This may be related to vasculitis or dissections. Left brachial artery is widely patent. Widely patent radial, ulnar and interosseous arteries.

Abdominal aorta without evidence of aneurysm or dissection. The celiac artery stenosis is widely patent. There is moderate to severe stenosis of the origin of the superior mesenteric artery. Bilateral renal arteries are widely patent. The IMA is widely patent. Bilateral common iliac arteries are widely patent. Bilateral internal iliac arteries are widely patent. There is occlusion of bilateral external iliac arteries.

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Three-vessel runoff.

Left leg: The left common femoral artery is occluded. Reconstituted left profunda femoral artery. Left superficial femoral artery is occluded with partial distal reconstitution which is very small caliber. Left popliteal artery is occluded with distal reconstitution which is very small caliber.

Three-vessel runoff.

IMPRESSION:

Impression:

1. Nonocclusive mural thrombus in the proximal to mid left subclavian artery. There is also nonocclusive mural thrombus in the left axillary artery. Query possible arterial dissection and/or vasculitis.
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3. Right kidney with moderate hydroureter and hydronephrosis. No definite evidence of mass or kidney stones.
4. Thyroid nodules. Recommend thyroid ultrasound.

Electronically Signed by: HONG ANDY PARK, M.D.

Signed on: 7/28/2025 1:44 PM

Workstation ID: 91RDDJ2CSG13

| Authorizing Provider | Result Type | Result Status |
|----------------------|-------------------|---------------|
| Robert Weiss MD | IMG CT PROCEDURES | Final Result |

Narrative

Annabelle Levine, MD - 07/28/2025 11:25 AM CDT

Levine, Annabelle M, MD 7/28/2025 11:27 AM

TEE

Preanesthesia Checklist:

patient identified, IV checked, risks and benefits discussed, surgical consent, monitors and equipment checked, pre-op evaluation and timeout performed.

General Procedure Information

Diagnostic Indications for Echo: assessment of ascending aorta, hemodynamic monitoring and CAD / Ischemia

Location performed: OR

Intubated

Bite block placed

Heart visualized

Probe Insertion: easy

Probe Type: Multiplane

Modalities: Two-dimensional, pulse wave Doppler and continuous wave

Doppler

Probe Placement Observation:atraumatic insertion

TEE Image stored: images permanently saved

Probe Removal: easy

Echocardiographic and Doppler Measurements

Atria

Right Atrium:

Size normal.

Left Atrium:

Size normal.

Ventricles

Right Ventricle:

Cavity size normal.

Left Ventricle:

Cavity Size normal.

Aorta

Ascending Aorta:

Size normal. Dissection not present. Plaque thickness less than 3mm.

Mobile plaque not present.

Aortic Arch:

Size normal. Dissection not present. Plaque thickness less than 3 mm.

Mobile plaque not present.

Descending Aorta:

Size normal. Dissection not present. Plaque thickness less than 3 mm.

Mobile plaque not present.

Echocardiogram Comments: Limited TEE performed to evaluate for evidence of aortic dissection. No evidence of dissection in ascending aorta, aortic arch, or descending aorta.

Anesthesia Information

Staff

| Authorizing Provider | Result Type | Result Status |
|------------------------|-------------------|---------------|
| Annunziato Pirrotta MD | AHC PR ANESTHESIA | Final Result |

FL PROCEDURE IMAGING (FL INTRAOPERATIVE C ARM NO REPORT) - Final result (07/28/2025 11:07 AM CDT)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|-----------------|---------------|
|-------------------|----------------------------------|----------------------------|-----------------|---------------|

Narrative

GECENTRICITYPACS - 07/28/2025 11:07 AM CDT

Findings from this exam can be found in operative or procedural report section.

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------|---------------|
| Robert Weiss MD | IMG FLUOROSCOPY PROCEDURES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|-------------------------|---------|---------------------|--------------|
| GECENTRICITYPACS | | | |

TYPE/SCREEN - Final result (07/28/2025 10:14 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|---------------------------------|--------------------------------------|-----------|----------------------------|-------------------------------|---|-----------------------|
| ABO/RH(D) | B Rh Positive | | | 07/28/2025 11:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| ANTIBODY SCREEN | Negative | | | 07/28/2025 11:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| TYPE AND SCREEN EXPIRATION DATE | 07/31/2025 23:59 | | | 07/28/2025 11:25 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| Specimen (Source) | Anatomical Location / Laterality | | Collection Method / Volume | Collection Time | Received Time | |
| Blood | ARTERIAL BLOOD SPECIMEN / Unknown | | | 07/28/2025 10:14 AM CDT | 07/28/2025 10:22 AM CDT | |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------------------|-------------------------------|---------------|
| Robert Weiss MD | BKR LAB BLOOD BANK TEST ORDER | Final Result |
| Performing Organization | Address | |
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | |
| | City/State/ZIP Code | |
| | Park Ridge, IL 60068 | |
| | Phone Number | |

PROTHROMBIN TIME (INR/PT) - Final result (07/28/2025 8:45 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|-------------|-------|----------------|-------------|------------------------------|---|-----------------------|
| Protime- PT | 11.4 | 9.7 - 11.8 sec | | 07/28/2025 9:10 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |
| INR | 1.1 | | | 07/28/2025 9:10 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

Comment: INR Therapeutic Range: 2.0 to 3.0 (2.5 to 3.5 recommended for recurrent thrombotic episodes and mechanical prosthetic heart valves.)

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|------------------------------------|----------------------------|---------------------------|---------------------------|
| Blood | VENOUS BLOOD SPECIMEN / Unknown | Venipuncture / Unknown | 07/28/2025 8:45 AM CDT | 07/28/2025 8:50 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|------------------------|--------------------------|---------------|
| Annunziato Pirrotta MD | BKR LAB BLOOD ORDERABLES | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

(ABNORMAL) GLUCOSE, BEDSIDE - POINT OF CARE - Final result (07/28/2025 8:22 AM CDT)

| Component | Value | Ref Range | Test Method | Analysis Time | Performed At | Pathologist Signature |
|----------------------------------|----------------|---------------|-------------|------------------------|------------------------------------|-----------------------|
| GLUCOSE, BEDSIDE - POINT OF CARE | 288 (H) | 70 - 99 mg/dL | | 07/28/2025 8:22 AM CDT | ADVOCATE LUTHERAN GENERAL HOSPITAL | |

| Specimen (Source) | Anatomical Location / Laterality | Collection Method / Volume | Collection Time | Received Time |
|-------------------|----------------------------------|----------------------------|------------------------|------------------------|
| Blood | BLOOD SPECIMEN / Unknown | | 07/28/2025 8:22 AM CDT | 07/28/2025 8:25 AM CDT |

Narrative

| Authorizing Provider | Result Type | Result Status |
|----------------------|----------------------------------|---------------|
| Robert Weiss MD | BKR LAB PT OF CARE TST UNSOLC | Final Result |

| Performing Organization | Address | City/State/ZIP Code | Phone Number |
|---------------------------------------|----------------------|----------------------|--------------|
| ADVOCATE LUTHERAN GENERAL HOSPITAL | 1775 Dempster Street | Park Ridge, IL 60068 | |

Visit Diagnoses - documented in this encounter

Diagnosis

Acute occlusion of axillary artery due to thrombosis

Administered Medications - documented in this encounter

Inactive Administered Medications - up to 1 most recent administrations

| Medication Order | MAR Action | Action Date | Dose | Rate | Site |
|--|------------|----------------------------|----------|------|------|
| acetaminophen (TYLENOL) tablet 650 mg 650 mg EVERY 4 HOURS PRN, Oral, Mild Pain, Starting on Mon 7/28/25 at 1737, Maximum of 4,000 mg acetaminophen per 24 hours from ALL sources. | Given | 07/29/2025 8:01 AM CDT | 650 mg | | |
| apixaBAN (ELIQUIS) tablet 5 mg 5 mg EVERY 12 HOURS SCHEDULED (2 times per day), Oral, First dose on Tue 7/29/25 at 1030 | Given | 07/29/2025 10:35 AM CDT | 5 mg | | |
| atorvastatin (LIPITOR) tablet 40 mg 40 mg AT BEDTIME, Oral, First dose on Mon 7/28/25 at 2100, Avoid co-administration with grapefruit juice. | Given | 07/28/2025 8:50 PM CDT | 40 mg | | |
| bisacodyl (DULCOLAX) suppository 10 mg 10 mg DAILY PRN, Rectal, Constipation, Starting on Mon 7/28/25 at 1241, Give if unable to tolerate enteral medications. | | | | | |
| carvedilol (COREG) tablet 6.25 mg 6.25 mg EVERY 12 HOURS SCHEDULED (2 times per day), Oral, First dose on Mon 7/28/25 at 2100, Monitor BP / Check pulse before giving dose. Do NOT hold dose prior to surgery without a physician order, Hold for SBP less than: 90, Hold for HR less than: 50 | Given | 07/29/2025 9:21 AM CDT | 6.25 mg | | |
| ceFAZolin (ANCEF) 2,000 mg in sterile water (preservative free) IV syringe 2,000 mg ONCE, Intravenous, Administer over 3 Minutes, On Mon 7/28/25 at 0815, For 1 dose, Give SLOW IV PUSH over 3 to 5 minutes. Add 20 mL sterile water for injection to vial, swirl gently to dissolve. Withdraw entire contents of vial. Use immediately after reconstitution. Administer SLOW IV push over 3 to 5 minutes., Pre-op | New Bag | 07/28/2025 10:07 AM CDT | 2,000 mg | | |
| dexAMETHasone (DECADRON) injection PRN, Intravenous, Starting on Mon 7/28/25 at 1039, Anesthesia Intra-op | Given | 07/28/2025 10:39 AM CDT | 10 mg | | |
| dextrose (GLUTOSE) 40 % gel 15 g 15 g PRN, Oral, Hypoglycemia, For blood glucose 40 - 70 mg/dL if patient is awake, responsive and able to take oral fluids, Starting on Mon 7/28/25 at 1957, Repeat blood glucose every 15 minutes AND provide correlating hypoglycemia treatment for each new glucose level (until blood glucose is greater than 70 mg/dL). IDDSI Level 4 Extremely Thick Liquid/Pureed Solid | | | | | |
| dextrose (GLUTOSE) 40 % gel 30 g 30 g PRN, Oral, Hypoglycemia, For blood glucose less than 40 mg/dL if patient is awake, responsive and able to take oral fluids., Starting on Mon 7/28/25 at 1957, Repeat blood glucose every 15 minutes AND provide correlating hypoglycemia treatment for each new glucose level (until blood glucose is greater than 70 mg/dL). IDDSI Level 4 Extremely Thick Liquid/Pureed Solid | | | | | |

| Medication Order | MAR Action | Action Date | Dose | Rate | Site |
|---|------------|----------------------------|-----------|------|-------------------|
| dextrose 50 % injection 12.5 g 12.5 g PRN, Intravenous, Hypoglycemia, For blood glucose 40-70 mg/dL (if patient obtunded, NPO, or unable to swallow), Starting on Mon 7/28/25 at 1957, Each 50 mL = 25 g = 1 syringe. | | | | | |
| dextrose 50 % injection 25 g 25 g PRN, Intravenous, Hypoglycemia, For blood glucose less than 40 mg/dL (if patient obtunded, NPO, or unable to swallow), Starting on Mon 7/28/25 at 1957, Each 50 mL = 25 g = 1 syringe. | | | | | |
| diphenhydramine (BENADRYL) injection PRN, Intravenous, Starting on Mon 7/28/25 at 1010, Anesthesia Intra-op | Given | 07/28/2025 10:10 AM CDT | 25 mg | | |
| docusate sodium-sennosides (SENOKOT S) 50-8.6 MG 2 tablet 2 tablet AT BEDTIME, Per NG Tube, First dose on Mon 7/28/25 at 2100, Hold for loose stool. | Given | 07/28/2025 8:50 PM CDT | 2 tablets | | |
| esmolol (BREVIBLOC) injection PRN, Intravenous, Starting on Mon 7/28/25 at 0954, Anesthesia Intra-op | Given | 07/28/2025 9:54 AM CDT | 20 mg | | |
| etomidate (AMIDATE) injection PRN, Intravenous, Starting on Mon 7/28/25 at 0950, Anesthesia Intra-op | Given | 07/28/2025 9:50 AM CDT | 16 mg | | |
| famotidine (PEPCID) injection PRN, Intravenous, Starting on Mon 7/28/25 at 1010, Anesthesia Intra-op | Given | 07/28/2025 10:10 AM CDT | 20 mg | | |
| fentanyl (SUBLIMAZE) injection 100 mcg 100 mcg ONCE, Intravenous, On Mon 7/28/25 at 1245, For 1 dose, If an IV and an oral/PR medication are ordered PRN for the same pain severity, administer IV only if patient is NPO/if oral is not tolerated. | Given | 07/28/2025 12:38 PM CDT | 100 mcg | | |
| fentanyl (SUBLIMAZE) injection 50 mcg 50 mcg EVERY HOUR PRN, Intravenous, Sedation, RASS 0 to -1, Starting on Mon 7/28/25 at 1246, If an IV and an oral/PR medication are ordered PRN for the same pain severity, administer IV only if patient is NPO/if oral is not tolerated. | Given | 07/28/2025 2:00 PM CDT | 50 mcg | | |
| fentanyl (SUBLIMAZE) injection PRN, Intravenous, Starting on Mon 7/28/25 at 0948, Anesthesia Intra-op | Given | 07/28/2025 10:10 AM CDT | 50 mcg | | |
| FENTANYL CITRATE 0.05 MG/ML IJ SOLN (WRAPPED) Pyxis Override Starting on Mon 7/28/25 at 1221, For 1 dose, Mendoza, Aimer Alcala: cabinet override | | | | | |
| Gelfoam-JMI Sponge Kit PRN, Starting on Mon 7/28/25 at 1116, Intra-op | Given | 07/28/2025 11:16 AM CDT | 1 mL | | Operative Site(s) |
| glucagon (GLUCAGEN) injection 1 mg 1 mg PRN, Intramuscular, Hypoglycemia, For blood glucose 70 mg/dL or less (if patient obtunded, NPO, or unable to swallow), Starting on Mon 7/28/25 at 1957, Give if no IV access. | | | | | |

| Medication Order | MAR Action | Action Date | Dose | Rate | Site |
|--|------------|-------------------------|----------------|------------|-------------------|
| heparin (porcine) 25,000 units/250 mL in dextrose 5 % infusion 1-40 Units/kg/hr x 82.1 kg Order-specific weight CONTINUOUS (0.821-32.84 mL/hr, rounded to 0.8-32.8 mL/hr), Intravenous, Starting on Mon 7/28/25 at 1315, Use Dosing weight for calculations. If patient weight less than 116 kg, start infusion at 18 units/kg/hr. If patient weight is 116 kg or more, initiate infusion at dose according to the INITIAL THROMBOEMBOLISM Treatment Heparin Infusion Table (max initial dose not to exceed 2,100 units/hr). Titrate to maintain PTT 45 - 65 seconds per ADJUSTMENT THROMBOEMBOLISM Treatment Heparin Infusion Table. Conc = 100 units/mL. | New Bag | 07/29/2025 8:01 AM CDT | 14 Units/kg/hr | 11.5 mL/hr | |
| heparin (porcine) injection PRN, Intravenous, Starting on Mon 7/28/25 at 1020, Anesthesia Intra-op | Given | 07/28/2025 10:50 AM CDT | 1,000 Units | | |
| heparin 2 unit/mL in NaCL 0.9% solution PRN, Starting on Mon 7/28/25 at 1022, Intra-op | Given | 07/28/2025 10:22 AM CDT | 500 mLs | | Operative Site(s) |
| hydrALAZINE (APRESOLINE) injection 10 mg 10 mg EVERY 6 HOURS PRN, Intravenous, High Blood Pressure, SBP > 140, Starting on Mon 7/28/25 at 1956, * Do NOT Refrigerate * | Given | 07/28/2025 11:04 PM CDT | 10 mg | | |
| insulin glargine (LANTUS) injection 10 Units 10 Units ONCE, Subcutaneous, On Tue 7/29/25 at 0500, For 1 dose, Notify physician if: blood glucose is under 100 or patient is NPO or tube feedings on hold. * Do NOT mix with any other insulins * | Given | 07/29/2025 6:43 AM CDT | 10 Units | | Abdomen, RUQ |
| insulin lispro (ADMELOG,HumaLOG) - Correction Dose Subcutaneous, 4 TIMES DAILY BEFORE MEALS & NIGHTLY, First dose on Mon 7/28/25 at 2200, >>>SPECIFY Dose Correction Scale<<< If Patient is not eating or NPO, continue to GIVE Correction Dose according to scale below: For Blood Glucose < 130 No Insulin 130-160- 2 units insulin SubQ 161-190- 4 units insulin SubQ 191-220- 6 units insulin SubQ 221-250- 8 units insulin SubQ 251-280- 10 units insulin SubQ 281-310 -12 units insulin SubQ >310 call MD/APP | Given | 07/29/2025 12:10 PM CDT | 10 Units | | Abdomen, RLQ |
| iodixanol (VISIPAQUE) 270 MG/ML injection PRN, Starting on Mon 7/28/25 at 1115, Intra-op | Given | 07/28/2025 11:15 AM CDT | 10 mLs | | Operative Site(s) |
| iohexol (OMNIPAQ 350 INJECT) contrast solution 120 mL 120 mL ONCE, Intravenous, On Mon 7/28/25 at 1200, For 1 dose, * Note: Refrigerated product must be brought to room temp prior to administration * | Given | 07/28/2025 11:57 AM CDT | 120 mLs | | |
| lactated ringers bolus 1,000 mL 1,000 mL ONCE, Intravenous, Administer over 30 Minutes, On Mon 7/28/25 at 1415, For 1 dose | New Bag | 07/28/2025 1:48 PM CDT | 1,000 mLs | 2000 mL/hr | |
| lactated ringers infusion Intravenous, CONTINUOUS PRN, Starting on Mon 7/28/25 at 0941, Anesthesia Intra-op | New Bag | 07/28/2025 9:41 AM CDT | | | |

| Medication Order | MAR Action | Action Date | Dose | Rate | Site |
|--|------------------|----------------------------|--------|----------|------|
| lactated ringers infusion at 50 mL/hr, Intravenous, CONTINUOUS, Starting on Mon 7/28/25 at 1315 | Rate/Dose Verify | 07/29/2025 5:59 AM CDT | | 50 mL/hr | |
| lidocaine 1 % injection PRN, Intravenous, Starting on Mon 7/28/25 at 0948, Anesthesia Intra-op | Given | 07/28/2025 9:48 AM CDT | 50 mg | | |
| lidocaine 2% urethral (UROJET) 2 % jelly 5 mL 5 mL ONCE PRN, Transurethral, Pain, Starting on Mon 7/28/25 at 1704, For 1 dose, For insertion of urinary catheter and pain around foley insertion; meatus | | | | | |
| metoPROLOL (LOPRESSOR) injection PRN, Intravenous, Starting on Mon 7/28/25 at 1011, Anesthesia Intra-op | Given | 07/28/2025 11:19 AM CDT | 2.5 mg | | |
| morphine injection 2 mg 2 mg ONCE, Intravenous, On Tue 7/29/25 at 0030, For 1 dose, If an IV and an oral/PR medication are ordered PRN for the same pain severity, administer IV only if patient is NPO/if oral is not tolerated. | Given | 07/29/2025 12:25 AM CDT | 2 mg | | |
| morphine injection 2 mg 2 mg EVERY 4 HOURS PRN, Intravenous, Severe Pain, Starting on Tue 7/29/25 at 0206, If an IV and an oral/PR medication are ordered PRN for the same pain severity, administer IV only if patient is NPO/if oral is not tolerated. | Given | 07/29/2025 4:06 AM CDT | 2 mg | | |
| MORPHINE SULFATE 2 MG/ML IV SOLN(PF AND NON PF)(WRAPPED) Pyxis Override Starting on Tue 7/29/25 at 0015, For 1 dose, Wojtynek, Abigail: cabinet override | | | | | |
| ondansetron (ZOFTRAN ODT) disintegrating tablet 4 mg 4 mg EVERY 12 HOURS PRN, Oral, Nausea, Vomiting, Starting on Mon 7/28/25 at 1241, Unless otherwise stated, follow the P&T approved PRN antiemetic sequence: 1. ondansetron 2. prochlorperazine 3. metoCLOPramide. If an IV and an oral medication are ordered PRN, administer IV only if patient is NPO/if oral is not tolerated. Do NOT remove from blister until use. Peel foil back, place on top of tongue where it will dissolve. Administration with liquid is not necessary. Do NOT break, crush or chew. | | | | | |
| ondansetron (ZOFTRAN) injection 4 mg 4 mg EVERY 12 HOURS PRN, Intravenous, Administer over 5 Minutes, Nausea, Vomiting, Starting on Mon 7/28/25 at 1241, For patients who are unable to tolerate PO ondansetron or are NPO. Give undiluted over 2 minutes. If IV, give undiluted over 2-5 minutes. | | | | | |
| oxyCODONE (IMM REL) (ROXICODONE) tablet 5 mg 5 mg EVERY 6 HOURS PRN, Oral, Severe Pain, Moderate Pain, Anticipated Moderate Pain During Activity/Procedures, Starting on Mon 7/28/25 at 1738, ** IMMEDIATE RELEASE ** | Given | 07/28/2025 11:30 PM CDT | 5 mg | | |

| Medication Order | MAR Action | Action Date | Dose | Rate | Site |
|--|------------------|-------------------------|---------------|-------------|-------------------|
| polyethylene glycol (MIRALAX) packet 17 g 17 g DAILY PRN, Per NG Tube, Constipation, Starting on Mon 7/28/25 at 1241, Give if patient able to tolerate enteral medications. | | | | | |
| potassium CHLORIDE (KLOR-CON M) crys ER tablet 40 mEq 40 mEq ONCE, Oral, On Tue 7/29/25 at 0615, For 1 dose, Ordered placed per 3.6 - 4 mEq/L Potassium Replacement BPA. Do NOT crush or chew. Scored tablets may be split. Give with meals whenever possible to decrease GI effects. | Given | 07/29/2025 6:43 AM CDT | 40 mEq | | |
| pregabalin (LYRICA) capsule 150 mg 150 mg 3 TIMES DAILY, Oral, First dose on Mon 7/28/25 at 2100 | Given | 07/29/2025 9:21 AM CDT | 150 mg | | |
| propofol (DIPRIVAN) infusion CONTINUOUS PRN, Intravenous, Starting on Mon 7/28/25 at 1133, Anesthesia Intra-op | New Bag | 07/28/2025 11:33 AM CDT | 50 mcg/kg/min | 24.63 mL/hr | |
| propofol (DIPRIVAN) infusion 0-50 mcg/kg/min × 82.1 kg Order-specific weight CONTINUOUS (0-24.63 mL/hr, rounded to 0-24.6 mL/hr), Intravenous, Starting on Mon 7/28/25 at 1300, Titrating (yes/no)? Yes (must use dose range when ordering), Titration units (defaults to appropriate selection): mcg/kg/min (Adult/Adolescent), Titrate by: STANDARD algorithm based on RASS, Starting dose: 10 mcg/kg/min, Goal RASS: -1 to 0, If at goal: Continue current rate, If not at goal, titrate every: 10 minutes, If RASS greater than goal: Increase infusion rate, Increase infusion by: 5-20 mcg/kg/min, If RASS less than goal: Decrease infusion rate, Decrease infusion rate by: 5-20 mcg/kg/min, Notify the provider when: Unable to attain clinical goal within parameters, Conc = 10 mg/mL (Standard concentration) | Rate/Dose Verify | 07/28/2025 2:59 PM CDT | 30 mcg/kg/min | 14.8 mL/hr | |
| propofol (DIPRIVAN) IV bolus PRN, Intravenous, Administer over 5 Minutes, Starting on Mon 7/28/25 at 0954, Anesthesia Intra-op | Given | 07/28/2025 10:12 AM CDT | 100 mg | | |
| rocuronium injection PRN, Intravenous, Starting on Mon 7/28/25 at 0951, Anesthesia Intra-op | Given | 07/28/2025 11:17 AM CDT | 20 mg | | |
| sodium chloride 0.9 % injection 2 mL 2 mL EVERY 12 HOURS SCHEDULED (2 times per day), Intracatheter, First dose on Mon 7/28/25 at 1245 | Given | 07/29/2025 9:25 AM CDT | 2 mLs | | |
| sodium chloride 0.9% infusion Intravenous, CONTINUOUS PRN, Starting on Mon 7/28/25 at 0941, Anesthesia Intra-op | New Bag | 07/28/2025 9:41 AM CDT | | | |
| sodium chloride for IRRIGATION 0.9 % irrigation solution PRN, Starting on Mon 7/28/25 at 1021, Intra-op | Given | 07/28/2025 10:21 AM CDT | 500 mLs | | Operative Site(s) |
| thrombin JMI topical kit 5000 units solution PRN, Starting on Mon 7/28/25 at 1014, Intra-op | Given | 07/28/2025 10:14 AM CDT | 2 kits | | Operative Site(s) |

Insurance - documented as of this encounter

Guarantor: Sajjad, Mohammad I

| Account Type | Relation to Patient | Date of Birth | Phone | Billing Address |
|-----------------|---------------------|---------------|------------------------|--|
| Personal/Family | Self | 05/23/1984 | 000-000-0000 (Home) | 1275 N NORTHWEST HWY FL 2 PARK RIDGE, IL 60068-1662 |

MC UMR UNITEDHEALTHCARE AAH EMPLOYEE

| | | |
|---|---|--|
| Member | Subscriber | Plan / Payer (Effective 01/09/2025-Present) |
| Name: Sajjad, Mohammad I Member ID: 48009527 Relation to Subscriber: Spouse | Name: Ibrahim, Hina Subscriber ID: 48009527 Date of Birth: 01/31/1981 Phone: 773-603-0607 (Home) Address: 1275 N NORTHWEST HWY PARK RIDGE, IL 60068 | Payer ID: 707 (NAIC) Group ID: 76415479A02 Type: MC EMPLOYEE-SELECT Address: PO BOX 30541 SALT LAKE CITY, UT 84130-0541 |

Advance Directives

Full Resuscitation (Latest Code Status on File)

| Date Activated | Date Inactivated | Comments |
|--------------------|-------------------|----------|
| 7/28/2025 12:42 PM | 7/29/2025 6:18 PM | |

Full Resuscitation

| Date Activated | Date Inactivated | Comments |
|-------------------|-------------------|----------|
| 7/22/2025 1:26 AM | 7/25/2025 1:07 AM | |

Full Resuscitation

| Date Activated | Date Inactivated | Comments |
|-------------------|-------------------|----------|
| 7/17/2025 7:32 AM | 7/20/2025 3:42 PM | |

Full Resuscitation

| Date Activated | Date Inactivated | Comments |
|-------------------|-------------------|----------|
| 7/17/2025 7:32 AM | 7/17/2025 7:32 AM | |

Full Resuscitation

| Date Activated | Date Inactivated | Comments |
|-------------------|-------------------|----------|
| 8/20/2024 5:57 PM | 8/21/2024 6:43 PM | |

Care Teams - documented as of this encounter

| Team Member | Relationship | Specialty | Start Date | End Date |
|---|---------------|-----------------------|------------|----------|
| Zareena Abbas, MD NPI: 1427078872 5140 N CALIFORNIA AVE SUITE 505 CHICAGO, IL 60625 773-561-5000 (Work) 773-561-2503 (Fax) | PCP - General | Internal Medicine | 7/17/25 | |
| Shams Bufalino, MD NPI: 1831488741 1700 LUTHER LANE STE 2200 PARK RIDGE, IL 60068 847-268-8200 (Work) 847-318-2905 (Fax) | | Hematology & Oncology | 4/16/21 | |

Patient Contacts

| Contact Name | Contact Address | Communication | Relationship to Patient |
|--------------|-----------------|-----------------------|---------------------------|
| Hina Ibrahim | Unknown | 773-603-0607 (Mobile) | Spouse, Emergency Contact |

Document Information

Primary Care Provider

Zareena Abbas, MD (Jul. 17, 2025 - Present)
NPI: 1427078872
773-561-5000 (Work)
773-561-2503 (Fax)
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Internal Medicine
NorthShore University HealthSystem
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Other Service Providers

Shams Bufalino, MD
NPI: 1831488741
847-268-8200 (Work)
847-318-2905 (Fax)
1700 LUTHER LANE
STE 2200
PARK RIDGE, IL 60068
Hematology & Oncology
Advocate Aurora Health
750 West Virginia Street
Milwaukee, WI 53215

Document Coverage Dates

Jul. 28, 2025 - Jul. 29, 2025

Custodian Organization

Advocate Aurora Health

750 West Virginia Street
Milwaukee, WI 53215

Encounter Providers

Encounter Date

Robert Weiss, MD (Attending, Admitting) **Rajeev V** (Attending)

Jul. 28, 2025 - Jul. 29, 2025

NPI: 1609398825
847-384-1420 (Work)
847-318-9332 (Fax)
1875 DEMPSTER ST
STE 550
PARK RIDGE, IL 60068
Vascular Surgery

Robyn R, RN (Attending)
Registered Nurse

Abigail W, RN (Attending)
Registered Nurse

Benedict R (Attending)

Madhu J, RD (Attending)
Dietitian, Registered

Molly J (Attending)

Mayda E (Attending)

Audriana M (Attending)
Respiratory Therapist, Certified

Maryknoll L (Attending)
Case Manager/Care Coordinator

April I (Attending)
Physical Therapy

Linda V, RN (Attending)
Registered Nurse

Kellyn B (Attending)
Occupational Therapy

Legal Authenticator

Vice P