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LABORATORY INVESTIGATION REPORT**Patient Name:**

Mr. Sunil Datt

Registration No:

96261

Age / Gender:

30 Years / Male

Location:

Patparganj

UHID:

EHPG.329390

Order Date/Time:

23/03/2012

Referring Doctor:

Dr. V.R. Sood

Report Date:

24/03/2012

X-RAY CHEST PA / AP VIEW**Clinical History:** Routine examination**Technique:** Digital chest radiography, PA view**Findings:**

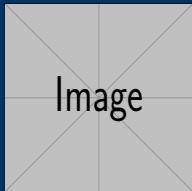
- No focal lesion or opacity seen in lung parenchyma bilaterally
- Costophrenic angles and domes of diaphragm are normal
- Both hila and pulmonary vascular markings are normal
- Cardiac size and configuration are within normal limits (CTR \pm 0.5)
- Trachea is central with no mediastinal shift
- Bony thorax and visualized soft tissues are unremarkable

IMPRESSION: *No radiological abnormality detected.***ADVICE:** Clinical correlation recommended.

Dr. Archana Mathur, M.D.
Consultant Radiologist
Reg. No: 5541

Digital Signature

Report ID: RAD-2012-0324-001 — Verified: 24/03/2012 14:35

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LABORATORY INVESTIGATION REPORT

Patient Name:	Mr. Sunil Datt	Registration No:	96261
Age / Gender:	30 Years / Male	Location:	Patparganj
UHID:	EHPG.329390	Order Date/Time:	24/03/2012 01:19 PM
Referring Doctor:	Dr. V.R. Sood	Report Date:	24/03/2012

LACTATE DEHYDROGENASE (LDH) – SERUM**Specimen:** Serum — **Method:** Kinetic UV — **Sample ID:** LAB-2012-0324-002

Parameter	Result	Unit	Reference Range
LDH (Total), Serum	1497*	IU/L	98 – 192

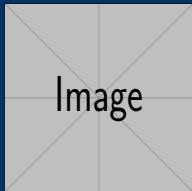
Note: * indicates values outside reference range**Interpretation:** Significantly elevated LDH levels may indicate tissue damage, hemolysis, or malignancy. Clinical correlation essential.**Dr. Ashish Seymour, M.D.**Consultant – Laboratory Medicine
Reg. No: 3892

Digital Signature

Dr. Preeti Tuli, M.D.Consultant – Laboratory Medicine
Reg. No: 4156

Digital Signature

Report ID: LAB-2012-0324-002 — Verified: 24/03/2012 13:45

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LABORATORY INVESTIGATION REPORT

Patient Name:	Mr. Sunil Datt	Registration No:	96261
Age / Gender:	30 Years / Male	Location:	Patparganj
UHID:	EHPG.329390	Order Date/Time:	24/03/2012 06:46 AM
Referring Doctor:	Dr. V.R. Sood	Report Date:	24/03/2012

URINE ROUTINE & MICROSCOPIC EXAMINATION**Specimen:** Random Urine — **Method:** Dipstick & Microscopy — **Sample ID:** UR-2012-0324-001

Parameter	Result	Unit	Normal Range
PHYSICAL EXAMINATION			
Colour	Pale Yellow	—	Pale Yellow
Appearance	Clear	—	Clear
pH	5.0	—	5.0 – 6.0
Specific Gravity	1.015	—	1.015 – 1.025
CHEMICAL EXAMINATION			
Protein	Nil	—	Nil
Glucose	Nil	—	Nil
Ketones	Nil	—	Nil
Blood	Nil	—	Nil
Bilirubin	Nil	—	Nil
Urobilinogen	Normal	—	Normal
Nitrite	Negative	—	Negative
MICROSCOPIC EXAMINATION			
RBCs	Nil	/HPF	0–2
Leukocytes	0–1	/HPF	0–5
Epithelial Cells	0–1	/HPF	Few
Casts	Nil	/LPF	Nil
Crystals	Nil	—	Nil
Bacteria	Nil	—	Nil

IMPRESSION: Normal urine examination. No evidence of infection or abnormality.

Dr. Ashish Seymour, M.D.
Consultant – Laboratory Medicine
Reg. No: 3892

Digital Signature

Report ID: UR-2012-0324-001 — Verified: 24/03/2012 09:20

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LABORATORY INVESTIGATION REPORT

Patient Name:	Mr. Sunil Datt	Registration No:	96261
Age / Gender:	30 Years / Male	Location:	Patparganj
UHID:	EHPG.329390	Order Date/Time:	23/03/2012 01:10 PM
Referring Doctor:	Dr. V.R. Sood	Report Date:	24/03/2012

LIVER FUNCTION TESTS (LFT) & RENAL PROFILE**Specimen:** Serum — **Method:** Automated Analyzer — **Sample ID:** BIO-2012-0323-005

Parameter	Result	Unit	Reference Range
LIVER FUNCTION			
SGOT (AST)	38	IU/L	15 – 41
SGPT (ALT)	23	IU/L	17 – 63
Alkaline Phosphatase	146*	IU/L	32 – 91
Bilirubin, Total	0.8	mg/dL	0.3 – 1.2
Bilirubin, Direct	0.1	mg/dL	0.1 – 0.5
Bilirubin, Indirect	0.7	mg/dL	0.1 – 1.0
RENAL FUNCTION			
Serum Creatinine	1.3*	mg/dL	0.6 – 1.2

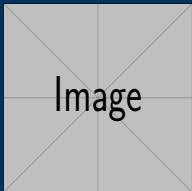
Note: * indicates values outside reference range**Interpretation:**

- Mildly elevated Alkaline Phosphatase – consider bone or hepatobiliary pathology
- Borderline elevated Creatinine – renal function assessment recommended

Dr. Preeti Tuli, M.D.
Consultant – Laboratory Medicine
Reg. No: 4156

Digital Signature

Report ID: BIO-2012-0323-005 — Verified: 24/03/2012 08:15

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LABORATORY INVESTIGATION REPORT

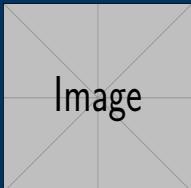
Patient Name:	Mr. Sunil Datt	Registration No:	96261
Age / Gender:	30 Years / Male	Location:	Patparganj
UHID:	EHPG.329390	Order Date/Time:	24/03/2012 06:46 AM
Referring Doctor:	Dr. V.R. Sood	Report Date:	24/03/2012

URINE ROUTINE EXAMINATION (REPEAT)**Specimen:** Random Urine — **Sample ID:** UR-2012-0324-002*Results identical to report UR-2012-0324-001 dated 24/03/2012**All parameters within normal limits**Please refer to comprehensive report on Page 3 for detailed findings*

Dr. Ashish Seymour, M.D.
Consultant – Laboratory Medicine
Reg. No: 3892

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Report ID: UR-2012-0324-002 — Verified: 24/03/2012 10:30

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LABORATORY INVESTIGATION REPORT

Patient Name:	Mr. Sunil Datt	Registration No:	112490
Age / Gender:	30 Years / Male	Location:	Patparganj
UHID:	EHPG.329390	Order Date/Time:	15/10/2012
Referring Doctor:	Dr. Amit Upadhyay	Report Date:	16/10/2012

FLOW CYTOMETRY – MYELOPEROXIDASE (cMPO) ANALYSIS

Specimen: Peripheral Blood (EDTA) — **Method:** Multi-parameter Flow Cytometry
Sample ID: FCM-2012-1016-001

Clinical Details: Evaluation for hematological malignancy

FINDINGS:

- Total events acquired: 50,000
- Blast population identified and gated: **80.3%**
- Cytoplasmic Myeloperoxidase (cMPO) expression: **0.61%** of gated blasts

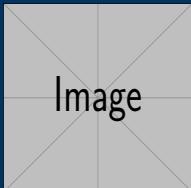
INTERPRETATION:

Minimal myeloperoxidase expression ($\leq 1\%$) in the blast population suggests *non-myeloid lineage*. Correlation with morphology and additional immunophenotyping markers recommended.

Dr. Poonam S Das, M.D.
Director – Laboratory Medicine & Pathology
Reg. No: 2847

Digital Signature

Report ID: FCM-2012-1016-001 — Verified: 16/10/2012 16:45

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LABORATORY INVESTIGATION REPORT

Patient Name:	Mr. Sunil Datt	Registration No:	112490
Age / Gender:	30 Years / Male	Location:	Patparganj
UHID:	EHPG.329390	Order Date/Time:	16/10/2012
Referring Doctor:	Dr. Amit Upadhyay	Report Date:	16/10/2012

FLOW CYTOMETRY – CD79a ANALYSIS

Specimen: Peripheral Blood (EDTA) — **Method:** Multi-parameter Flow Cytometry
Sample ID: FCM-2012-1016-002

Clinical Details: Evaluation for hematological malignancy – B-cell lineage assessment

FINDINGS:

- Total events acquired: 50,000
- Blast population identified and gated: **80.3%**
- CD79a (B-cell marker) expression: **99.07%** of gated blasts

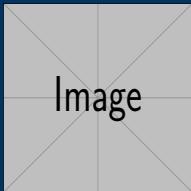
INTERPRETATION:

Strong CD79a expression (>99%) in blast population indicates **B-lymphoblastic lineage**. Combined with low cMPO expression (0.61%), findings are consistent with *B-cell acute lymphoblastic leukemia (B-ALL)*. Recommend complete immunophenotyping panel and molecular studies.

Dr. Poonam S Das, M.D.
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Report ID: FCM-2012-1016-002 — Verified: 16/10/2012 17:20

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LABORATORY INVESTIGATION REPORT

Patient Name:	Mr. Sunil Datt	Registration No:	112490
Age / Gender:	30 Years / Male	Location:	Patparganj
UHID:	EHPG.329390	Order Date/Time:	18/10/2012
Referring Doctor:	Dr. Amit Upadhyay	Report Date:	18/10/2012

COMPLETE HEMOGRAM & PERIPHERAL BLOOD EXAMINATION

Specimen: Whole Blood (EDTA) — **Method:** Automated Hematology Analyzer + Manual Differential

Sample ID: HEM-2012-1018-001

Parameter	Result	Unit	Reference Range
Hemoglobin	7.1*	g/dL	13.0 – 17.0
Total Leukocyte Count	45.9*	×10 ⁹ /L	4.0 – 11.0
Platelet Count	56*	×10 ⁹ /L	150 – 450
DIFFERENTIAL COUNT			
Blast Cells	41%*	—	0%

PERIPHERAL BLOOD PICTURE:

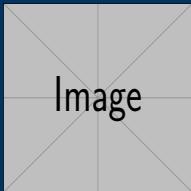
- Marked leukocytosis with predominant blast cells (41%)
- Severe anemia with normocytic normochromic red blood cells
- Severe thrombocytopenia

IMPRESSION: Findings highly suggestive of acute leukemia. Bone marrow examination and immunophenotyping recommended for definitive diagnosis.

Dr. Poonam S Das, M.D.
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Report ID: HEM-2012-1018-001 — Verified: 18/10/2012 11:30

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LABORATORY INVESTIGATION REPORT

Patient Name:	Mr. Sunil Datt	Registration No:	112490
Age / Gender:	30 Years / Male	Location:	Patparganj
UHID:	EHPG.329390	Order Date/Time:	16/10/2012
Referring Doctor:	Dr. Amit Upadhyay	Report Date:	16/10/2012

COMPLETE HEMOGRAM (REPEAT) & PERIPHERAL BLOOD EXAMINATION

Specimen: Whole Blood (EDTA) — **Method:** Automated Hematology Analyzer + Manual Differential

Sample ID: HEM-2012-1016-003

Parameter	Result	Unit	Reference Range
Hemoglobin	7.5*	g/dL	13.0 – 17.0
Total Leukocyte Count	29.3*	×10 ⁹ /L	4.0 – 11.0
Platelet Count	92*	×10 ⁹ /L	150 – 450
DIFFERENTIAL COUNT			
Blast Cells	80%*	—	0%

PERIPHERAL BLOOD PICTURE:

- Normocytic normochromic red blood cells
- Blast cells markedly increased to 80%**
- Severe thrombocytopenia persists
- Leukocytosis with blast predominance

COMMENT: Progression of blast count from 41% to 80% noted. Urgent clinical correlation and treatment initiation recommended.

Dr. Poonam S Das, M.D.Director – Laboratory Medicine & Pathology
Reg. No: 2847

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Report ID: HEM-2012-1016-003 — Verified: 16/10/2012 14:50

END OF REPORT