



Patient Name : Mrs. C Lakshmi  
Age : 40 Years  
Referring Doctor : Dr. Sanjay Goja

MRN : 10020001277899  
Sex : Female  
Date : 05.09.2021 (Eve)

**COLOUR DOPPLER EXAMINATION OF LIVER**

*(Bedside portable scan)*

**FINDINGS & IMPRESSION:**

**Transplant liver** measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Diameter- 9 mm
- Flow direction – Hepatopetal
- Velocity – 97 cm/s
- Flow volume – 1275 cc/min

**Hepatic veins:** Confluent MHV and LHV shows triphasic spectral pattern.

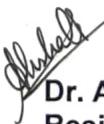
- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible
- Thrombosis is absent.

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 39 cm/s
- RI – 0.64
- SAT – 51 m/s

There is mild ascites and trace free fluid at the cut surface of liver

*There is mild left pleural effusion and trace perisplenic free fluid.*

  
**Dr. Akshata**  
Resident



Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 05.09.2021 (Mor)

**COLOUR DOPPLER EXAMINATION OF TRANSPLANT LIVER**  
*(Bedside portable scan)*

**FINDINGS & IMPRESSION:**

Transplant liver measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Diameter- 8.1 mm
- Flow direction – Hepatopetal
- Velocity – 95 cm/sec
- Flow volume – 1700 cc/min

**Hepatic veins:- MHV and LHV shows triphasic spectral pattern.**

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 63 cm/s
- RI – 0.52
- SAT – 51 m/s

There is mild ascites and trace free fluid at the cut surface of liver

*There is mild left pleural effusion and trace perisplenic free fluid.*



Dr. Akshata  
 Resident



Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 04.09.2021 (morning)

### COLOUR DOPPLER EXAMINATION OF LIVER

(Bedside portable scan)

#### FINDINGS & IMPRESSION:

Transplant liver measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

##### **Portal vein: -**

- Diameter- 10 mm
- Flow direction – Hepatopetal
- Velocity – 90 cm/sec
- Flow volume – 1508 cc/min

##### **Hepatic veins (confluent MHV and LHV): -**

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

##### **Hepatic artery: -**

- Flow direction – Hepatopetal
- IHA RI – 0.63
- EHA RI – 0.68

*Heterogeneous collection noted at cut surface of liver measuring 2.8 x 2.7 x 2.3 cm (Volume – 9.4 cc), in keeping with hematoma, likely post operative. No significant interval change*

*Right kidney shows minimal perinephric organized fluid collection of maximum thickness 7 mm. No significant interval change*

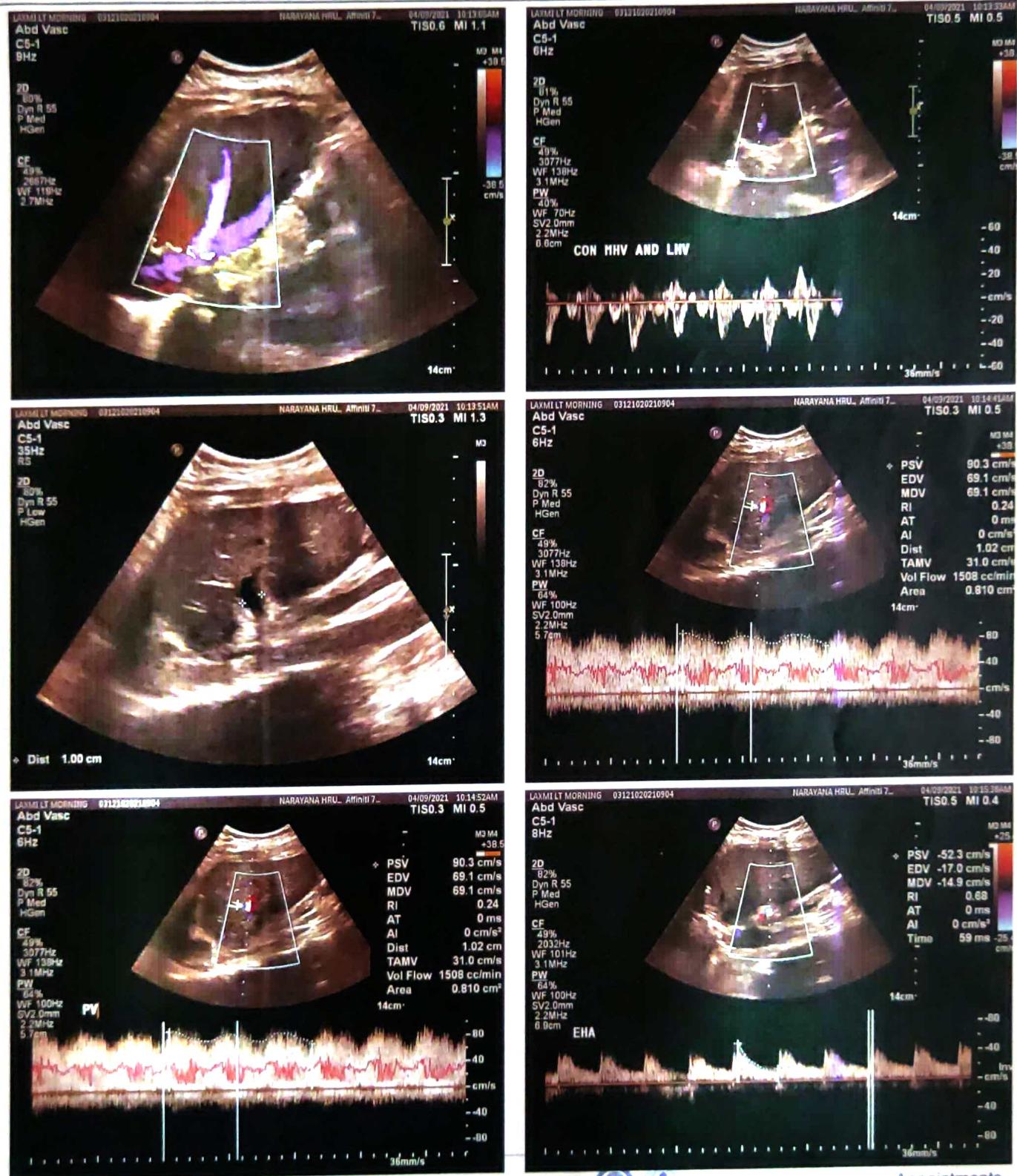


Dr. Vikas M  
Resident

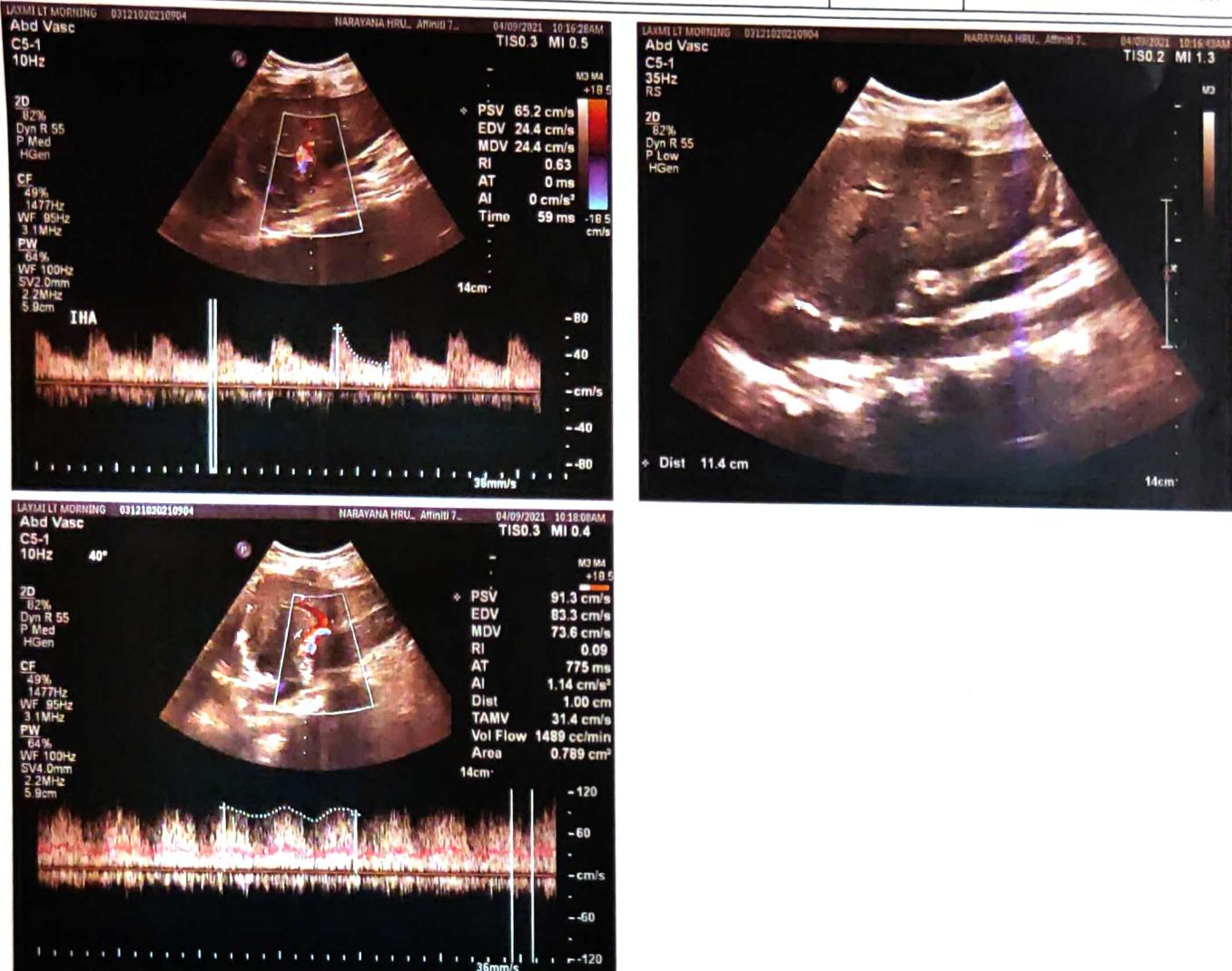
*Typed by G. Banuprakash*



Patient name	LAXMI LT MORNING^^^^	Age/Sex	
Patient ID	03121020210904	Visit No	1
Referred by	Dr.	Visit Date	04/09/2021 10:12:00 AM



Patient name	LAXMI LT MORNING ^^^^	Age/Sex	
Patient ID	03121020210904	Visit No	1
Referred by	Dr.	Visit Date	04/09/2021 10:12:00 AM



Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 04.09.2021 (evening)

### COLOUR DOPPLER EXAMINATION OF LIVER

*(Bedside portable scan)*

#### FINDINGS & IMPRESSION:

Transplant liver measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

##### Portal vein: -

- Diameter- 9 mm
- Flow direction – Hepatopetal
- Velocity – 100 cm/sec
- Flow volume – 1250 cc/min

##### Hepatic veins (confluent MHV and LHV): -

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

##### Hepatic artery: -

- Flow direction – Hepatopetal
- IHA RI – 0.53
- EHA RI – 0.71

*Trace free fluid noted adjacent to cut surface of liver. There is near total resolution of previously noted hematoma at cut surface.*

*Interval resolution of previously noted organized perinephric fluid collection.*

*Trace right pleural effusion*

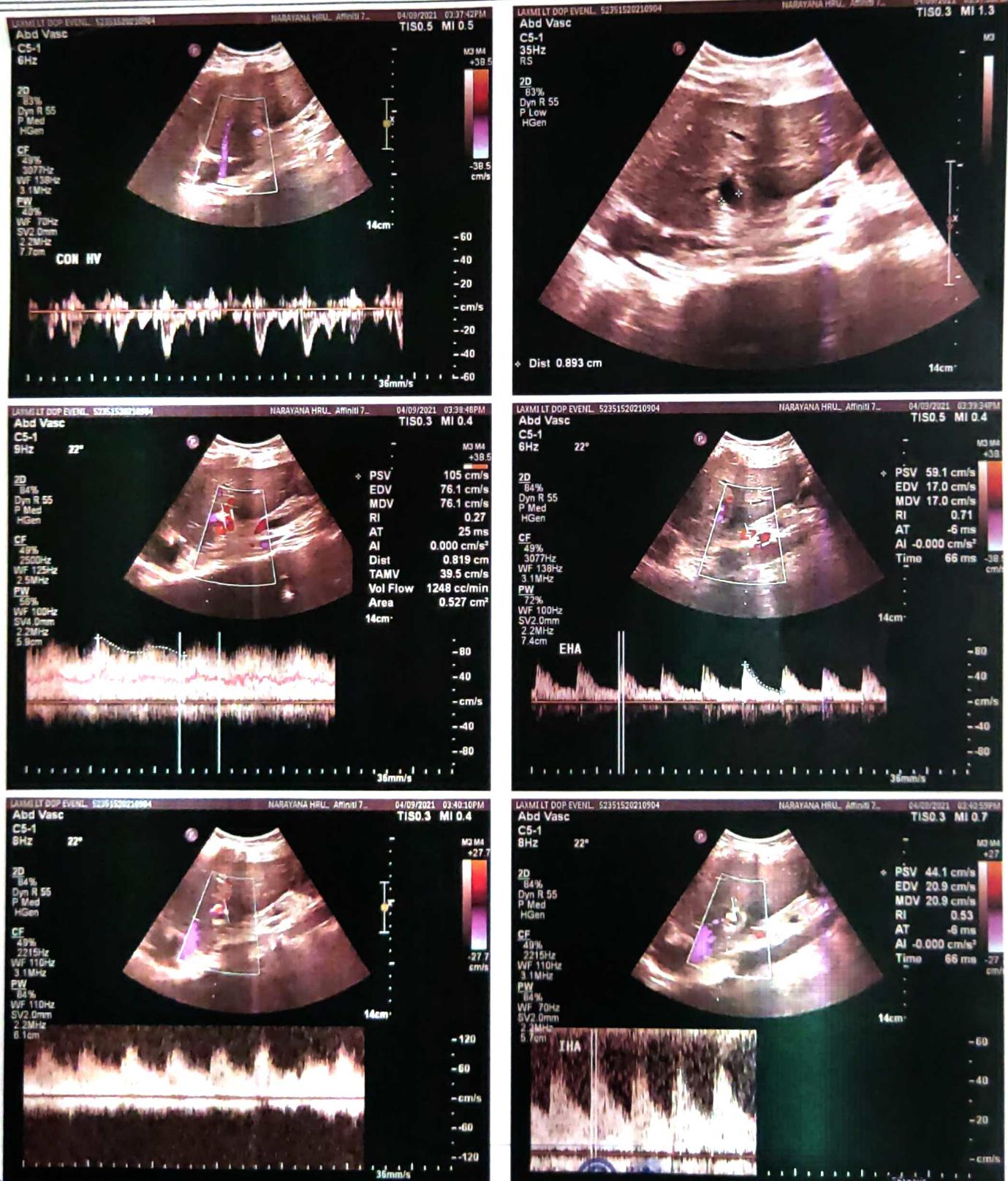


Dr. Vikas M  
Resident

*Typed by G. Banuprakash*



Patient name	LAXMI LT DOP EVENING <sup>****</sup>	Age/Sex	
Patient ID	52351520210904	Visit No	1
Referred by	Dr.	Visit Date	04/09/2021 03:35:00 PM



Patient Name : Mrs. C Lakshmi  
Age : 40 Years  
Referring Doctor : Dr. Sanjay Goja

MRN : 10020001277899  
Sex : Female  
Date : 03.09.2021

COLOUR DOPPLER EXAMINATION OF LIVER

*(Morning)*

*(Bedside portable scan)*

*11 AM*

FINDINGS & IMPRESSION:

Transplant liver measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Diameter- 8.6 mm
- Flow direction – Hepatopetal
- Velocity – 95 cm/sec
- Flow volume – 1180 cc/min

**Hepatic veins (confluent MHV and LHV): -**

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

**Hepatic artery: -**

- Flow direction – Hepatopetal
- IHA RI – 0.72
- EHA RI – 0.73

*Heterogeneous collection noted at cut surface of liver measuring 2.8 x 2.7 x 2.3 cm (Volume – 9.4 cc), in keeping with hematoma, likely post operative.*

*Right kidney shows minimal perinephric organized fluid collection of maximum thickness 7 mm.*

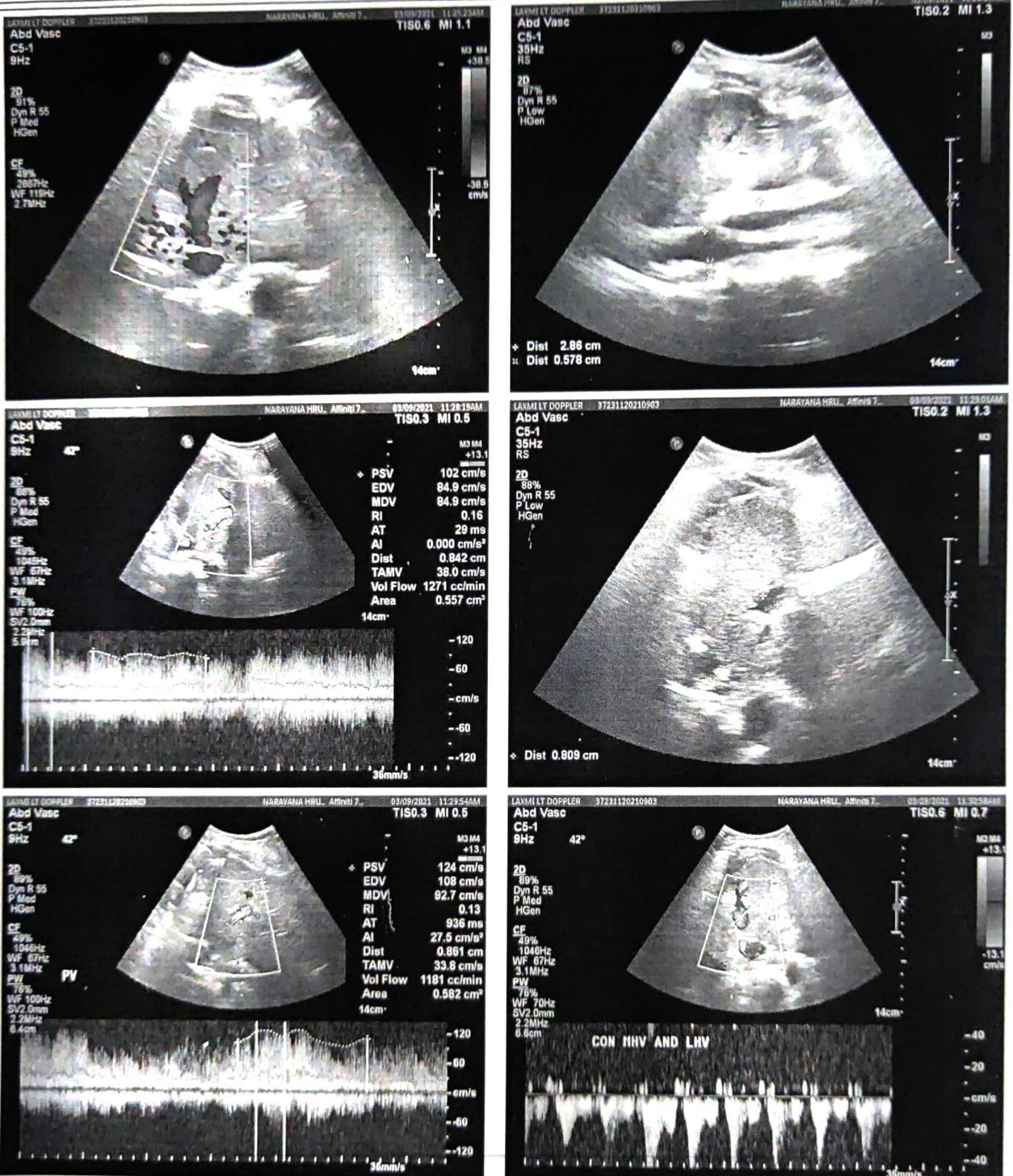
**Suggested follow up.**

  
Dr. Vikas M  
Resident

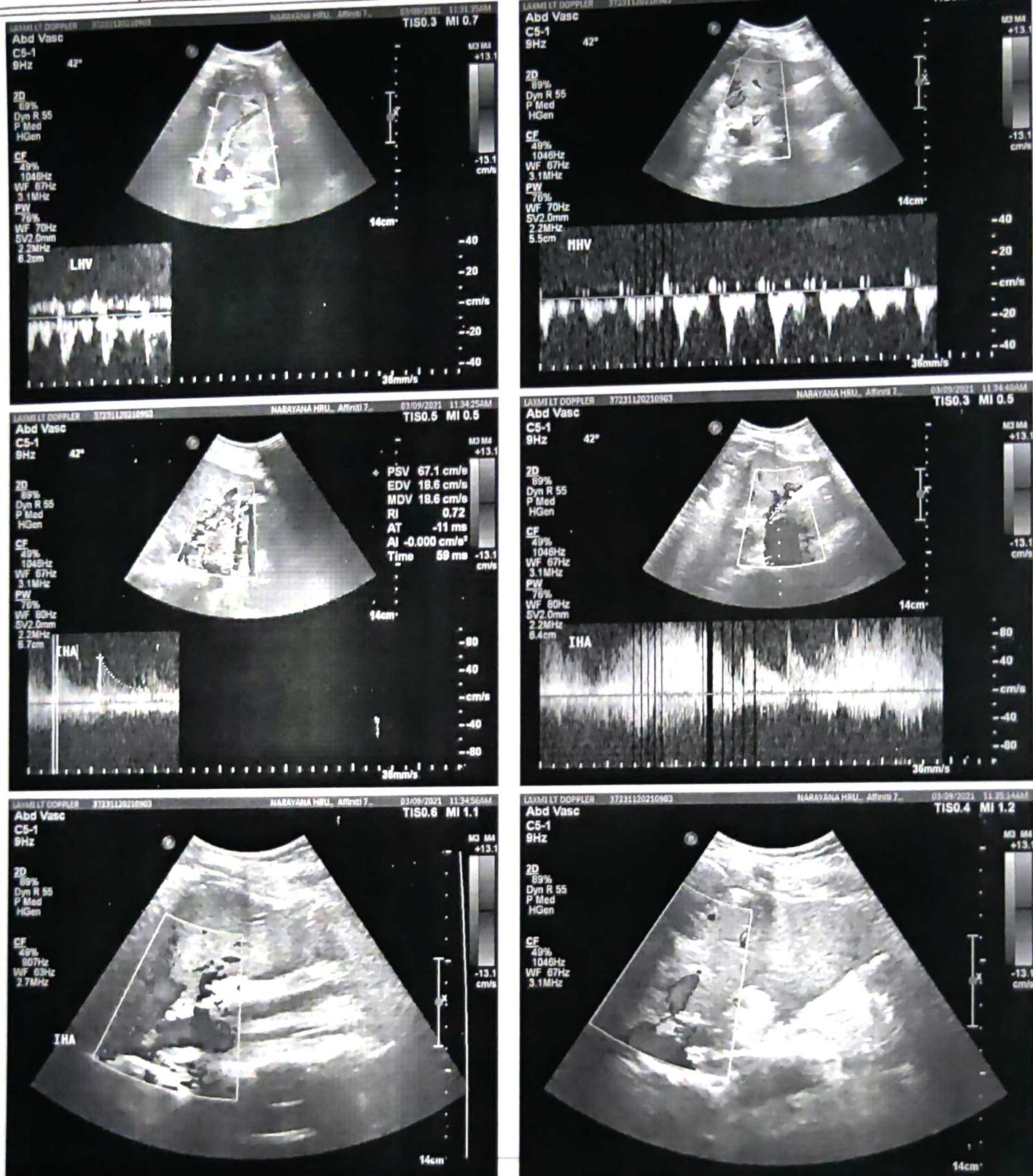
*Typed by G. Banuprakash*



Patient name	LAXMI LT DOPPLER****	Age/Sex	
Patient ID	37231120210903	Visit No	1
Referred by	Dr.	Visit Date	03/09/2021 11:23:00 AM



Patient name	LAXMI LT DOPPLER^^^^	Age/Sex	
Patient ID	37231120210903	Visit No	1
Referred by	Dr.	Visit Date	03/09/2021 11:23:00 AM



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Hospital Address: NH Health City, 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

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Appointments

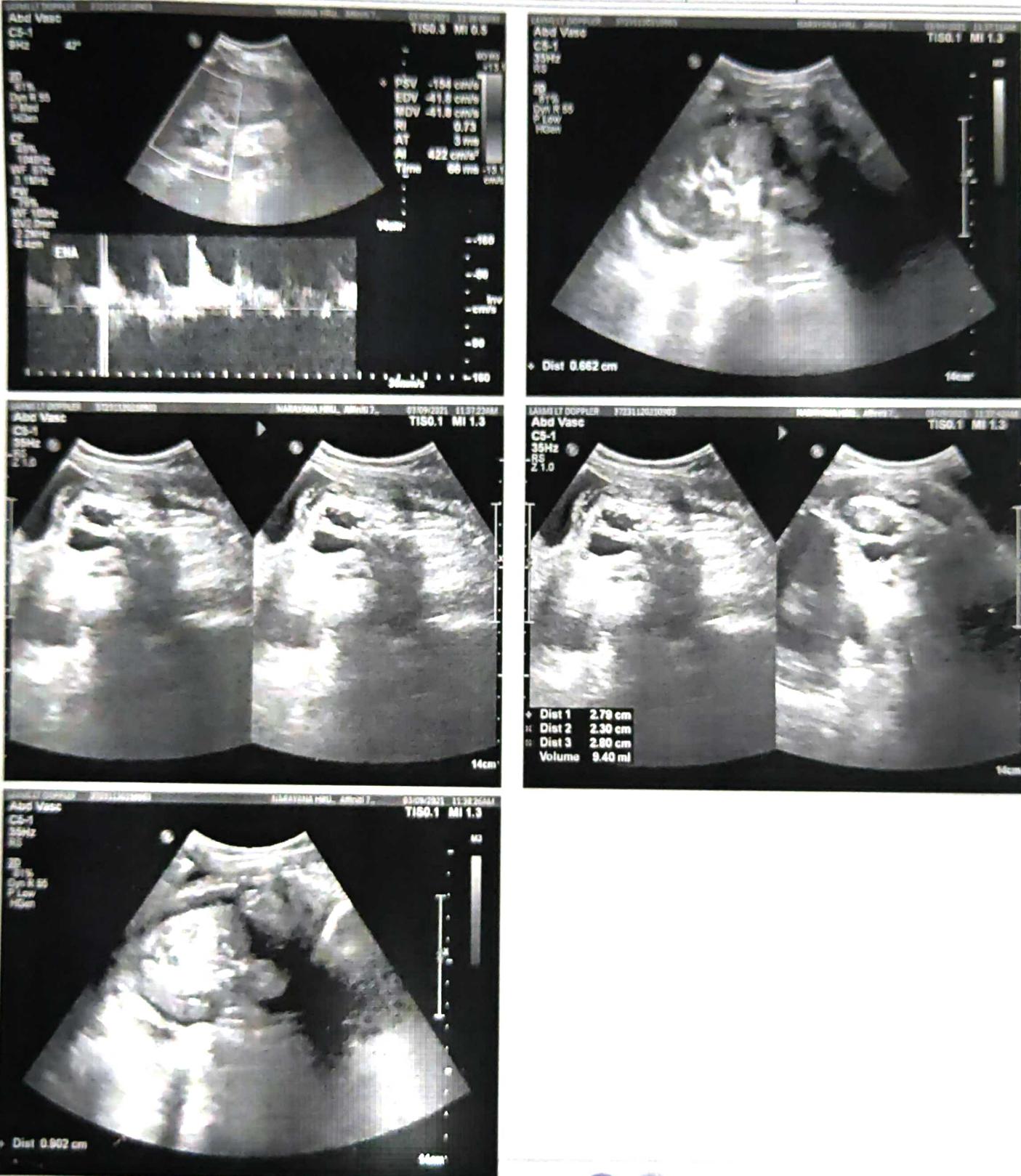
1800-309-0309 (Toll Free)

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Emergencies

**97384 97384**

Patient name	LAXMI LT DOPPLER****	Age/Sex	
Patient ID	37231120210903	Visit No	1
Referred by	Dr	Visit Date	03/09/2021 11:23:00 AM



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Appointments

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Emergencies

**97384 97384**

Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 03.09.2021

### COLOUR DOPPLER EXAMINATION OF LIVER (EVENING-4pm)

(Bedside portable scan)

#### FINDINGS & IMPRESSION:

**Transplant liver** measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

##### **Portal vein: -**

- Diameter- 8.5 mm
- Flow direction – Hepatopetal
- Velocity – 85 cm/sec
- Flow volume – 1200 cc/min

##### **Hepatic veins (confluent MHV and LHV): -**

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

##### **Hepatic artery: -**

- Flow direction – Hepatopetal
- IHA RI – 0.56
- EHA RI – 0.70

*Heterogeneous collection noted at cut surface of liver measuring 2.8 x 2.7 x 2.3 cm (Volume – 9.4 cc), in keeping with hematoma, likely post operative. No significant interval change*

*Right kidney shows minimal perinephric organized fluid collection of maximum thickness 7 mm. No significant interval change*

*Suggested follow up.*



Dr. Vikas M  
Resident

*Typed by G. Banuprakash*



Patient name	LAXMI LT DOP EVENIN ^^^^	Age/Sex	
Patient ID	18341520210903	Visit No	1
Referred by	Dr.	Visit Date	03/09/2021 03:34:00 PM



Patient name	LAXMI LT DOP EVENIN <sup>AAAA</sup>	Age/Sex	
Patient ID	18341520210903	Visit No	1
Referred by	Dr.	Visit Date	03/09/2021 03:34:00 PM



Patient name	LAXMI LT DOP EVENIN^^^^	Age/Sex	
Patient ID	18341520210903	Visit No	1
Referred by	Dr.	Visit Date	03/09/2021 03:34:00 PM



Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Manoj Singh	Date	: 01.09.2021

Pre-op liver Doppler

(Bedside portable scan)

FINDINGS:

**Portal vein:** -

- Flow direction – Hepatopetal
- Velocity – 18.8 cm/sec
- Flow volume – 516 cc/min.

**Hepatic veins:** -

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible
- RHV – Triphasic
- MHV – Triphasic
- LHV- Triphasic

**Hepatic artery:** -

- PSV – 31 cm/s
- Flow direction – Hepatopetal
- RI – 0.73
- AT – 12 ms.

IMPRESSION:

- Hepatic Doppler parameters as described above.
- No evidence of thrombosis.

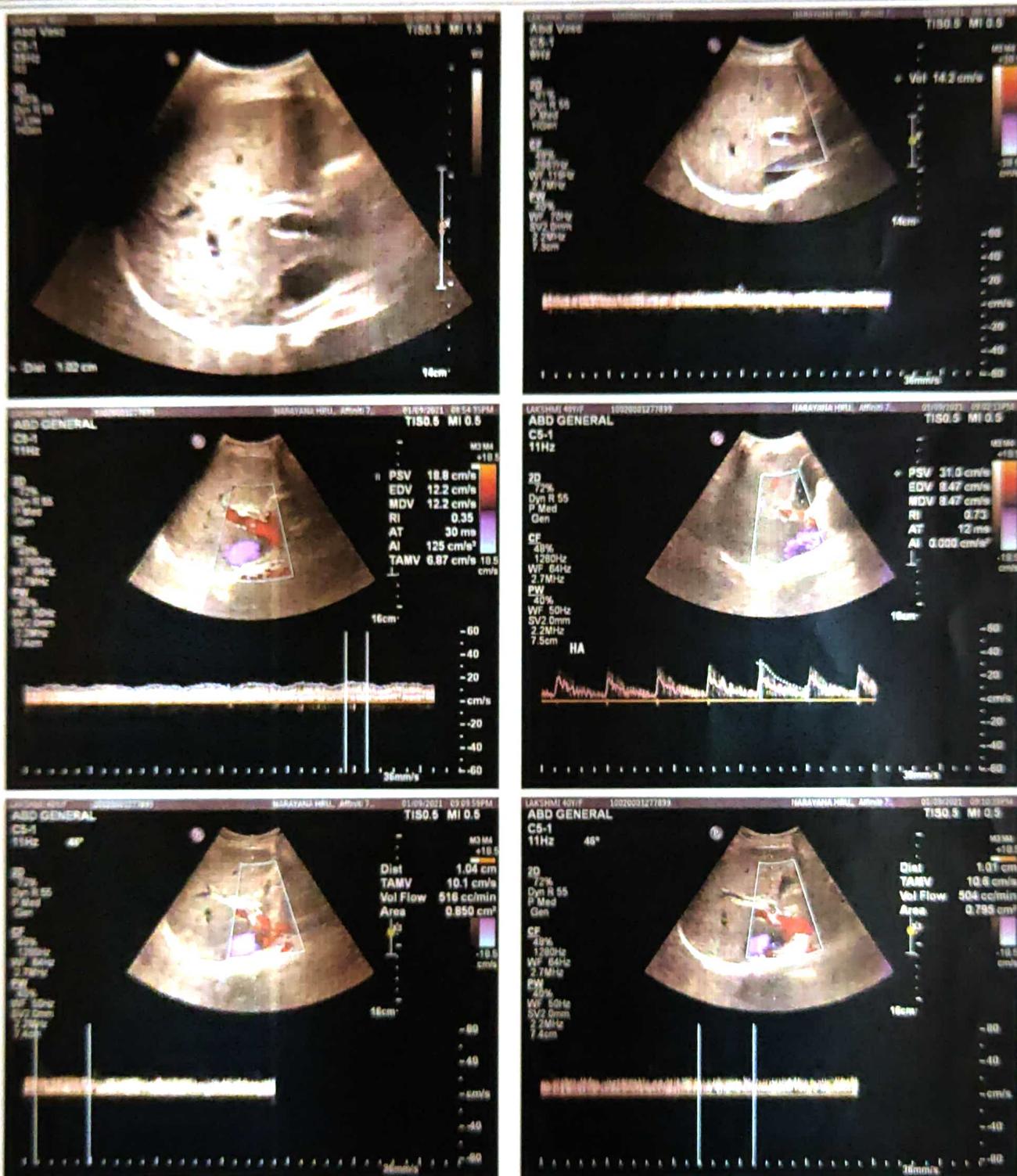
*Dr. Nishida  
N.P.*

Dr. Nishida N P  
Resident

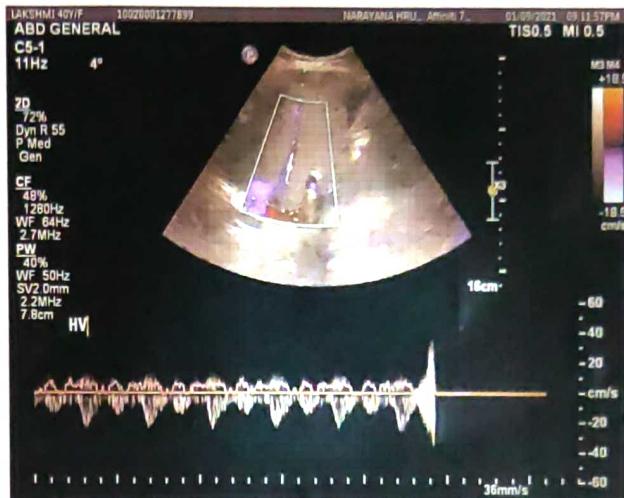
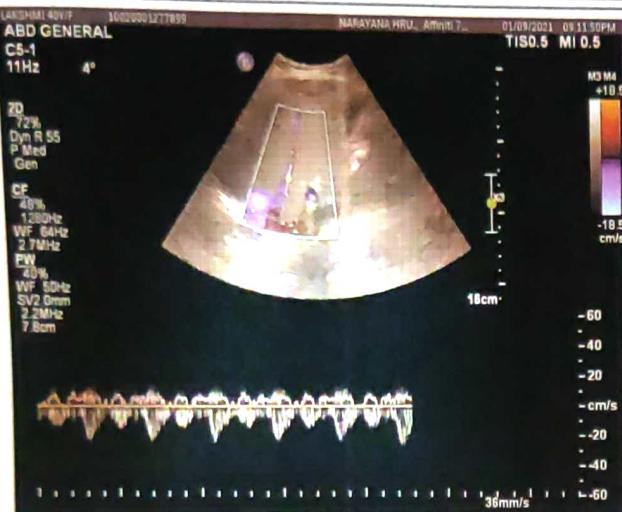
*Typed by G. Banuprakash*



Patient name	Lakshmi 39y/ <small>FM</small>	Age/Sex	
Patient ID	10020001277899	Visit No	4
Referred by	Dr	Visit Date	01/09/2021 08:34:00 PM



Patient name	Lakshmi 39y/f ^^^^	Age/Sex	
Patient ID	10020001277899	Visit No	4
Referred by	Dr.	Visit Date	01/09/2021 08:34:00 PM



<b>Patient Name</b>	C Lakshmi	<b>Requested By</b>	Drs Sanjay Goja/ Manoj Singh/Varun Mahabaleshwar/Raghavendra
<b>MRN</b>	10020001277899	<b>Procedure DateTime</b>	19-09-2021 07:05
<b>Age/Sex</b>	40Y 3M/Female	<b>Hospital</b>	NH-Health City

### CT - ABDOMEN AND PELVIS (PLAIN)

**CLINICAL DETAILS:** Cryptogenic liver disease. Status post liver transplant.

**TECHNIQUE:** Axial sections were obtained from the diaphragm down to the symphysis pubis without contrast. Sagittal and coronal reformats were obtained.

### FINDINGS AND IMPRESSION:

Transplant liver is normal and shows no area of altered attenuation. There is no intra/extra hepatic biliary dilatation.

The pancreas shows a normal size, configuration and tissue density. No significant ductal dilatation / calcification is seen.

The spleen is normal in size and parenchymal attenuation.

Tip of abdominal drain noted in right subhepatic region.

Mild mesenteric haziness.

The gastro-oesophageal junction is normal. No bowel wall thickening/dilatation is seen. The appendix is within normal limits.

The suprarenal glands show normal size and configuration of their limbs.

Both kidneys are normal sized, with homogeneous cortical density. No calculus or hydronephrosis is seen. The urinary bladder shows a smooth contour. No intravesical mass or calculus is seen.

The uterus and ovaries are normal sized.

Mesenteric fat appears normal. No retroperitoneal or mesenteric lymphadenopathy is seen. Trace free fluid in pelvis.

The osseous structures are unremarkable.

Few areas of mosaic attenuation noted in both lungs, likely small airway disease.



**Dr. Karthik.G.A, MDRD**  
Senior Consultant Radiologist  
Lead in body imaging

\* This is a digitally signed valid document. Reported Date/Time: 19-09-2021 11:12

This report has been generated from **NH Teleradiology 24/7**, a service of Narayana Health

End-of-Report

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Appointments

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Emergencies

**97384 97384**

**Mazumdar Shaw Medical Center**

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Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 02.09.2021

**COLOUR DOPPLER EXAMINATION OF TRANSPLANT LIVER (Intra-op)**  
**(Bedside portable scan)**

**FINDINGS & IMPRESSION:**

**Transplant liver** is normal in size and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Flow direction – Hepatopetal
- Caliber - 9.1 mm
- Velocity – 31 cm/s
- Flow volume – 680 cc/min

**Hepatic veins:** MHV and LHV shows triphasic spectral pattern

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible
- Thrombosis is absent.

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 119 cm/s
- RI – 0.58
- SAT – 51 m/s



Dr. Gururaj K  
Resident



Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 03.09.2021(Mor)

**COLOUR DOPPLER EXAMINATION OF LIVER**  
*(Bedside portable scan)*

**FINDINGS & IMPRESSION:**

**Transplant liver** is normal in size and echopattern. No intra or extra hepatic biliary duct dilatation. Loculated organized collection of out surface of liver is noted measuring (volume ~ 10 cc) – *likely hematoma*. Perinephric collection organized collection of maximum thickness 7 mm.

**Portal vein:** -

- Flow direction – Hepatopetal
- Caliber – 8.6 mm
- Velocity – 95 cm/s
- Flow volume – 1180 cc/min

**Hepatic veins:** Confluence MHV and LHV shows triphasic spectral pattern

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

**Hepatic artery:** -

- Flow direction – Hepatopetal
- PSV – 68 cm/s
- RI – 0.72
- SAT – 59 m/s

*There is trace ascites.*

*There is trace pleural effusion.*

**Perinephric organized collection of maximum thickness measuring 7 mm.  
(Right kidney) – Post operative.**

**Suggested follow up.**

  
**Dr. Vikas M**  
 Resident

<b>Patient Name</b>	: Mrs. C Lakshmi	<b>MRN</b>	: 10020001277899
<b>Age</b>	: 40 Years	<b>Sex</b>	: Female
<b>Referring Doctor</b>	: Dr. Sanjay Goja	<b>Date</b>	: 03.09.2021(Eve)

### COLOUR DOPPLER EXAMINATION OF LIVER

(Bedside portable scan)

#### FINDINGS & IMPRESSION:

**Transplant liver** is normal in size and echopattern. No intra or extra hepatic biliary duct dilatation. Loculated organized collection of out surface of liver is noted measuring (volume ~ 10 cc) – *likely hematoma*. Perinephric collection organized collection of maximum thickness 7 mm.

#### **Portal vein:** -

- Flow direction – Hepatopetal
- Caliber - 8.4 mm
- Velocity – 85 cm/s
- Flow volume – 1200 cc/min

#### **Hepatic veins:** - shows triphasic spectral pattern

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

#### **Hepatic artery:** -

- Flow direction – Hepatopetal
- PSV – 40 cm/s
- RI – 0.56
- SAT – 66 m/s

**There is trace ascites.**

**There is trace pleural effusion.**

**Perinephric organized collection of maximum thickness measuring 7 mm.** No significant changes since prior study.  
**(Right kidney) – Post operative.**

**Suggested follow up.**

  
**Dr. Vikas M**  
 Resident


Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 06.09.2021 (Mor)

**COLOUR DOPPLER EXAMINATION OF TRANSPLANT LIVER**  
*(Bedside portable scan)*

**FINDINGS & IMPRESSION:**

**Transplant liver** measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Diameter- 9 mm
- Flow direction – Hepatopetal
- Velocity – 94 cm/sec
- Flow volume – 1400 cc/min

**Hepatic veins:- shows triphasic spectral pattern.**

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 0.41 cm/s
- RI – 0.67
- SAT – 51 m/s

***There is trace collection.***

***There is trace ascites.***

***There is bilateral mild pleural effusion (Right > Left) (volume ~ 50 cc).***

  
**Dr. Sachin Nath**  
 Resident

<b>Patient Name</b>	: Mrs. C Lakshmi	<b>MRN</b>	: 10020001277899
<b>Age</b>	: 40 Years	<b>Sex</b>	: Female
<b>Referring Doctor</b>	: Dr. Sanjay Goja	<b>Date</b>	: 06.09.2021 (Eve)

**COLOUR DOPPLER EXAMINATION OF TRANSPLANT LIVER**  
**(Bedside portable scan)**

**FINDINGS & IMPRESSION:**

**Transplant liver** measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Diameter- 9 mm
- Flow direction – Hepatopetal
- Velocity – 87 cm/s
- Flow volume – 1300 cc/min

**Hepatic veins:** - MHV and LHV shows triphasic spectral pattern.

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 0.52 cm/s
- RI – 0.64
- SAT – 46 m/s

*There is trace ascites.*

*There is bilateral mild pleural effusion (Right > Left).*

Dr. Sachin Nath  
Resident



Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 07.09.2021 (Mor)

**COLOUR DOPPLER EXAMINATION OF TRANSPLANT LIVER**  
**(Bedside portable scan)**

**FINDINGS & IMPRESSION:**

Transplant liver measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Flow direction – Hepatopetal
- Velocity – 87.4 cm/sec
- Flow volume – 1100 cc/min

**Hepatic veins:** MHV and LHV shows triphasic spectral pattern.

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 43 cm/s
- RI – 0.65
- SAT – 66 m/s

***There is trace ascites.***

***There is bilateral mild pleural effusion (Right > Left).***

Dr. Sachin Nath  
Resident



Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 07.09.2021 (Eve)

**COLOUR DOPPLER EXAMINATION OF TRANSPLANT LIVER**  
**(Bedside portable scan)**

**FINDINGS & IMPRESSION:**

**Transplant liver** measures 9.5 cm and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Flow direction – Hepatopetal
- Velocity – 102 cm/s
- Flow volume – 1322 cc/min

**Hepatic veins:** MHV and LHV shows triphasic spectral pattern.

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 39 cm/s
- RI – 0.60
- SAT – 51 m/s

***There is trace ascites.***

***There is bilateral mild pleural effusion.***

Dr. Sachin Nath  
Resident



Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 08.09.2021 (Mor)

**COLOUR DOPPLER EXAMINATION OF TRANSPLANT LIVER**  
*(Bedside portable scan)*

**FINDINGS & IMPRESSION:**

Transplant liver is normal in size and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Flow direction – Hepatopetal
- Velocity – 83.7 cm/sec
- Flow volume – 1337 cc/min

**Hepatic veins: MHV and LHV shows triphasic spectral pattern**

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible
- Thrombosis is absent.

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 39 cm/s
- RI – 0.64
- SAT – 51 m/s

***There is minimal ascites.***

***There is bilateral mild pleural effusion.***

  
**Dr. Sachin Nath**  
 Resident


Patient Name : Mrs. C Lakshmi	MRN : 10020001277899
Age : 40 Years	Sex : Female
Referring Doctor : Dr. Sanjay Goja	Date : 12.09.2021

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**COLOUR DOPPLER EXAMINATION OF TRANSPLANT LIVER (Intra-op)**  
**(Bedside portable scan)**

**FINDINGS & IMPRESSION:**

**Transplant liver** is normal in size and normal echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

**Portal vein: -**

- Flow direction – Hepatopetal
- Velocity – 50 cm/s
- Flow volume – 1626 cc/min

**Hepatic veins:** MHV and LHV shows triphasic spectral pattern

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible
- Thrombosis is absent.

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 42 cm/s
- RI – 0.57
- SAT – 59 m/s

*There is bilateral trace pleural effusion.*



Dr. Gururaj K  
Resident



Patient Name	: Mrs. C Lakshmi	MRN	: 10020001277899
Age	: 40 Years	Sex	: Female
Referring Doctor	: Dr. Sanjay Goja	Date	: 16.09.2021(Eve)

**COLOUR DOPPLER EXAMINATION OF LIVER**  
*(Bedside portable scan)*

**FINDINGS & IMPRESSION:**

**Transplant liver** is normal in size and echopattern. No intra or extra hepatic biliary duct dilatation.  
No focal lesions.

**Portal vein: -**

- Flow direction – Hepatopetal
- Velocity – 57 cm/s
- Flow volume – 1222 cc/min

**Hepatic veins: -** shows triphasic spectral pattern

- Caliber – normal in size
- Drainage into IVC
- IVC –Collapsible

**Hepatic artery: -**

- Flow direction – Hepatopetal
- PSV – 31 cm/s
- RI – 0.58
- SAT – 59 m/s

***There is trace ascites.***

***There is trace pleural effusion.***



Dr. Vikas M  
Resident



**ADULT TRANS-THORACIC ECHO REPORT**

PATIENT NAME : Mrs C Lakshmi  
GENDER/AGE : Female, 40 Years  
LOCATION : 7TH FLOOR WARD.

PATIENT MRN : 10020001277899  
PROCEDURE DATE : 03/09/2021 09:54 AM  
REQUESTED BY : Drs Sanjay Goja/ Manoj Singh/Varun Mahabaleshwar/Raghavendra



**INDICATIONS** : FOLLOW UP STUDY  
**CLINICAL DIAGNOSIS** : S/P LIVER TRANSPLANT.  
**PREVIOUS ECHO REPORT** : LVEF - 55%, NORMAL PA PRESSURE, NORMAL RV FUNCTION.  
**VITAL PARAMETERS** : HR (BPM) :79, SR, BP (MMHG) : 140/90  
WINDOW : SUBOPTIMAL  
**IMPRESSION**

- NORMAL CHAMBER DIMENSIONS
- NO RWMA
- MILD CONCENTRIC LVH
- MR - MILD
- TR - MILD
- NORMAL PA PRESSURE
- NORMAL RV FUNCTION
- BORDERLINE LV FUNCTION
- LVEF - 55%
- BILATERAL PLEURAL EFFUSION

  
**FINDINGS**  
**CHAMBERS**  
**LEFT ATRIUM** : NORMAL SIZED  
AP DIAMETER(MM): 32  
**RIGHT ATRIUM** : NORMAL SIZED  
MINOR AXIS A4CV(MM) : 35  
**LEFT VENTRICLE** : NORMAL SIZED, MILD CONCENTRIC LVH, NORMAL LV FILLING PRESSURE,  
BORDERLINE LV FUNCTION.  
LVIDD(MM) : 38 IVSD(MM) : 13 EDV(ML) : 62  
LVIDS(MM) : 25 LVPWD(MM) : 12 ESV(ML) : 22  
E/A RATIO : 1.1 E/E'(AVERAGE) : 10 LVEF(%) : 55  
**RIGHT VENTRICLE** : NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION  
MINOR AXIS A4CV(MM): 24, TAPSE(MM): 19  
**LVOT/RVOT** : NORMAL  
**RWMA** : NO RWMA.  
  
**VALVES**  
**MITRAL** : AML ELONGATED WITH NORMAL LEAFLET MOBILITY, MR - MILD.  
**AORTIC** : NORMAL, PG - 4 MMHG.  
**TRICUSPID** : NORMAL, TR - MILD, TR PV - 2.5 M/S.  
**PULMONARY** : NORMAL, PG - 5 MMHG.

Page 1 of 2



NH Helpline  
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MRS C LAKSHMI (10020001277899)

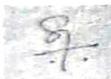
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**SEPTAE**

IAS : INTACT  
IVS : INTACT

**ARTERIES AND VEINS**

AORTA : NORMAL, LEFT AORTIC ARCH. AORTIC ANNULUS - 14 MM, ASCENDING AORTA - 28 MM.  
PA : NORMAL SIZED, PAT - 113 MS, PASP - 26 MMHG, NORMAL PA PRESSURE.  
IVC : IVC - 13 MM, NORMAL SIZED AND COLLAPSIBILITY > 50%. RAP - 3 MMHG, NORMAL.  
SVC & CS : NORMAL  
PULMONARY VEINS : NORMAL  
PERICARDIUM : NORMAL PERICARDIAL THICKNESS. NO EFFUSION  
INTRACARDIAC MASS : NO TUMOUR, THROMBUS OR VEGETATION SEEN  
OTHERS : 13 MM RIGHT PLEURAL EFFUSION, 8 MM LEFT PLEURAL EFFUSION.

  
DR.SATISH C GOVIND  
SENIOR CONSULTANT  
KMC - 26016

  
GAYATHRI S  
CARDIAC SONOGRAPHER

03/09/2021 09:54 AM

PREPARED BY	: TEJASWI K(329791)	PREPARED ON	: 03/09/2021 10:03 AM
GENERATED BY	: TEJASWI K(329791)	GENERATED ON	: 03/09/2021 10:03 AM