



URMILA HEART & MULTI SPECIALITY HOSPITAL

PATHOLOGY REPORT

Address

Naya Tola, Opp. Polytechnic
Muzaffarpur
Ph.: 0621-2222211
0621-2268042
Mob.: 9661179794
9471013402

Name:- Mrs. Soni Kumari	Age :31Y/F	Date :-15/11/2024
Ref. By :- Dr. Bank Of Baroda	(E.C.No119107)	Serial Number :- 0151

TEST	CBC (Complete Blood Count)		Reference Values
	RESULT	UNIT	
Hb (Haemoglobin)	12.6	gm/dl	12 - 17
Total Leukocyte Count	6,700	/Cumm.	4000 - 11000
RBC Count	4.23	Million/Cumm.	3.8 - 5.8
PCV / Haematocrit	38.7	%	30 - 50
Platelet Count	1.22	Lakhs/c.mm	1.5 - 4.5
MCV	91.5	fl	80 - 100
MCH	28.6	pg	26 - 34
MCHC	31.3	gm/dl	31.5 - 35
Differential Leukocyte Count			
Neutrophil	66	%	40 - 70
Lymphocyte	26	%	20 - 40
Monocyte	02	%	02 - 10
Eosinophi	06	%	01 - 06
Basophil	00	%	< 1 - 2 %
ESR	18	mm/1 st hr.	00 - 20

end of report


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KFT (KIDNEY Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>		<u>Reference Values</u>
S. Urea	23.0	mg/dl		13 - 45
S. Creatinine	0.78	mg/dl	Male 0.7 - 1.4 Female 0.6 - 1.2	
S. BUN	10.74	mg/dl		6.0 - 21
S. Sodium (Na')	142.6	mmol/ltr		135 - 150
S. Potassium(K')	4.08	mmol/ltr		3.5 - 5.5
S. Chloride(Cl')	103.4	mmol/ltr		94 - 110
S. Calcium	9.14	mg/dl		8.7 - 11.0
S. Uric Acid	5.20	mg/dl	Male	3.5 - 7.2

BLOOD GROUPING

Grouping (ABO)	:	"B" Group
Rh Typing	:	Positive.

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Date :-15/11/2024

Ref. By :- Dr. Bank Of Baroda

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LFT (Liver Function Test) – serum

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>Reference Values</u>		
S. Total Bilirubin	0.98	mg/dl	Adults: 0.1	-	1.2
			Infants: 1.2	-	12
S. SGPT (ALT)	35.0	U/L	05	-	40
S. SGOT (AST)	38.0	U/L	05	-	40
S. Alkaline Phosphatase	97.2	U/L	Adult -- 25	-	140
			Children (1 – 12 yrs.) -- 104	-	390
S. Total Protein	7.32	g/dl	6.0	-	8.3
S. Albumin	4.18	g/dl	3.2	-	5.0
S. Globulin	3.14	g/dl	2.8	-	4.5
S. A/G Ratio	1.33				

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Lipid Profile - serum

TEST	RESULT	UNIT	Reference Values	
			Min	Max
S. Cholesterol	198.0	mg/dl	130	200
S. Triglycerides	185.0	mg/dl	Fasting: 25	160
S. VLDL-Cholesterol	37.0	mg/dl	10	40
S. HDL-Cholesterol	48.0	mg/dl	Male: 30 Female: 35	65 80
S. LDL-Cholesterol	113.0	mg/dl	60	150
Ratio of Cholesterol/HDL	4.12		Low Risk: <3.0 Average Risk: 03 High Risk: >5.0	5.0
LDL/HDL Ratio	2.35		1.5	3.5

BIOCHEMISTRY

TEST	RESULT	UNIT	Reference Values	
			Min	Max
P. Glucose Fasting	89.0	mg/dl	70	110
P. Glucose-Post Prandial (after 1.30hrs meal)	110.0	mg/dl	80	160

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GLYCOSYLATED HEMOGLOBIN

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>
HbA1c	3.89	%

Mean Blood Glucose level (MBG) – 91.02 mg/dl

Normal Reference Values

Normal	:	< 8.0 %
Good Control	:	8.0 - 9.0 %
Fair Control	:	9.0 - 10.0 %
Poor Control	:	> 10.0 %

Summary :- Glycosylated hemoglobin (GHb) reflects the average blood glucose concentration over the preceding several weeks & a sudden fall from high to low glucose concentration will not produce a correspondingly rapid fall in glycosylated hemoglobin. Thus GHb reflects the metabolic control of glucose level over a period of time, unaffected by diet, insulin, other drugs or exercise on the day of testing. GHb is now widely recognized as an important test for the diagnosis of diabetes mellitus and is a good indicator of the efficacy of therapy.

end of report

J.S.
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TEST NAME	METHOD	VALUE	UNITS	NORMAL RANGE
TOTAL TRIIODOTHYRONINE (T3)	C.L.I.A	116.0	ng/dL	(60 - 200)
TOTAL THYROXINE (T4)	C.L.I.A	5.46	µg/dL	(4.5 - 12.0)
THYROID STIMULATING HORMONE (TSH)	C.L.I.A	2.19	µIU/mL	(0.3 - 5.5)

Technology :

T3 - Competitive Chemi Luminescent Immuno Assay

T4 - Competitive Chemi Luminescent Immuno Assay

TSH - Ultra Sensitive Sandwish Competitive Chemi Luminescent Immuno Assay

REMARK :

THYROID HORMONES -Serum TSH is primarily responsible for the synthesis and release of Thyroid hormones is an early and sensitive indicator of decrease in thyroid reserve is the diagnostic of primary hypothyroidism. The expected increase in TSH demonstrate the classical feedback mechanism between pituitary and thyroid gland. Additionally TSH measurement is equally important in differentiating secondary and tertiary(hypothalamic) hypothyroidism. The increase in total T4 and T3 is associated with pregnancy, oral contraceptive and estrogen therapy results into masking of abnormal thyroid function only because of alteration of TBG concentration, which can be monitored by calculating Free Thyroxine Index(FTI) or Thyroid Hormone Binding Ratio(THBR).a
end of report

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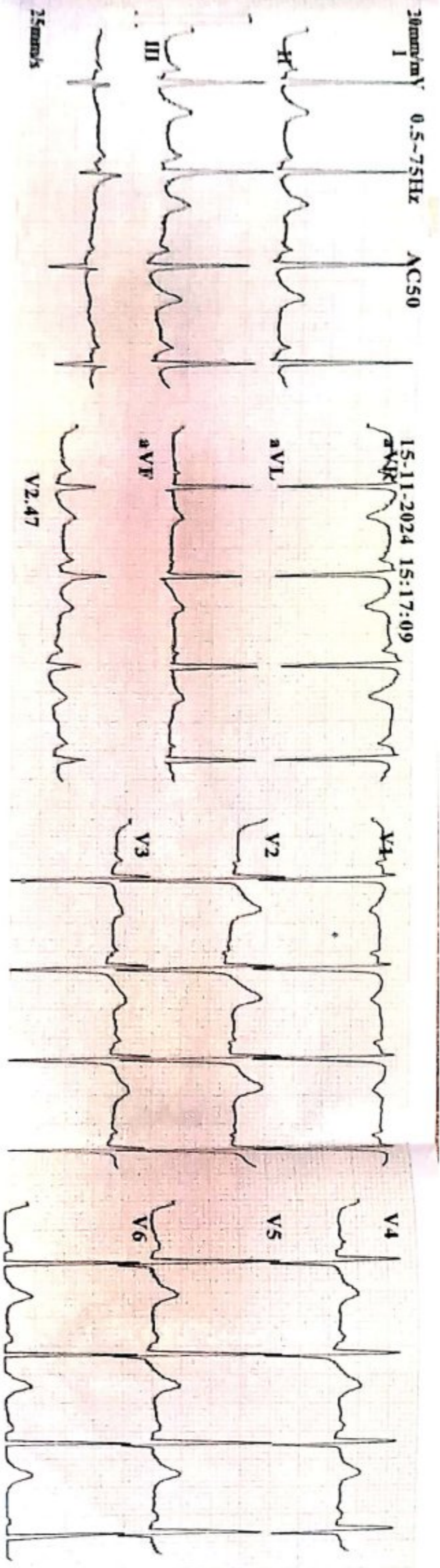
Urine Routine And Microscopy

<u>TEST</u>	<u>RESULTS</u>
Physical Examination	
Volume	20 ml
Colour	Straw
Specific Gravity	1.010
Appearance	Clear
pH	6.0
(Acidic)	
Chemical Examination	
Protein	Nil
Sugar	Nil
Bile Salts	N/D
Bile Pigments	N/D
Microscopic Examination	
Pus Cells	1-2 /hpf
Red Blood Cells	Nil /hpf
Epithelial Cells	Present (+)
Crystal/Cast	Nil
Other	Nil

end of report

Signature





ID : 241115-1518
 Name :
 Age : 32 yr
 Sex : Female
 BP :
 Height : cm
 Weight : kg
 HR : 94 bpm
 P Dur : 85 ms
 PR Int : 111 ms
 QRS Dur : 92 ms
 QT/QTc Int : 332/416 ms
 P/QRS/T axis : 59/26/39 °
 RV5/SV1 amp : 1.080/1.067 mV
 RV6/SV2 amp : 2.147 mV
 RV6/SV2 amp : 1.148/0.947 mV

Minnesota Code:
 6-5-0
 9-4-2(V4)

Soni-Kumar

Diagnosis Information:
 800: Sinus Rhythm
 401: Short PR Interval

Report Confirmed by:

R



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NAME :- Soni Kumari,
REFD.BY:- Dr./Self.

DATE :- 15/11/2024
SEX:- F

Thanks for the kind referral.
USG of Whole Abdomen

- Liver:** -Liver is enlarged in shape, size [154.0 mm] with shows fatty infiltration.
Movements of both domes of diaphragm appears normal
- GB:-** Normal distention. Walls are not thickened (2.0 mm) . No evidence of calculus,sludge,or mass lesion seen.
- C.B.D:-** C.B.D. is normal in calibre.
- Pancreas:-** Pancreas normal in size shape and echotexture.
- Spleen:-** Normal in shape, size & contour . (bipolar length is 104.5 mm).
- Kidneys:-** Rt. kidney (92.0 x 27.0 mm) Lt. kidney (97.4 x 53.8 mm)
Both kidneys are normal in shape, size, contour, cortical echo texture, and sinus echoes. No evidence of calculus, calcification,hydronephrotic changes or mass lesion seen.
- Urinary bladder:-** Urinary bladder is smoothly outlined. There is no calculus within.
- Uterus:-** Uterus measures 84.5 x 38.2 x 35.0 mm. A/V in position .
Uterus is normal in size and normal echotexture.
- Adnexa:-** Both ovary are normal in shape and size, no mass or cyst seen .
- P.O.D.:-** No collection seen.
- Free fluid :-** No free fluid is noted in the peritoneal cavity.
- Other :-** A herniated bowel loops seen in umbilicus region.

Impression :- 1. Hepatomegaly with fatty liver.
2. A herniated bowel loops seen in umbilicus region.

S/O Umbilical hernia.


Sonologist.







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ECHOCARDIOGRAPHY REPORT

Name : Mrs. Soni Kumari
Date : 15/11/2024
IPID No. :
Ref. By : Self

Age/Sex : 32/F
ECHO No. :
UHID No. :
Done By : Dr. Anil Kr. Singh

MITRAL VALVE

Morphology AML-Normal/Thickening/Calcification/Flutter/Vegetation/Prolapse/SAM/Doming
PML-Normal/Thickening/Calcification/Prolapse/Paradoxical motion/Fixed. Score: _____
Subvalvular deformity Present/Absent. A>E
Doppler Normal/Abnormal E>A RRInterval _____ msec
Mitral Stenosis Present/Absent MVAcm2
EDG _____ mmHg Absent/Trivial/Mild/Moderate/Severe.
Mitral Regurgitation

TRICUSPID VALVE

Morphology Normal/Atresia/Thickening/Calcification/Prolapse/Vegetation/Doming.
Doppler Normal/Abnormal RR interval _____ msec.
Tricuspid stenosis Present/Absent
EDG _____ mmHg MDG _____ mmHg
Tricuspid regurgitation: Absent/Trivial/Mild/Moderate/Severe Fragmented signals
Velocity _____ msec. Pred. RVSP=RAP+ mmHg

PULMONARY VALVE

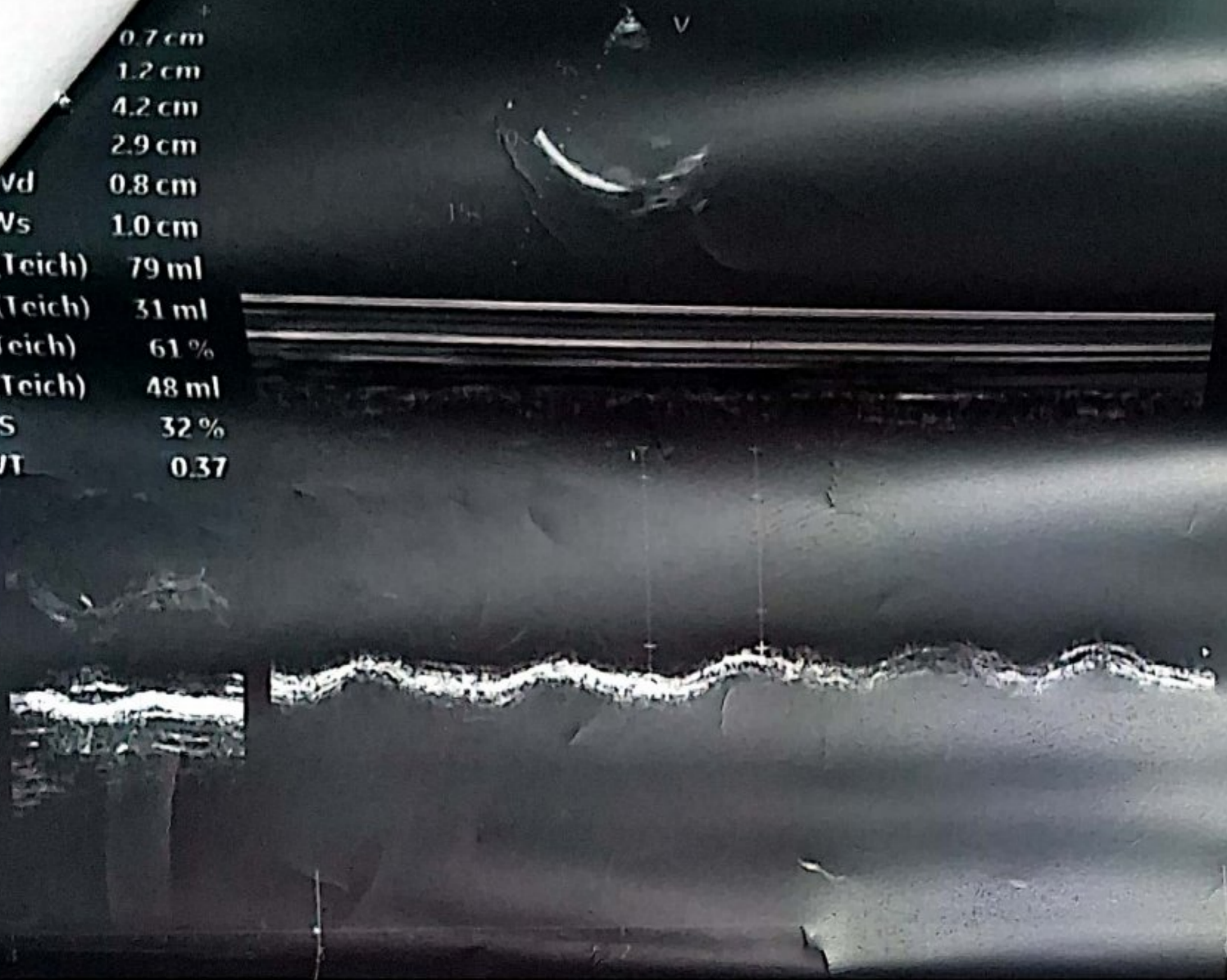
Morphology Normal/Atresia/Thickening/Doming/Vegetation.
Doppler Normal/Abnormal. Level
Pulmonary stenosis Present/Absent Pulmonary annulus _____ mm
Pulmonary regurgitation Present/Absent
Early diastolic gradient _____ mmHg. End diastolic gradient _____ mmHg

AORTIC VALVE

Morphology Normal/Thickening/Calcification/Restricted opening/Flutter/Vegetation
No. of cusps 1/2/3/4
Doppler Normal/Abnormal Present/Absent Level
Aortic Stenosis PSG mmHg Aortic annulus _____ mm
Aortic regurgitation Absent/Trivial/Mild/Moderate/Severe.



0.7 cm
1.2 cm
4.2 cm
2.9 cm
Vd 0.8 cm
PWs 1.0 cm
EDV(Teich) 79 ml
ESV(Teich) 31 ml
EF(Teich) 61 %
SV(Teich) 48 ml
%FS 32 %
RWT 0.37



GE
Sona Kimani
15/11/2024

Ao Diam 2.2 cm
LA Diam 3.1 cm
LA/Ao 1.43



Measurements

Aorta 2.2
LV es 2.9
IVS ed 0.7
RVed
LVVd (ml)
LVEF 60%

Normal Values

(2.0 - 3.7cm)
(2.2 - 4.0cm)
(0.6 - 1.1cm)
(0.7 - 2.6cm)
(54%-76%)

CHAMBERS:

LV

Regional wall motion abnormality

LA

RA

RV

PERICARDIUM

COMMENTS & SUMMARY

All chambers are Normal in size
gd I LV Diastolic Dysfunction
Normal LV Systolic Function
No RWMA/LVEF=60%
No MR /AR / PR /TR
Normal Pericardium

Measurements

LAes 3.1
LV ed 4.2
PW (LV) 1.0
RV Anterior wall
LVVs (ml)
IVS motion

Normal values

(1.9 - 4.0cm)
(3.7 - 5.6cm)
(0.6 - 1.1cm)
(upto 5 mm)

Normal/Flat/Paradoxical

Normal/Enlarged/Clear/Thrombus/Hypertrophy
Contraction Normal/Reduced

Absent/Present

Normal/Enlarged/Clear/Thrombus

Normal/Enlarged/Clear/Thrombus

Normal/Enlarged/Clear/Thrombus

Normal/Thickening/Calcification/Effusion

Dr. Anil Kr. Singh
Cardiologist