



Bharti Hospital

An ISO 9001 : 2008 (QMS) Certified Hospital

Date :

REG...NO : 2022-902502

NAME : MR. ATUL KUMAR SINGH

REF...BY: B O B

DATE : 25/09/2022

AGE /SEX: 32 Y/M

2D REAL TIME GENERAL SONOLOGICAL STUDY OF WHOLE ABDOMEN

LIVER: Is normal in size & parenchymal echotexture. Margins are regular. Intra hepatic bile ducts (IHD) are not dilated. No focal mass seen. Portal Vein & C.B.D. is normal in caliber.

GALL BLADDER: No calculi/mass lesion is seen in its lumen. No pericholecystic collection is seen.

SPLEEN: is normal in size and shape. Echotexture appears normal.

PANCREAS: Shows normal size and echotexture. No focal mass / peripancreatic collection is seen.

RIGHT KIDNEY: is not seen.

LEFT KIDNEY: Shows enlarged in size, shape and contour. Cortical echotexture is normal. CMD is maintained. No hydronephrosis,

No free fluid/ retroperitoneal adenopathy is seen.

U.BLADDER: is normal in distension and in wall thickness. Lumen is clear. No calculus or mass lesion is seen.

PROSTATE: is normal in size, shape and echotexture. *Lt Iliac Fossa.*

NOTE- Excessive Gas is Present in Abdomen.

IMPRESSION: Single descended Lt. Kidney.

ADVICE: Clinical Correlation.

SONOLOGIST

Best efforts were made during investigation, however in case of any Confusion/ Confirmation review can be done, free of cost. Not valid for medico-legal purpose.

Facilities

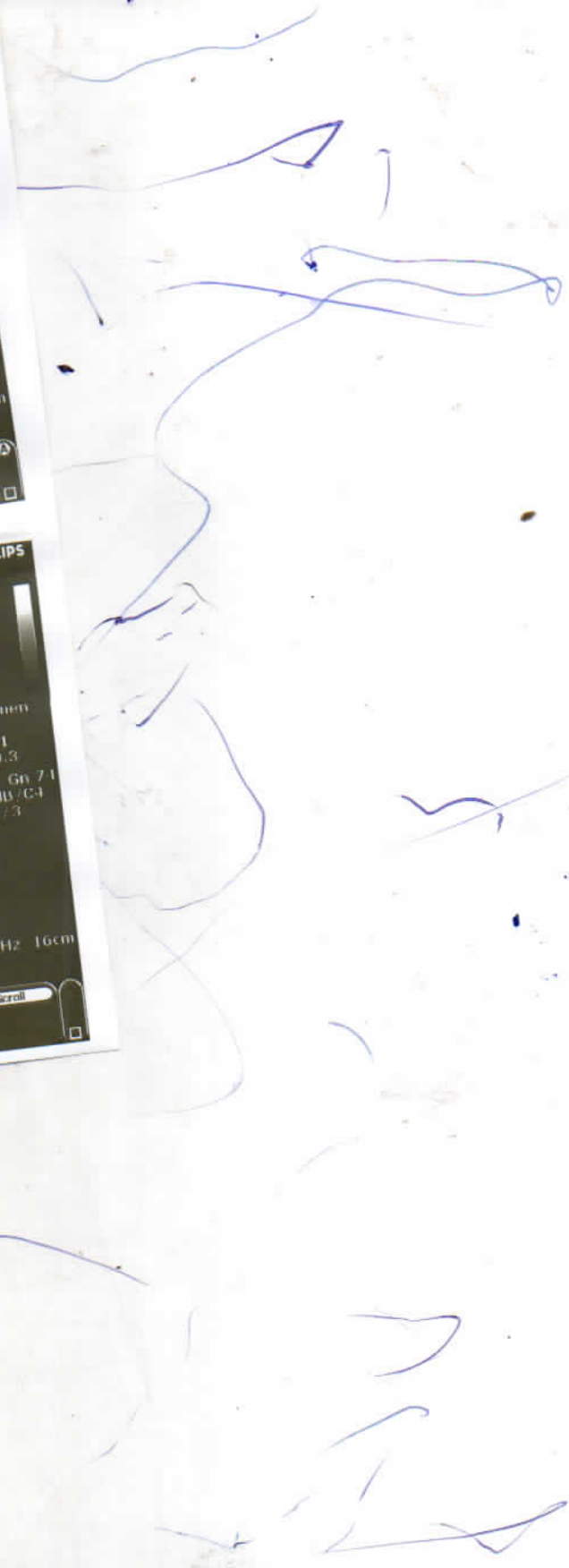
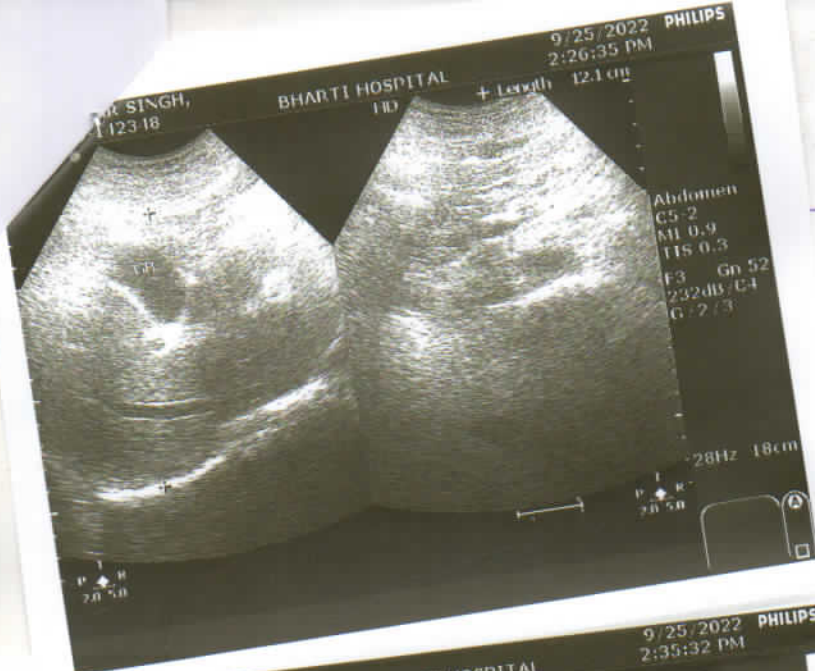
ICU, Facility for Medical & Cardiac Emergency, ECG, Nebulizer, Centralized Oxygen, Monitor BIPAP, Defibrillator, Echo Cardiography, TMT, X-ray, PFT, Computerised Pathology

यहाँ भ्रूण-लिंग परीक्षण नहीं किया जाता है। यह एक दृष्टनीय अपराध है।

This Report is only A Professional Opinion & Should Be Clinically Co-related

NOT VALID FOR MEDICO-LEGAL PURPOSE

सभी प्रकार के हैल्थ चेकअप पैकेज उपलब्ध





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AGE: 32 Y/M

ECHOCARDIOGRAPHY REPORT

Measurements

Aortic root diameter:	26 mm	(20-37mm)
Aortic valve diameter:	13 mm	(15-26mm)
LV dimension:		(19-40mm)
LVD(systolic):	24 mm	(22-40mm)
LVD(diastolic):	39 mm	(37-56mm)
RVD(diastolic):	13 mm	(7-23mm)
IVST	ES:13.6	ED: 8.5 (6-12mm)
LVPWT	ES:14.0	ED: 9.7 (5-10mm)
LA(diastolic):	20.8mm	(19-40mm)

INDICES OF LV FUNCTION:

EPSS		(< 9mm)
Fractional shortening	30%	(24-42%)
Ejection fraction	60%	(50-70%)

IMAGING:

M mode examination revealed normal movements of both mitral leaflets during diastole(DE-18mm,EF-130mm/sec). No mitral valve prolapse is seen.

Aortic cusps are not thickened and closure line is central, tricuspid and pulmonary valves are normal. Aortic root is normal in size.

Dimension of left atrium and left ventricle are normal.

2D imaging in PLAX, SAX and apical view revealed a normal size left ventricle.

No regional wall motion abnormality present.

Global LVEF is 60%.

Mitral valve opening is normal. No mitral valve prolapse is seen.

Aortic valve has three cusps and its opening is not restricted.

Tricuspid valve leaflets move normally. Pulmonary valve is normal.

Interatrial and interventricular septa are intact.

No intra cardiac mass or thrombus is seen. No pericardial effusion is seen.

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DOPPLER :

MV	0.94/0.54m/sec.	MR : nil
AV	0.69 m/sec.	AR : nil
TV	0.51 m/sec.	TR : nil
PV	0.62 m/sec.	PR : nil

COLOUR FLOW

Normal flow signals are seen across all cardiac valves.
No flow signals are seen across IAS and IVS.

FINAL DIAGNOSIS :

Normal cardiac chamber dimension
No regional wall motion abnormality is present.
Systolic left ventricle function is normal with EF 60%.
Diastolic left ventricle function is normal.
Colour flow through all the valves is normal with no structural abnormality.
No intracardiac thrombus or mass is seen.
No pericardial effusion is present.

DR. BHARTI GUPTA (M.D)

All congenital heart defect can not be detected by transthoracic echocardiography.
In case of disparity test should be repeated at higher cardiac centre. Not valid for medico-legal purpose.

Facilities

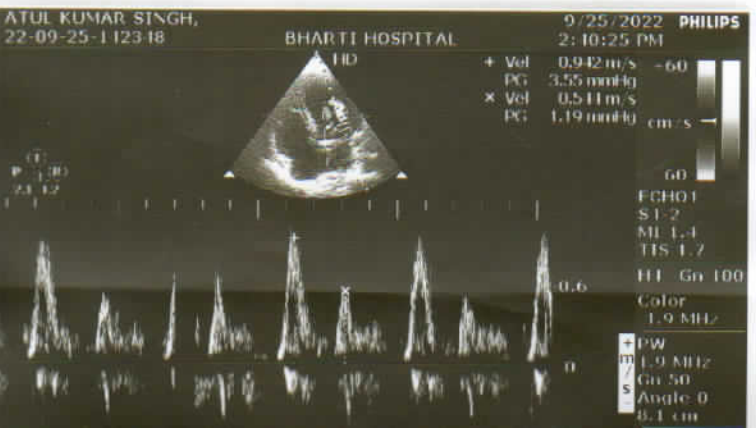
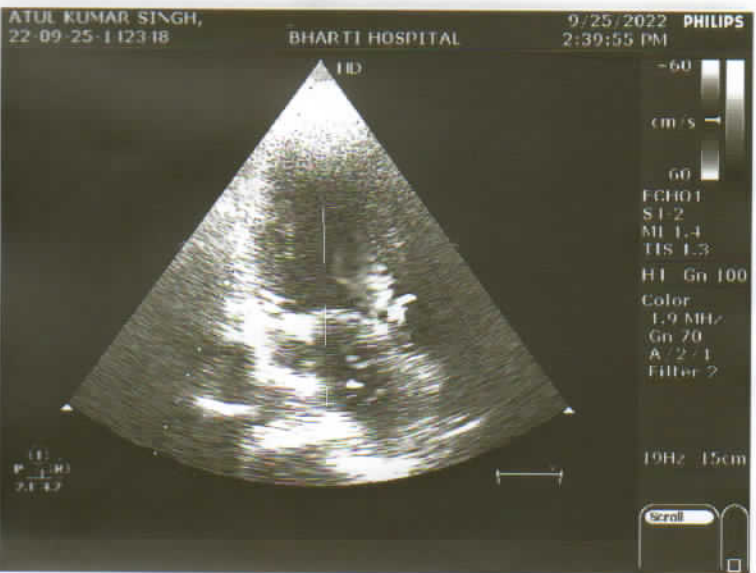
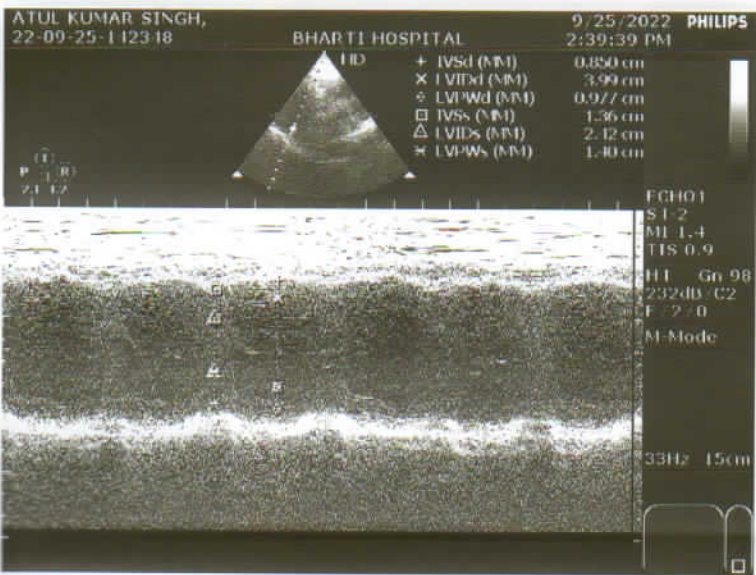
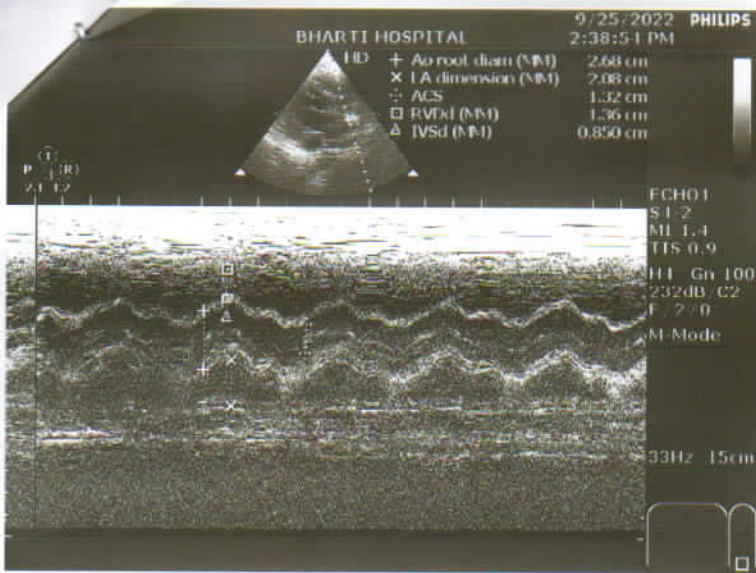
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S.V. SCIENTIFIC PATHOLOGY MEDEXIQ

DR. SHIKHA VYAS
D.C.P. (PATH.)
R.NO. 52957/ 17.08.2006



A ISO 9001: 2015 Certified Lab
Bal. 2590

SONKH ROAD, KRISHNA NAGAR, MATHURA

Date	22/09/2022	Srl No.	107	Sex	M
Name	MR. ATUL KUMAR SINGH	Age	32 Yrs.	OUT SIDE SAMPLE	
Ref. By	C/O BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
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HAEMATOLOGY - TEST REPORT

C . B . C

HAEMOGLOBIN (HB)	13.6	gm/dl	13.5 - 18.0
TOTAL LEUCOCYTIC COUNT (TLC)	6,800	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHIL	64	%	40 - 80
LYMPHOCYTE	28	%	20 - 40
EOSINOPHIL	05	%	1 - 6
MONOCYTE	03	%	2 - 10
BASOPHIL	00	%	1 - 2
R B C	4.33	millions/cmm	4.5 - 5.5
P.C.V / HAEMATOCRIT	41.5	%	40.0 - 50.0
M C V	95.8	fl.	82.0 - 101.0
M C H	31.4	picogram	27.0 - 32.0
M C H C	32.8	gm/dl	31.5 - 34.5
PLATELET COUNT	174	x10 ³ /μL	150 - 450
MEAN PLATELET VOLUME	10.2	fl	7.5 - 11.5
RDW-CV	16.9	%	11.5 - 14.5
ERYTHROCYTE SED.RATE(WGN) Automated Mini ESR	21	mm/1st hr.	0.00 - 15.0

BIOCHEMISTRY - TEST REPORT

BLOOD SUGAR RANDOM	136.8	mg/dl	80 - 160
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L.F.T / LIVER FUNCTION TEST

TOTAL BILIRUBIN	0.54	mg/dl	0.20 - 1.00
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Reference range

Contd...2



All Tests have Technical Limitations. Collaborative clinicopathological interpretation is mandatory. In Case of disparity Test may be repeated immediately. Test marked with an (*) are not accredited by NABL.

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Opp. Vipin Nursing Home, Shankar Vihar, Krishna Nagar, Mathura- 281004

Mob. 08954464646, 7055111414 | Email : svspathology@gmail.com

Website : www.svscientificpathology.com

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Reference range according to Thomas
Total bilirubin : up to 1.1 mg/dl

Reference range according to Sherlock and Meites
Adults and children : up to 1.0 mg/dl

New born	
Age of new born	Premature
24 hours	1.0 - 6.0 mg/dl
48 hours	6.0 - 8.0 mg/dl
3 - 5 days	10.0 - 15.0 mg/dl
Age of new born	Full term
24 hours	2.0 - 6.0 mg/dl
48 hours	6.0 - 7.0 mg/dl
3-5 days	4.0 - 12.0 mg/dl

CONJUGATED (D. Bilirubin)	0.32	mg/dl	0.1 - 0.4
UNCONJUGATED (I.D. Bilirubin)	0.22	mg/dl	0.2 - 0.7
TOTAL PROTEINS	7.10	gm/dl	6.0 - 8.2
ALBUMIN	4.35	gm/dl	3.5 - 5.2
GLOBULIN	2.75	gm/dl	2.3 - 3.5
A/G RATIO	1.582	gm/dl	0.8 - 2.0
S.G.O.T (AST)	28.9	U/L	0.0 - 35.0
S G.P.T (ALT)	18.7	U/L	0.0 - 45.0
ALKALINE PHOSPHATASE OPTIMIZED	122.4	U/L	0 - 0

Expected Values :

Aged 1 Day	< 250 U/L
Aged 2 to 5 Days	< 231 U/L
Aged 6 Days to 6 Months	< 449 U/L
Aged 7 Months to 1 Year	< 426 U/L
Aged 1 - 3 Yrs	< 281 U/L
Aged 4 - 6 Yrs	< 269 U/L
Aged 7 - 12 Yrs	< 300 U/L
Aged 13 - 17 Yrs (Male)	< 390 U/L

Contd...3



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SONKH ROAD, KRISHNA NAGAR, MATHURA

Date	22/09/2022	Srl No.	107	Sex	M
Name	MR. ATUL KUMAR SINGH	Age	32 Yrs.	OUT SIDE SAMPLE	
Ref. By	C/O BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
Aged 13 - 17 Yrs (Female)	< 187 U/L		
Men (Adult)	40 - 129 U/L		
Women (Adult)	35 - 104 U/L		
GGTP	25.60	U/L	0.80 - 55.0
LIPID PROFILE			
SERUM CHOLESTEROL	198.7	mg/dl	
Optimal	< 200	mg/dl	
Border Line High Risk	200 - 239	mg/dl	
High Risk	> 240	mg/dl	
TRIGLYCERIDES	254.6		
Optimal	< 150	mg/dl	
Border Line High Risk	150 - 199	mg/dl	
High Risk	200 - 499	mg/dl	
Very High Risk	> 500	mg/dl	
H D L CHOLESTEROL(direct)	52.8		
Optimal>	<u>Male</u> 55	mg/dl	<u>Female</u> > 65
Border Line High Risk	35 - 55	mg/dl	45 - 65
High Risk	< 35	mg/dl	< 45
L D L CHOLESTEROL (DIRECT)	94.98	mg/dl	
Optimal	<100	mg/dl	
Near or Above Optimal	100 - 129	mg/dl	
Border Line High Risk	130 - 159	mg/dl	
High Risk	160 - 189	mg/dl	
Very High Risk	> 190	mg/dl	
VLDL	50.92	mg/dl	25.0 - 40.0

Contd...4



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Ref. By	C/O BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
SERUM CHOLESTEROL/HDL RATIO	3.763		
LDL / HDL CHOLESTEROL RATIO	1.799		0.00 - 3.55

R.O. risk factor

Risk Factor of Coronary Heart Disease.

Positive Risk Factors

1. Age - Males >45 Yrs.
Females >55 Yrs. or premature menopause without estrogen replacement therapy.
2. Family history of premature coronary heart disease.
3. Cigarette smoking.
4. Hypertension (>140/90 mm Hg or on antihypertensive medication)
5. Low HDL Cholesterol <30 mg/dl
6. Diabetes mellitus

Negative Risk Factor

1. High HDL Cholesterol >60 mg/dl

K.F.T / KIDNEY FUNCTION TEST

BLOOD UREA	26.9	mg /dl	15.0 - 45.0
CREATININE	1.12	mg/dl	0.70 - 1.30

Neonates(premature): 0.29 - 1.04
 Neonates(Full term): 0.24 - 0.85
 2 - 12 Months : 0.17 - 0.42
 1 - <3 Yrs : 0.24 - 0.41
 3 - <5 Yrs : 0.31 - 0.47
 5 - <7 Yrs : 0.32 - 0.59
 7 - <9 Yrs : 0.40 - 0.60
 9 - <11 Yrs : 0.39 - 0.73
 11 - <13 Yrs : 0.53 - 0.79
 13 - <15 Yrs : 0.57 - 0.87

URIC ACID	6.70	mg/dl	3.4 - 7.20
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Contd...5



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Ref. By	C/O BOB				

Investigation Name	Result Value	Unit	Biomedical Ref Range
INORGANIC PHOSPHORUS	3.41	mg/dl	2.7 - 4.5

BIOCHEMISTRY - TEST REPORT

S.SODIUM	142.6	mmol/L	137.0 - 145.0
S.POTASSIUM	4.35	mmol/L	3.6 - 5.0
CALCIUM	9.20	mg/dl	8.4 - 10.2

**** Report Completed****



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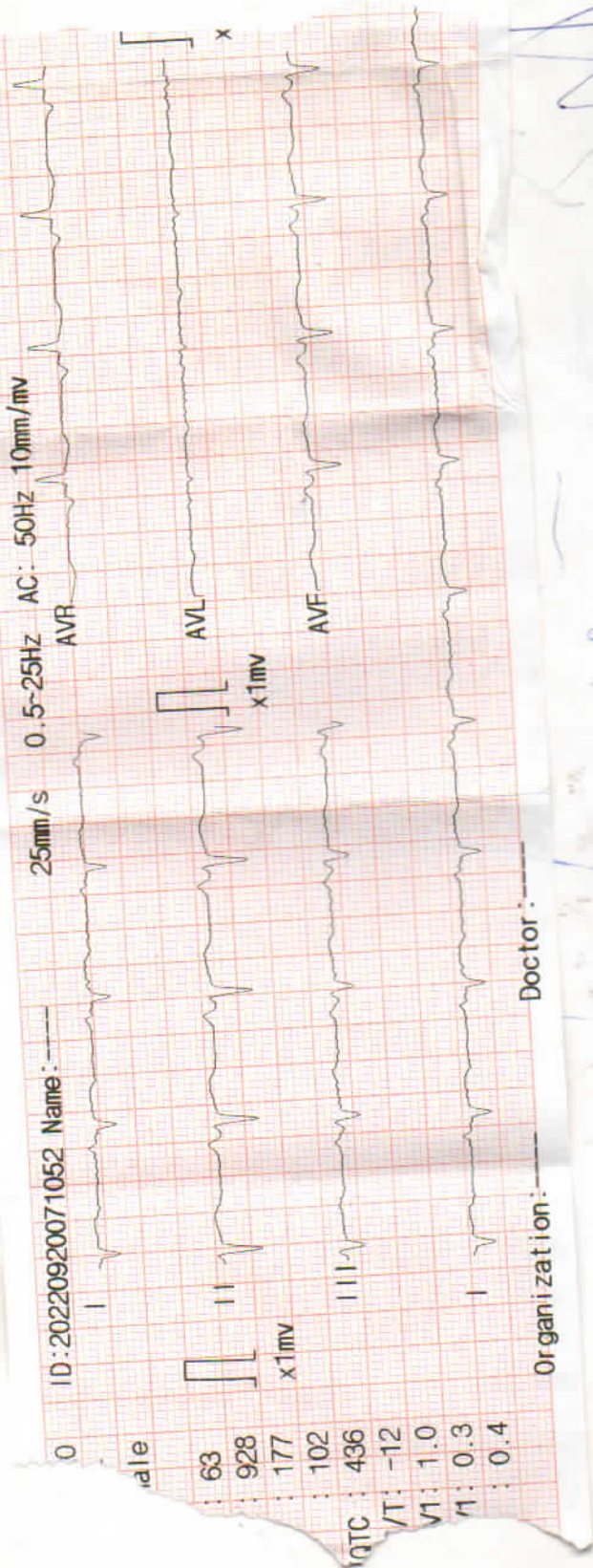
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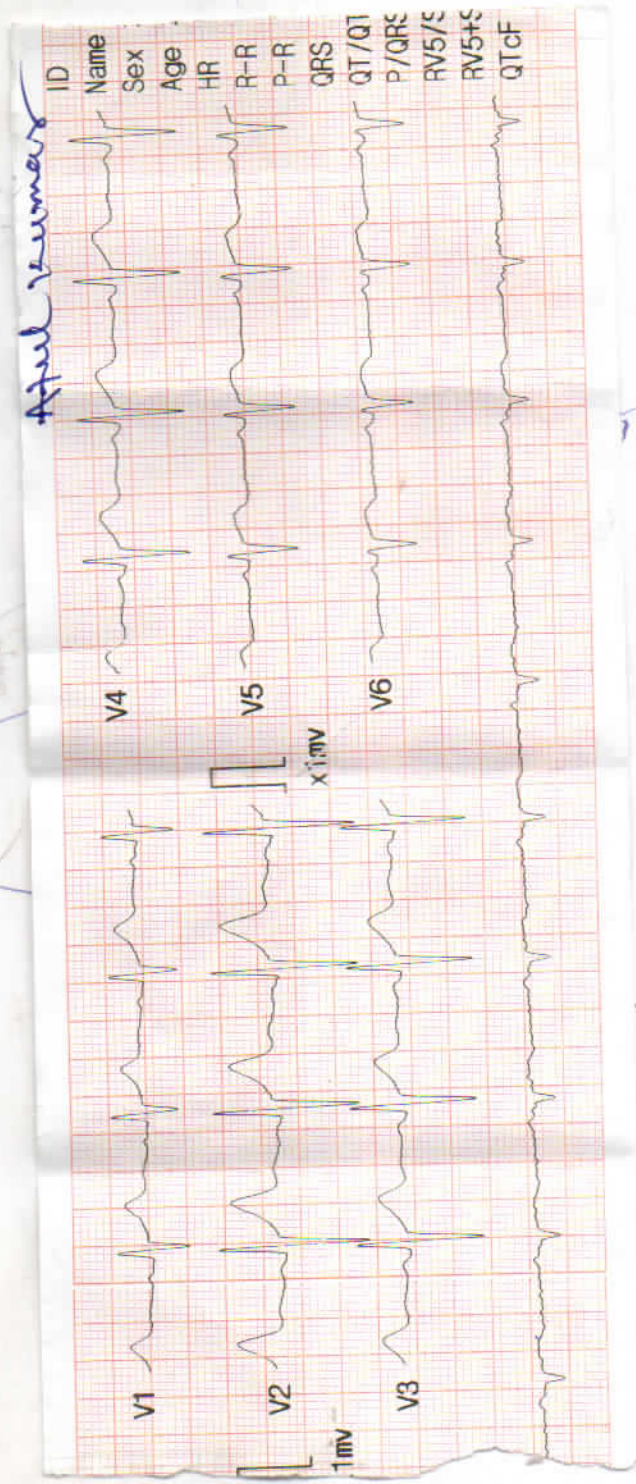
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Organization: _____
 Doctor: _____



R

ATUL KUMAR SINGH 32Y Male

22/09/2022

Chest PA

BHARTI HOSPITAL SONKH ROAD, KRISHNA NAGAR, MATHURA

Bal. 300

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Date	25/09/2022	Srl No.	128	Sex	M
Name	MR. ATUL KUMAR SINGH	Age	32 Yrs.	OUT SIDE SAMPLE	
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THYROID PROFILE

T3 ,T4 ,TSH

T3 1.05 ng/ml 0.87 - 1.78

Adults (>15 yrs) : 0.87 - 1.78
 New born : 0.75 - 2.60
 1 - 5 Yrs : 1.00 - 2.60
 5 - 10 Yrs : 0.90 - 2.40
 10 - 15 Yrs : 0.80 - 2.10

T4 (Thyroxin) 10.4 ug/dl 6.00 - 12.00

Adults : 6.00 - 12.00
 1 - 3 days : 8.20 - 19.9
 1 week : 6.00 - 15.9
 1 - 12 month : 6.1 - 14.9
 1 - 3 yrs : 6.80 - 13.5
 3 - 10 yrs : 5.50 - 12.8
 >10 Yrs : 6.00 - 12.00

TSH 1.18 μ IU/ml 0.25 - 5.50

Test	Reference Group	Age	Reference Range	Unit
TSH		Cord Blood	1.00 - 39.0	μ IU/ml
		1-4 Week	1.70 - 9.10	μ IU/ml
		1-12 Months	0.80 - 8.20	μ IU/ml
		1-5 Years	0.70 - 5.70	μ IU/ml
		6-10 Years	0.70 - 5.70	μ IU/ml
		11-15 Years	0.70 - 5.70	μ IU/ml
		16-20 Years	0.70 - 5.70	μ IU/ml

The test has been carried out in Fully Automated Immunoassay System VIDAS using ELFA (Enzyme Linked Fluorescence Assay) technology.




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