

## RADIOLOGY REPORT

<b>Name</b>	Jyoti NIGAM	<b>Modality</b>	DX
<b>Patient ID</b>	MH010899450	<b>Accession No</b>	R5383959
<b>Gender/Age</b>	F / 43Y 9M 24D	<b>Scan Date</b>	07-04-2023 10:37:31
<b>Ref. Phys</b>	Dr. HEALTH CHECK MGD	<b>Report Date</b>	07-04-2023 11:24:58

## XR- CHEST PA VIEW

**FINDINGS:**

LUNGS: Normal.  
 TRACHEA: Normal.  
 CARINA: Normal.  
 RIGHT AND LEFT MAIN BRONCHI: Normal.  
 PLEURA: Normal.  
 HEART: Normal.  
 RIGHT HEART BORDER: Normal.  
 LEFT HEART BORDER: Normal.  
 PULMONARY BAY: Normal.  
 PULMONARY HILA: Normal.  
 AORTA: Normal.  
 THORACIC SPINE: Normal.  
 OTHER VISUALIZED BONES: Normal.  
 VISUALIZED SOFT TISSUES: Normal.  
 DIAPHRAGM: Normal.  
 VISUALIZED ABDOMEN: Surgical clips are seen in right hypochondrium .  
 VISUALIZED NECK: Normal.

**IMPRESSION:**

**-No significant abnormality noted.**

*Recommend clinical correlation.*



Dr. Prabhat Prakash Gupta,  
 MBBS,DNB,MNAMS,FRCR(I)  
 Consultant Radiologist, Reg no DMC/R/14242

MANIPAL HOSPITALS

This document is digitally signed and hence no manual signature is required

Teleradiology services provided by Manipal Hospitals Radiology Group

www.manipalhospitals.com

## RADIOLOGY REPORT

<b>Name</b>	Jyoti NIGAM	<b>Modality</b>	US
<b>Patient ID</b>	MH010899450	<b>Accession No</b>	R5383960
<b>Gender/Age</b>	F / 43Y 9M 24D	<b>Scan Date</b>	07-04-2023 10:57:31
<b>Ref. Phys</b>	Dr. HEALTH CHECK MGD	<b>Report Date</b>	07-04-2023 11:23:18

**USG ABDOMEN & PELVIS****FINDINGS**

**LIVER:** appears normal in size (measures 129 mm) and shape but shows diffuse increase in liver echotexture, in keeping with diffuse grade I fatty infiltration. Rest normal.

**SPLEEN:** Spleen is normal in size (measures 93 mm), shape and echotexture. Rest normal.

**PORTAL VEIN:** Appears normal in size and measures 11.7 mm.

**COMMON BILE DUCT:** Appears normal in size and measures 4.6 mm.

**IVC, HEPATIC VEINS:** Normal.

**BILIARY SYSTEM:** Normal.

**GALL BLADDER:** not seen (surgically removed - post cholecystectomy status).

**PANCREAS:** Pancreas is normal in size, shape and echotexture. Rest normal.

**KIDNEYS:** Bilateral kidneys are normal in size, shape and echotexture. Cortico-medullary differentiation is maintained. Rest normal.

Right Kidney: measures 93 x 36 mm.

Left Kidney: measures 105 x 34 mm.

**PELVI-CALYCEAL SYSTEMS:** Compact.

**NODES:** Not enlarged.

**FLUID:** Nil significant.

**URINARY BLADDER:** Urinary bladder is well distended. Wall thickness is normal and lumen is echofree. Rest normal.

**UTERUS:** Uterus is anteverted, bulky in size (measures 97 x 38 x 35 mm) but normal in shape and shows coarse myometrial echotexture.

Endometrial thickness measures 5.2 mm. Cervix appears bulky.

**OVARIES:** Both ovaries are normal in size, shape and echotexture. Rest normal.

Right ovary measures 25 x 22 x 12 mm with volume 3.4 cc.

Left ovary measures 24 x 19 x 13 mm with volume 3.1 cc.

Bilateral adnexa is clear.

**BOWEL:** Visualized bowel loops appear normal.

**IMPRESSION**

- Diffuse grade I fatty infiltration in liver.
- Bulky uterus with coarse myometrial echotexture.
- Bulky cervix (ADV: Pap smear for further evaluation).

Recommend clinical correlation.

MANIPAL HOSPITALS

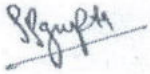
This document is digitally signed and hence, no manual signature is required

Teleradiology services provided by Manipal Hospitals Radiology Group

www.manipalhospitals.com

## RADIOLOGY REPORT

<b>Name</b>	Jyoti NIGAM	<b>Modality</b>	US
<b>Patient ID</b>	MH010899450	<b>Accession No</b>	R5383960
<b>Gender/Age</b>	F / 43Y 9M 24D	<b>Scan Date</b>	07-04-2023 10:57:31
<b>Ref. Phys</b>	Dr. HEALTH CHECK MGD	<b>Report Date</b>	07-04-2023 11:23:18



Dr. Prabhat Prakash Gupta,  
MBBS,DNB,MNAMS,FRCR(I)  
Consultant Radiologist, Reg no DMC/R/14242

MANIPAL HOSPITALS

This document is digitally signed and hence, no manual signature is required

Teleradiology services provided by Manipal Hospitals Radiology Group

www.manipalhospitals.com

This report is subject to the terms and conditions mentioned overleaf



LABORATORY REPORT

Name : MRS JYOTI NIGAM Age : 43 Yr(s) Sex :Female  
Registration No : MH010899450 Lab No : 32230402483  
Patient Episode : H18000000424 Collection Date : 07 Apr 2023 14:54  
Referred By : HEALTH CHECK MGD Reporting Date : 08 Apr 2023 07:11  
Receiving Date : 07 Apr 2023 15:01

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
Specimen Type : Serum			
<b>THYROID PROFILE, Serum</b>			
T3 - Triiodothyronine (ECLIA)	1.00	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	7.98	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	0.868	µIU/mL	[0.340-4.250]
1st Trimester:0.6 - 3.4	micIU/mL		
2nd Trimester:0.37 - 3.6	micIU/mL		
3rd Trimester:0.38 - 4.04	micIU/mL		

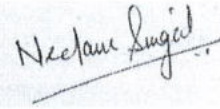
Note : TSH levels are subject to circadian variation, reaching peak levels between 2-4.a.m.and at a minimum between 6-10 pm.Factors such as change of seasons hormonal fluctuations,Ca or Fe supplements,high fibre diet, stress and illness affect TSH results.

\* References ranges recommended by the American Thyroid Association

- 1) Thyroid. 2011 Oct;21(10):1081-125.PMID .21787128
- 2) <http://www.thyroid-info.com/articles/tsh-fluctuating.html>

Page 1 of 9

-----END OF REPORT-----



Dr. Neelam Singal  
CONSULTANT BIOCHEMISTRY

**LABORATORY REPORT**

Name : MRS JYOTI NIGAM Age : 43 Yr(s) Sex :Female  
 Registration No : MH010899450 Lab No : 202304000718  
 Patient Episode : H18000000424 Collection Date : 07 Apr 2023 10:20  
 Referred By : HEALTH CHECK MGD Reporting Date : 07 Apr 2023 12:31  
 Receiving Date : 07 Apr 2023 10:20

**HAEMATOLOGY**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
<b>COMPLETE BLOOD COUNT (AUTOMATED)</b>		<b>SPECIMEN-EDTA Whole Blood</b>	
RBC COUNT (IMPEDEANCE)	4.20	millions/cu mm	[3.80-4.80]
<b>HEMOGLOBIN</b>	<b>11.9 #</b>	<b>g/dl</b>	<b>[12.0-16.0]</b>
Method:cyanide free SLS-colorimetry			
HEMATOCRIT (CALCULATED)	37.5	%	[36.0-46.0]
MCV (DERIVED)	89.3	fL	[83.0-101.0]
MCH (CALCULATED)	28.3	pg	[27.0-32.0]
MCHC (CALCULATED)	31.7	g/dl	[31.5-34.5]
<b>RDW CV% (DERIVED)</b>	<b>14.3 #</b>	<b>%</b>	<b>[11.6-14.0]</b>
Platelet count	245	x 10 <sup>3</sup> cells/cumm	[150-400]
MPV (DERIVED)	10.1		
WBC COUNT (TC) (IMPEDEANCE)	5.32	x 10 <sup>3</sup> cells/cumm	[4.00-10.00]
DIFFERENTIAL COUNT (VCS TECHNOLOGY/MICROSCOPY)			
Neutrophils	51.0	%	[40.0-80.0]
Lymphocytes	40.0	%	[17.0-45.0]
Monocytes	6.0	%	[2.0-10.0]
Eosinophils	3.0	%	[2.0-7.0]
Basophils	0.0	%	[0.0-2.0]
<b>ESR</b>	<b>26.0 #</b>	<b>/1sthour</b>	<b>[0.0-</b>

LABORATORY REPORT

Name : MRS JYOTI NIGAM Age : 43 Yr(s) Sex :Female  
Registration No : MH010899450 Lab No : 202304000718  
Patient Episode : H1800000424 Collection Date : 07 Apr 2023 11:02  
Referred By : HEALTH CHECK MGD Reporting Date : 07 Apr 2023 14:50  
Receiving Date : 07 Apr 2023 11:02

CLINICAL PATHOLOGY

ROUTINE URINE ANALYSIS (Semi Automated) Specimen-Urine

MACROSCOPIC DESCRIPTION

Colour	PALE YELLOW	(Pale Yellow - Yellow)
Appearance	CLEAR	
Reaction[pH]	5.0	(4.6-8.0)
Specific Gravity	1.010	(1.003-1.035)

CHEMICAL EXAMINATION

Protein/Albumin	Negative	(NEGATIVE)
Glucose	NIL	(NIL)
Ketone Bodies	Negative	(NEGATIVE)
Urobilinogen	Normal	(NORMAL)

MICROSCOPIC EXAMINATION(Automated/Manual)

Pus Cells	0-1 /hpf	(0-5/hpf)
RBC	NIL	(0-2/hpf)
Epithelial Cells	1-2 /hpf	
CASTS	NIL	
Crystals	NIL	
OTHERS	NIL	



**LABORATORY REPORT**

<b>Name</b> :	MRS JYOTI NIGAM	<b>Age</b> :	43 Yr(s) Sex :Female
<b>Registration No</b> :	MH010899450	<b>Lab No</b> :	202304000718
<b>Patient Episode</b> :	H18000000424	<b>Collection Date</b> :	07 Apr 2023 10:20
<b>Referred By</b> :	HEALTH CHECK MGD	<b>Reporting Date</b> :	07 Apr 2023 16:00
<b>Receiving Date</b> :	07 Apr 2023 10:20		

**BIOCHEMISTRY**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
<b>Glycosylated Hemoglobin</b>			
Specimen: EDTA			
<b>HbA1c (Glycosylated Hemoglobin)</b>	6.6 #	%	[0.0-5.6]
Method: HPLC			
As per American Diabetes Association(ADA)			
HbA1c in %			
Non diabetic adults >= 18years <5.7			
Prediabetes (At Risk )5.7-6.4			
Diagnosing Diabetes >= 6.5			

Estimated Average Glucose (eAG) 143 mg/dl

Comments : HbA1c provides an index of average blood glucose levels over the past 8-12 weeks and is a much better indicator of long term glycemic control.

**Serum LIPID PROFILE**

<b>Serum TOTAL CHOLESTEROL</b>	214 #	mg/dl	[<200] Moderate risk:200-239 High risk:>240
<b>TRIGLYCERIDES (GPO/POD)</b>	85	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
<b>HDL- CHOLESTEROL</b>	45.0	mg/dl	[35.0-65.0]
Method : Enzymatic Immunoimhibition			
<b>VLDL- CHOLESTEROL (Calculated)</b>	17	mg/dl	[0-35]
<b>CHOLESTEROL, LDL, CALCULATED</b>	152.0 #	mg/dl	[<120.0] Near/ Borderline High:130-159 High Risk:160-189

Above optimal-100-129

LABORATORY REPORT

Name : MRS JYOTI NIGAM Age : 43 Yr(s) Sex :Female  
 Registration No : MH010899450 Lab No : 202304000718  
 Patient Episode : H18000000424 Collection Date : 07 Apr 2023 10:20  
 Referred By : HEALTH CHECK MGD Reporting Date : 07 Apr 2023 12:19  
 Receiving Date : 07 Apr 2023 10:20

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
T.Chol/HDL.Chol ratio(Calculated)	4.8		<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio(Calculated)	3.4		<3 Optimal 3-4 Borderline >6 High Risk

Note:  
Reference ranges based on ATP III Classifications.

KIDNEY PROFILE

Specimen: Serum

UREA	23.5	mg/dl	[15.0-40.0]
<i>Method: GLDH, Kinatic assay</i>			
BUN, BLOOD UREA NITROGEN	11.0	mg/dl	[8.0-20.0]
<i>Method: Calculated</i>			
CREATININE, SERUM	0.68 #	mg/dl	[0.70-1.20]
<i>Method: Jaffe rate-IDMS Standardization</i>			
URIC ACID	5.4	mg/dl	[4.0-8.5]
<i>Method:uricase PAP</i>			
SODIUM, SERUM	137.50	mmol/L	[136.00-144.00]
POTASSIUM, SERUM	4.26	mmol/L	[3.60-5.10]
SERUM CHLORIDE	105.9	mmol/l	[101.0-111.0]
<i>Method: ISE Indirect</i>			

eGFR (calculated) 107.5 ml/min/1.73sq.m [>60.0]

Technical Note

eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to 1.73 sq.m BSA and is not applicable to individuals below 18 years.



LABORATORY REPORT

Name : MRS JYOTI NIGAM Age : 43 Yr(s) Sex :Female  
 Registration No : MH010899450 Lab No : 202304000718  
 Patient Episode : H18000000424 Collection Date : 07 Apr 2023 10:20  
 Referred By : HEALTH CHECK MGD Reporting Date : 07 Apr 2023 12:19  
 Receiving Date : 07 Apr 2023 10:20

BIOCHEMISTRY

TEST RESULT UNIT BIOLOGICAL REFERENCE INTERVAL  
 eGFR tends to be less accurate when Serum Creatinine estimation is indeterminate e.g. patients at extremes of muscle mass, on unusual diets etc. and samples with severe Hemolysis, Icterus / Lipemia.

LIVER FUNCTION TEST

BILIRUBIN - TOTAL Method: D P D	0.43	mg/dl	[0.30-1.20]
BILIRUBIN - DIRECT Method: DPD	0.05	mg/dl	[0.00-0.30]
INDIRECT BILIRUBIN (SERUM) Method: Calculation	0.38	mg/dl	[0.10-0.90]
TOTAL PROTEINS (SERUM) Method: BIURET	6.90	gm/dl	[6.60-8.70]
ALBUMIN (SERUM) Method: BCG	3.67	g/dl	[3.50-5.20]
GLOBULINS (SERUM) Method: Calculation	3.20	gm/dl	[1.80-3.40]
PROTEIN SERUM (A-G) RATIO Method: Calculation	1.14		[1.00-2.50]
AST (SGOT) (SERUM) Method: IFCC W/O P5P	19.00	U/L	[0.00-40.00]
ALT (SGPT) (SERUM) Method: IFCC W/O P5P	17.00	U/L	[14.00-54.00]
Serum Alkaline Phosphatase Method: AMP BUFFER IFCC)	68.0	IU/L	[40.0-98.0]

LABORATORY REPORT

Name : MRS JYOTI NIGAM Age : 43 Yr(s) Sex :Female  
Registration No : MH010899450 Lab No : 202304000718  
Patient Episode : H18000000424 Collection Date : 07 Apr 2023 10:20  
Referred By : HEALTH CHECK MGD Reporting Date : 07 Apr 2023 12:19  
Receiving Date : 07 Apr 2023 10:20

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
GGT	16.0		[7.0-50.0]

Blood Group & Rh Typing (Agglutination by gel/tube technique) Specimen-Blood

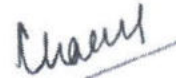
Blood Group & Rh typing B Rh(D) Positive

Technical note:

ABO grouping and Rh typing is done by cell and serum grouping by microplate / gel technique.

Page 7 of 9

-----END OF REPORT-----



Dr. Charu Agarwal  
Consultant Pathologist

LABORATORY REPORT

Name : MRS JYOTI NIGAM Age : 43 Yr(s) Sex :Female  
Registration No : MH010899450 Lab No : 202304000719  
Patient Episode : H18000000424 Collection Date : 07 Apr 2023 10:20  
Referred By : HEALTH CHECK MGD Reporting Date : 07 Apr 2023 12:20  
Receiving Date : 07 Apr 2023 10:20

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
<b>GLUCOSE-Fasting</b> Specimen: Plasma GLUCOSE, FASTING (F) Method: Hexokinase	99.0	mg/dl	[70.0-110.0]

Page 8 of 9

-----END OF REPORT-----



Dr. Charu Agarwal  
Consultant Pathologist



LABORATORY REPORT

Name : MRS JYOTI NIGAM Age : 43 Yr(s) Sex :Female  
Registration No : MH010899450 Lab No : 202304000720  
Patient Episode : H18000000424 Collection Date : 07 Apr 2023 13:31  
Referred By : HEALTH CHECK MGD Reporting Date : 07 Apr 2023 14:46  
Receiving Date : 07 Apr 2023 13:31

BIOCHEMISTRY

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVAL
PLASMA GLUCOSE Specimen: Plasma GLUCOSE, POST PRANDIAL (PP), 2 HOURS	147.0 #	mg/dl	[80.0-140.0]

Method: Hexokinase

Note:

Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric emptying, brisk glucose absorption , post exercise

Page 9 of 9

-----END OF REPORT-----

Dr. Alka Dixit Vats  
Consultant Pathologist



## INVESTIGATION REPORT

Patient Name : Mrs. Jyoti NIGAM	Location	Ghaziabad
Age/Sex 43Year(s)/Female	Visit No	: V00000000001-GHZB
MRN No <span style="background-color: black; color: black;">XXXXXXXXXX</span>	Order Date	:08/04/2023
Ref. Doctor HCP	Report Date	: 08/04/2023

EchocardiographyFinal Interpretation

1. No RWMA, LVEF=60%.
2. Grade I LV diastolic dysfunction.
3. Trace MR, No AR.
4. No TR, No PAH.
5. No intracardiac clot/mass/PE.

Chambers & valves:

- **Left Ventricle:** It is normal sized.
- **Left Atrium:** It is normal sized.
- **Right Atrium:** It is normal sized.
- **Right Ventricle:** It is normal sized.
- **Aortic Valve:** It appears normal.
- **Mitral Valve:** Opens normally. Subvalvular apparatus appear normal.
- **Tricuspid Valve:** It appears normal.
- **Pulmonic Valve:** It appears normal.
- **Main Pulmonary artery & its branches:** Appear normal.
- **Pericardium:** Trace pericardial effusion.

Description:

- LV is normal size with normal contractility.

Manipal Hospital, Ghaziabad

NH - 24, Hapur Road, Opp. Bahmeta Village, Ghaziabad, Uttar Pradesh - 201 002

P : 0120-616 5666

Manipal Health Enterprises Private Limited

CIN: U85110KA2003PTC033055

Regd. Off. The Annexe, #98/2, Rustom Bagh, Off. HAL Airport Road, Bengaluru - 560 017

P +91 80 4936 0300 E info@manihospitals.com



## INVESTIGATION REPORT

Patient Name : Mrs. Jyoti NIGAM	Location	Ghaziabad
Age/Sex 43Year(s)/Female	Visit No	: V0000000001-GHZB
MRN No <span style="background-color: black; color: black;">XXXXXXXXXX</span>	Order Date	08/04/2023
Ref. Doctor : HCP	Report Date	:08/04/2023

EchocardiographyMeasurements (mm):

	Observed values	Normal values
Aortic root diameter	25	20-36 (22mm/M <sup>2</sup> )
Aortic valve opening	19	15-26
Left atrium size	35	19-40

	End Diastole	End Systole	Normal Values
Left ventricle size	39	27	(ED=37-56:Es=22-40)
Interventricular septum	10	13	(ED=6-12)
Posterior wall thickness	11	14	(ED=5-10)

LV Ejection Fraction (%)	60%	55%-80%
HR		

Color & Doppler evaluation:

Valve	Velocity(cm/s)	Regurgitation
Mitral	E/A-40/58 DT-	Trace
Aortic	133	Nil
Tricuspid	63	Nil
Pulmonary	103	Nil

  
**Dr. Bhupendra Singh**  
 MD, DM (CARDIOLOGY), FACC  
 Sr. Consultant Cardiology

**Dr. Abhishek Singh**  
 MD, DNB (CARDIOLOGY), MNAMS  
 Sr. Consultant Cardiology

**Dr. Sudhanshu Mishra**  
 Cardiology Registrar

Manipal Hospital, Ghaziabad

NH - 24, Hapur Road, Opp. Bahmeta Village, Ghaziabad, Uttar Pradesh - 201 002

P : 0120-616 5666

Page 2 of 2

Manipal Health Enterprises Private Limited

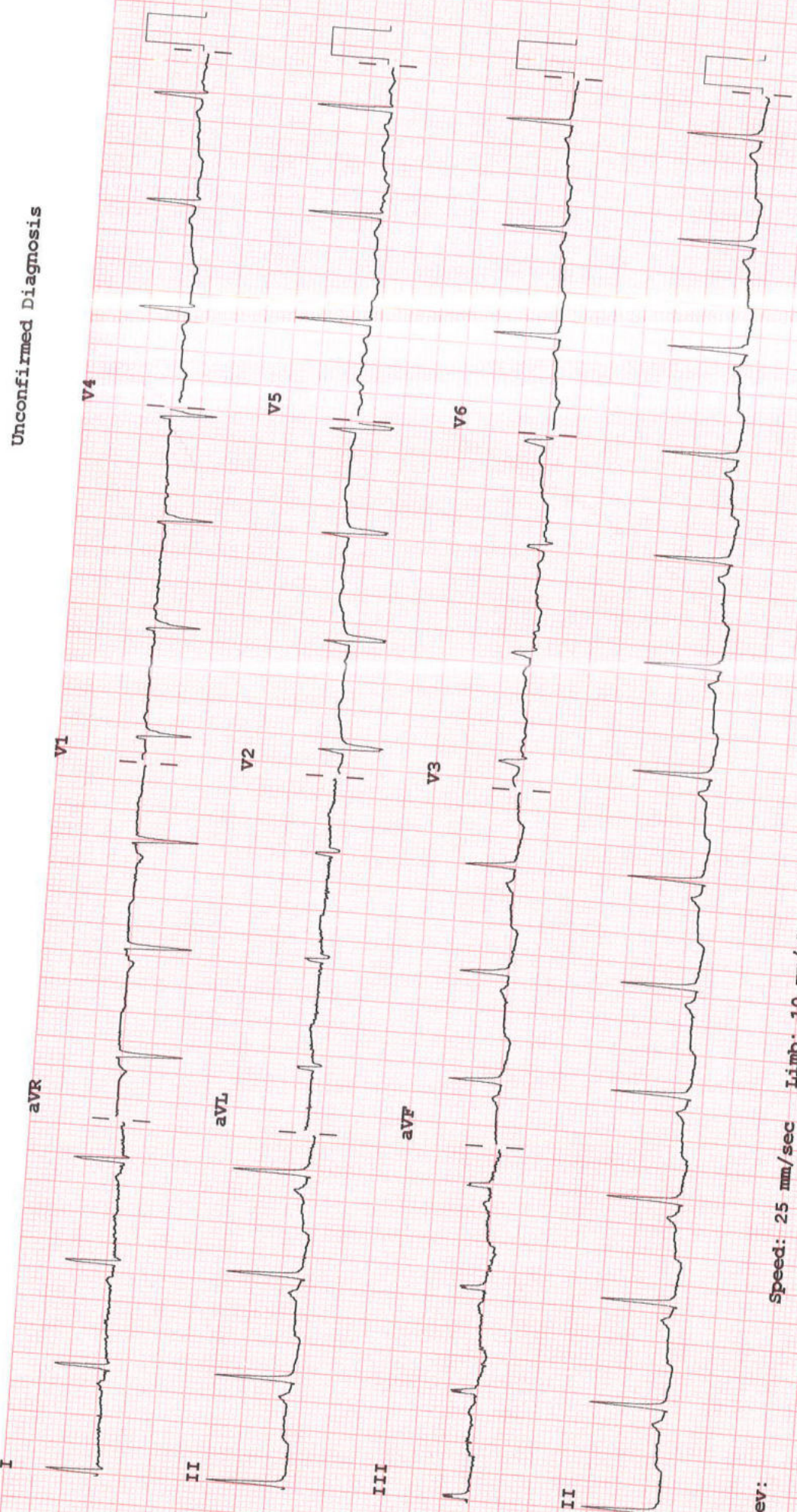
CIN: U85110KA2003PTC033055

Regd. Off. The Annexe, #98/2, Rustom Bagh, Off. HAL Airport Road, Bengaluru - 560 017

P +91 80 4936 0300 E info@manihospitals.com www.manipalhospitals.com



- ABNORMAL ECG -



Unconfirmed Diagnosis

Speed: 25 mm/sec    Limb: 10 mm/mV    Chest: 10.0 mm/mV

F 60~ 0.15-100 Hz

PH100B CL P?

Dev: