

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mrs I PALLAVI MRN : 17530000118062 Gender/Age : FEMALE , 34y (18/11/1988)

Collected On : 25/02/2023 09:21 AM Received On : 25/02/2023 10:19 AM Reported On : 25/02/2023 11:40 AM

Barcode : R12302250040 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase/Peroxidase)	146	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
Triglycerides (LPL/GK)	93	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	46	mg/dL	40.0-60.0
Non-HDL Cholesterol	100	-	-
LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	81	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	18.6	mg/dL	<40.0
Cholesterol /HDL Ratio (Calculated)	3.2	-	<4.5
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Caffeine Benzoate)	0.58	mg/dL	0.2-1.0
Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.04	mg/dL	0.0-0.2
Unconjugated Bilirubin (Indirect)	0.54	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	7.13	gm/dL	6.4-8.2
Serum Albumin (Bromocresol Purple Dye Binding)	3.87	gm/dL	3.4-5.0
Serum Globulin (Calculated)	3.26	gm/dL	2.0-3.5

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Albumin To Globulin (A/G)Ratio (Calculated)	1.19	-	1.0-2.1
SGOT (AST) (UV With Pyridoxal-5-phosphate)	23	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	20	U/L	14.0-59.0
Alkaline Phosphatase (ALP) (AMP Buffer)	103	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	18	U/L	5.0-55.0

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (Hexokinase)	104 H	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)
Blood Urea Nitrogen (BUN) (Urease, UV)	6.45 L	mg/dL	7.0-20.0

SERUM CREATININE

Serum Creatinine (Jaffe's Kinetic IDMS)	0.56 L	mg/dL	0.6-1.1
eGFR (Calculated)	124.0	mL/min/1.73m ²	Inductive of Renal Impairment:<60 Note:eGFR is inaccurate for Hemodynamically unstable patients. eGFR is not applicable for less than 18 years of age .
Serum Sodium (Indirect IMT)	137.68	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.36	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	103.64	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	27	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	8.49 L	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	2.13	mg/dL	1.8-2.4
Serum Uric Acid (Uricase, UV)	4.3	mg/dL	2.6-6.0
Serum Phosphorus (Phosphomolybdate Reduction)	4.1	mg/dL	2.6-4.7

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--End of Report--



Dr. Mohit Pradhan
MBBS, MD Pathology
Consultant Pathologist

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.



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Collected On : 25/02/2023 09:21 AM Received On : 25/02/2023 09:57 AM Reported On : 25/02/2023 12:00 PM

Barcode : RB2302250004 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

BLOOD BANK

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group	"O"	-
RH Typing	Positive	-

--End of Report--



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Collected On : 25/02/2023 09:21 AM Received On : 25/02/2023 09:57 AM Reported On : 25/02/2023 11:51 AM

Barcode : R42302250021 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	12.59	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.22	million/ μ l	3.8-4.8
PCV (Packed Cell Volume) / Hematocrit (Calculated)	38.0	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Derived)	90.1	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	29.8	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.1	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	12.8	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	220.7	Thousand / μ L	150.0-450.0
Mean Platelet Volume (MPV)	10.43	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	7.12	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	72 H	%	35.0-66.0
Lymphocytes (VCS Technology Plus Microscopy)	25	%	24.0-44.0
Monocytes (VCS Technology Plus Microscopy)	01 L	%	3.0-6.0
Eosinophils (VCS Technology Plus Microscopy)	02	%	0.0-3.0

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Basophils (VCS Technology Plus Microscopy)	00	%	0.0-1.0
Absolute Neutrophil Count	5.13	-	-
Absolute Lymphocyte Count	1.78	-	-
Absolute Monocyte Count	0.07	-	-
Absolute Eosinophil Count	0.14	-	-
Absolute Basophil Count	0.01	-	-

As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.

--End of Report--



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ID: 17530000118062
Name: MRS I PALLAVI
Age: 34 Years
Gender: Female

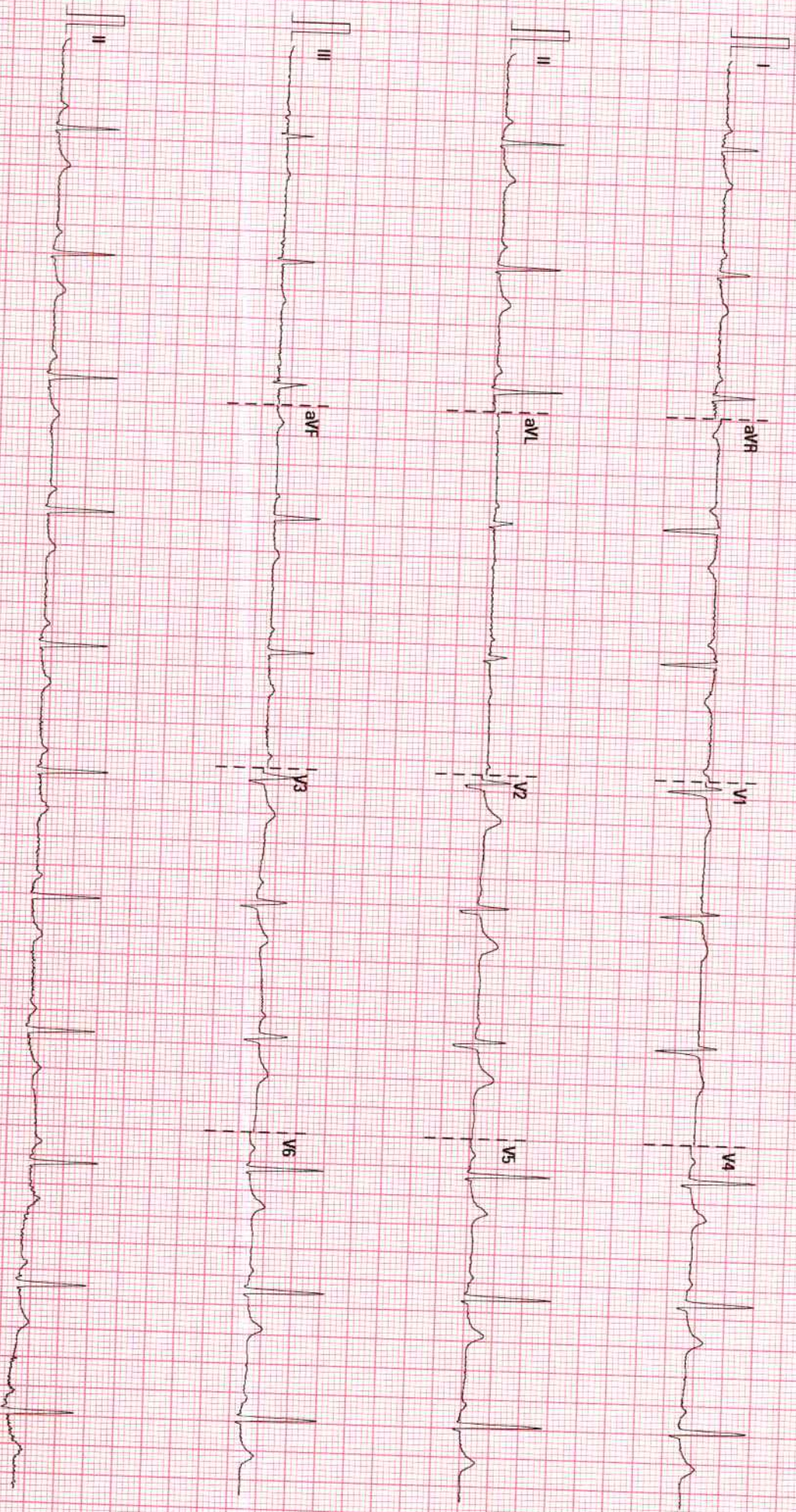
2023-02-25 10:30:37

Vent. Rate 68 bpm
PR Interval 138 ms
QRS Duration 78 ms
QT/QTc Interval 386/400 ms
P/QRS/T Axes 36/60/53 deg
DTc-Hodges

68 bpm
138 ms
78 ms
386/400 ms
36/60/53 deg

Sinus rhythm
Normal ECG

Unconfirmed Diagnosis



25 mm/s 10 mm/mV 50 Hz 80R 35 Hz

BNH_JAMSHEDPUR

02:07:00 V28 4.1

SN FN-83011128

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Collected On : 25/02/2023 09:21 AM Received On : 25/02/2023 09:56 AM Reported On : 25/02/2023 11:51 AM

Barcode : R42302250022 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	70 H	mm/hr	0.0-12.0

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Collected On : 25/02/2023 09:21 AM Received On : 25/02/2023 10:12 AM Reported On : 25/02/2023 11:39 AM

Barcode : R12302250039 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Hexokinase)	106 H	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)

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Collected On : 25/02/2023 09:21 AM Received On : 25/02/2023 10:22 AM Reported On : 25/02/2023 11:40 AM

Barcode : R12302250041 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	6.0 H	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	125.5	%	-

Interpretation:

- HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with HbA1C>6.5%, repeat measurement on further sample. If the repeat test result is <6.5%, consider as diabetes high risk and repeat measurement after 6 months.
- HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- Any sample with >15% should be suspected of having a haemoglobin variant.

--End of Report--



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Collected On : 25/02/2023 12:58 PM Received On : 25/02/2023 01:24 PM Reported On : 25/02/2023 03:02 PM

Barcode : R12302250110 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Hexokinase)	157 H	mg/dL	Normal: 70-139 Pre Diabetes: 140-199 Diabetes: => 200 ADA standards 2017

--End of Report--



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Collected On : 25/02/2023 09:21 AM Received On : 25/02/2023 10:19 AM Reported On : 25/02/2023 12:47 PM

Barcode : R22302250007 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

SEROLOGY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Chemiluminescence)	2.01	nmol/L	1.49-2.6
Thyroxine (T4) (Chemiluminescence)	8.95	ug/dl	4.5-12.0
TSH (Thyroid Stimulating Hormone) (Chemiluminescence)	1.753	μIU/mL	0.49-4.67

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Final Report

Patient Name : Mrs I PALLAVI MRN : 17530000118062 Gender/Age : FEMALE , 34y (18/11/1988)

Collected On : 25/02/2023 12:58 PM Received On : 25/02/2023 01:18 PM Reported On : 25/02/2023 03:03 PM

Barcode : R72302250022 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Post Prandial)	nil	-

--End of Report--



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Collected On : 25/02/2023 09:21 AM Received On : 25/02/2023 11:08 AM Reported On : 25/02/2023 12:30 PM

Barcode : R72302250006 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 7277070701

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume	30	ml	-
Colour	Straw	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction) (pH Indicator Method)	6.5	-	4.8-7.5
Sp. Gravity (Automated)	1.005	-	1.002-1.03
Protein (Error Of Indicators)	Nil	-	Nil
Urine Glucose (Enzyme Method (GOD POD))	Nil	-	-
Ketone Bodies (Rothers's Principle)	Nil	-	-
Bile Salts (Diazo Reaction)	Nil	-	-
Bile Pigment (Bilirubin) (Diazo Reaction)	Nil	-	-
Urobilinogen (Modified Ehrlich's Reaction)	Nil	-	-
Urine Leucocyte Esterase (Esterase Reaction With Pyrrole Compound)	Nil	-	-
Blood Urine (Peroxidase Reaction)	Nil	-	-
Nitrite (Reaction With Diazonium Compound)	Nil	-	-

MICROSCOPIC EXAMINATION

Page 1 of 2

NH Brahmananda Narayana Multispeciality Hospital

(A Unit of Narayana Hrudayalaya Limited) CIN: L85110KA2000PLC027497

Registered Office: 258/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Hospital Address: Near Pardih Chowk, Tamolia, NH 33, Jamshedpur 831012

Tel +91 657 6600 500 | Email : info.bnh@narayanahealth.org | www.narayanahealth.org



Appointments

1800-309-0309 (Toll Free)

Emergencies

7654-824-365

Patient Name : Mrs I PALLAVI MRN : 17530000118062 Gender/Age : FEMALE , 34y (18/11/1988)

Pus Cells	2-3/hpf	/hpf	0-2/hpf
RBC	Nil	-	-
Epithelial Cells	1-2/hpf	/hpf	2-3/hpf
Crystals	Nil	-	-
Casts	Nil	-	-
Bacteria	Nil	-	-
Yeast Cells	Nil	-	-
Others	Nil	-	-
Urine For Sugar (Fasting)	nil	-	-

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Patient Name	I PALLAVI	Requested By	Dr. Santosh Gupta
MRN	17530000118062	Procedure DateTime	2023-02-25 12:17:24
Age/Sex	34Y 3M / Female	Hospital	NH Jamshedpur

USG WHOLE ABDOMEN

LIVER -

Size: Mildly enlarged, 15.4 cm in cranio-caudal length.

Echotexture: Homogenously increased Grade-I, no focal lesion seen.

IHBD: Nil

Portal vein: Normal in caliber.

GB: Well distended, echofree. Wall is normal in thickness.

CBD: Normal in caliber.

PANCREAS: Normal in size & echotexture.

SPLEEN: Normal in size (9.4 cm) & echotexture.

KIDNEYS:-

Right kidney:

Size: Normal, 9.8 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

Left kidney:

Size: Normal, 10.6 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

No hydronephrosis or calculus seen on either side.

URINARY BLADDER: Partially distended, echofree.

UTERUS: Anteverted, normal in size (7.9 cm in bipolar length). Endometrium is central & normal in thickness. Myometrium is homogenous. Cervix is normal in thickness.

OVARIES: Normal in size & echotexture

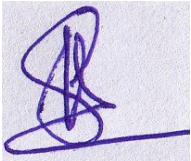
FREE FLUID: Nil

*Visualized bowel loops appear normal, no significant lymphadenopathy seen.

*Partial reducible umbilical hernia is seen (with a gap of size approx. 1.1 cm in caliber) containing parts of omental fat within in.

IMPRESSION:

1. Mild hepatomegaly with Grade-I fatty change.
2. Partial reducible umbilical hernia.



Dr Shashi Bhushan Kumar
Consultant Radiologist

This is a digitally signed valid document. Reported Date/Time: 2023-02-25 12:22:21

Patient Name	I PALLAVI	Requested By	Dr. Santosh Gupta
MRN	17530000118062	Procedure DateTime	25-02-2023 09:37
Age/Sex	34Y 3M/Female	Hospital	NH-JAMSHEDPUR

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- **No significant abnormality detected.**



Dr Sivakanth Nalubolu
Consultant Radiologist
MBBS,MDRD

* **This is a digitally signed valid document.** Reported Date/Time: 27-02-2023 10:16

DEPARTMENT OF NON INVASIVE CARDIOLOGY

Report of Echocardiography / colour Doppler studies

Patient MRN : 17530000118062	Report Date : 25.02.2023
Patients Name : Mrs I Pallavi	
Age/Sex : 34 Yrs / Female	

DATA (all values in cms):

Aortic Root	2.5	LV end-diastolic diameter	4.1
Left atrium	3.1	LV Post-wall thickness	0.9
Right Ventricle/ RA		LV end-systolic diameter	2.5
Ventricular septum	0.9	LV Ejection fraction	65%

IMPRESSION:

Left ventricle : No RWMA
Normal size LV cavity
Normal LV systolic function, LVEF- 65%

Right ventricle : Normal size RV, Good RV function.

Atria : Normal.

Mitral valve : Normal,

Tricuspid valve : Normal, RVSP= RAP+ 12mmHg.

Aortic valve : Normal, peak velocity– 1.3m/sec.

Pulmonic valve : Normal, peak velocity– 0.9m/sec.

IAS & IVS : Intact.

Pericardium : Normal.

Others : Nil,
No intra cardiac clot / vegetation / Pericardial effusion.

Conclusion : No RWMA
Normal LV systolic function with LVEF- 65%

Dr. Santosh Kr. Gupta

Consultant (Non Interventional cardiology)

