

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Aasthu Kumari MRN : 17530000234011 Gender/Age : FEMALE , 23y (16/08/1999)

Collected On : 25/03/2023 10:50 AM Received On : 25/03/2023 11:30 AM Reported On : 25/03/2023 12:54 PM

Barcode : RB2303250016 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

BLOOD BANK

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

--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.

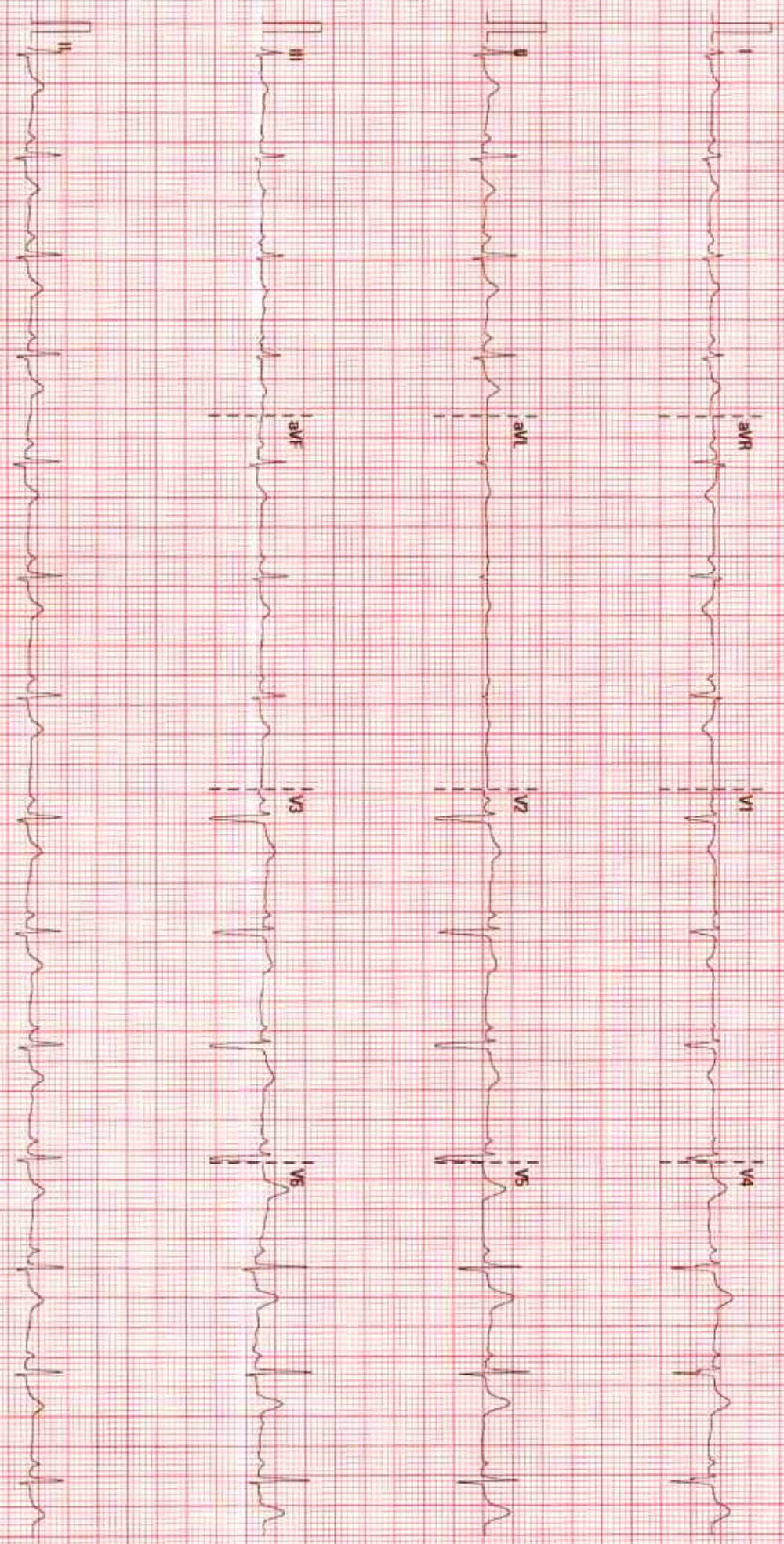


ID: 17530000234011
Name: MS ASTHU KUMARI
Age: 23 Years
Gender: Female

2023-03-25 12:31:03

Vent. Rate	81 bpm	Sinus rhythm
PR Interval	112 ms	Normal ECG
QRS Duration	70 ms	
QT/QTc Interval	344/381 ms	
P/QRS/T Axes	38/72/50 deg	
QTc/QTdges		

Unconfirmed Diagnosis



25 mm/s 10 mm/mV 50 Hz 800 35 Hz

BHVI, JAMSHEDPUR

02.07.20/V28 & 1

SN FR-83011126

DEPARTMENT OF NON INVASIVE CARDIOLOGY

Report of Echocardiography /colour Doppler studies

Patient MRN : 17530000234011	Report Date : 25.03.2023
Patients Name : Ms Aastha Kumari	
Age/Sex : 23Yrs / Female	

DATA (all values in cms):

Aortic Root	2.4	LV end-diastolic diameter	4.0
Left atrium	3.0	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)

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Collected On : 25/03/2023 10:50 AM Received On : 25/03/2023 11:30 AM Reported On : 25/03/2023 01:13 PM

Barcode : R42303250056 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	35 H	mm/hr	0.0-12.0

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Collected On : 25/03/2023 10:50 AM Received On : 25/03/2023 12:26 PM Reported On : 25/03/2023 12:51 PM

Barcode : R12303250085 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Hexokinase)	94	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)

--End of Report--



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Collected On : 25/03/2023 10:50 AM Received On : 25/03/2023 11:30 AM Reported On : 25/03/2023 12:15 PM

Barcode : R12303250087 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	4.7	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	88.2	%	-

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 : 25/03/2023 10:50 AM Received On : 25/03/2023 12:26 PM Reported On : 25/03/2023 12:51 PM

Barcode : R12303250086 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase/Peroxidase)	129	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
Triglycerides (LPL/GK)	85	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	61 H	mg/dL	40.0-60.0
Non-HDL Cholesterol	68	-	-
LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	51	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	17	mg/dL	<40.0
Cholesterol /HDL Ratio (Calculated)	2.1	-	<4.5
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Caffeine Benzoate)	0.59	mg/dL	0.2-1.0
Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.12	mg/dL	0.0-0.2
Unconjugated Bilirubin (Indirect)	0.47	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	8.64 H	gm/dL	6.4-8.2
Serum Albumin (Bromocresol Purple Dye Binding)	4.77	gm/dL	3.4-5.0
Serum Globulin (Calculated)	3.9 H	gm/dL	2.0-3.5



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Albumin To Globulin (A/G)Ratio (Calculated)	1.2	-	1.0-2.1
SGOT (AST) (UV With Pyridoxal-5-phosphate)	26	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	15	U/L	14.0-59.0
Alkaline Phosphatase (ALP) (AMP Buffer)	118 H	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	11	U/L	5.0-55.0

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (Hexokinase)	89	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)
Blood Urea Nitrogen (BUN) (Urease, UV)	8.56	mg/dL	7.0-20.0

SERUM CREATININE

Serum Creatinine (Jaffe's Kinetic IDMS)	0.62	mg/dL	0.6-1.1
eGFR (Calculated)	119.3	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)	140.38	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.62	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	105.08	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	22	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	9.95	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	1.95	mg/dL	1.8-2.4
Serum Uric Acid (Uricase, UV)	3.8	mg/dL	2.6-6.0
Serum Phosphorus (Phosphomolybdate Reduction)	3.9	mg/dL	2.6-4.7

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Collected On : 25/03/2023 01:32 PM Received On : 25/03/2023 02:36 PM Reported On : 25/03/2023 03:09 PM

Barcode : R12303250124 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Hexokinase)	90	mg/dL	Normal: 70-139 Pre Diabetes: 140-199 Diabetes: => 200 ADA standards 2017

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Collected On : 25/03/2023 10:50 AM Received On : 25/03/2023 12:26 PM Reported On : 25/03/2023 01:38 PM

Barcode : R22303250023 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

SEROLOGY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Chemiluminescence)	2.46	nmol/L	1.49-2.6
Thyroxine (T4) (Chemiluminescence)	10.1	ug/dl	4.5-12.0
TSH (Thyroid Stimulating Hormone) (Chemiluminescence)	1.931	μIU/mL	0.49-4.67

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Collected On : 25/03/2023 01:32 PM Received On : 25/03/2023 02:56 PM Reported On : 25/03/2023 04:12 PM

Barcode : R72303250043 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Post Prandial)	<20	-

--End of Report--



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Collected On : 25/03/2023 10:50 AM Received On : 25/03/2023 11:12 AM Reported On : 25/03/2023 01:10 PM

Barcode : R72303250027 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8093578495

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY

PHYSICAL EXAMINATION

Volume	40	ml	-
Colour	Straw	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction) (pH Indicator Method)	6.0	-	4.8-7.5
Sp. Gravity (Automated)	1.010	-	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 : Ms Aasthu Kumari MRN : 17530000234011 Gender/Age : FEMALE , 23y (16/08/1999)

Pus Cells	1-2/h.p.f	-	-
RBC	Nil	-	-
Epithelial Cells	3-4/h.p.f	-	-
Crystals	Nil	-	-
Casts	Nil	-	-
Bacteria	Nil	-	-
Yeast Cells	Nil	-	-
Mucus	Nil	-	-
Others	Nil	-	-
Urine For Sugar (Fasting)	<20	-	-

--End of Report--



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Consultant Pathologist

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Patient Name	Aasthu Kumari	Requested By	Dr. Santosh Gupta
MRN	17530000234011	Procedure DateTime	2023-03-25 14:50:49
Age/Sex	23Y 7M / Female	Hospital	NH Jamshedpur

USG WHOLE ABDOMEN

LIVER -

Size: Normal in size, 12.7 cm in cranio-caudal length.

Echotexture: Normal, 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 (8.4 cm) & echotexture.

KIDNEYS:-

Right kidney:

Size: Normal, 10.5 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

Left kidney:

Size: Normal, 9.8 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

No hydronephrosis or calculus seen on either side.

URINARY BLADDER: Well distended, echofree.

UTERUS: Anteverted, normal in size (6.6 x 3.6 cm). Endometrium is central & normal in thickness. Myometrium is homogenous. Cervix is normal in thickness.

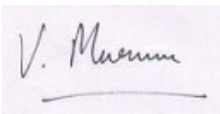
OVARIES: Normal in size & echotexture

RO: 2.3 cm in bipolar length. LO: 2.7 cm in bipolar length.

FREE FLUID: Nil

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

IMPRESSION: Normal Study.

A handwritten signature in black ink on a light purple background. The signature reads "V. Murmu" and is underlined with a single horizontal line.

Dr Violet Murmu MD.
Sr.Consultant Radiologist

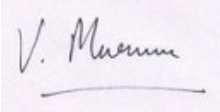
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Patient Name	Aasthu Kumari	Requested By	Dr. Santosh Gupta
MRN	17530000234011	Procedure DateTime	2023-03-25 15:27:55
Age/Sex	23Y 7M / Female	Hospital	NH Jamshedpur

X-RAY CHEST (PA VIEW)

No parenchymal lesion seen in lung fields.
CP angles are clear.
Cardiac shadow is within normal limit.
Visualized bones & soft tissue appears normal.

IMPRESSION: Normal study.



Dr Violet Murmu MD.
Sr.Consultant Radiologist

This is a digitally signed valid document. Reported Date/Time: 2023-03-25 15:31:31