

**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Ms Rekha Sahoo MRN : 17650000254795 Gender/Age : FEMALE , 46y (01/06/1977)

Collected On : 14/10/2023 10:36 AM Received On : 14/10/2023 11:59 AM Reported On : 15/10/2023 12:29 PM

Barcode : J42310140004 Specimen : Urine Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8629936859

**CLINICAL PATHOLOGY**

Test	Result	Unit	Biological Reference Interval
Urine For Sugar	Absent	-	-

**URINE ROUTINE & MICROSCOPY**

**PHYSICAL EXAMINATION**

Volume	60	ml	-
Colour	Pale Yellow	-	-
Appearance	Slight Hazy	-	-

**CHEMICAL EXAMINATION**

pH(Reaction)	6.5	-	4.8-7.5
Sp. Gravity	1.015	-	1.002-1.030
Protein	Absent	-	-
Urine Glucose	Absent	-	Negative
Ketone Bodies	Absent	-	-
Bile Salts	Absent	-	Negative
Bile Pigment (Bilirubin)	Absent	-	Negative
Urobilinogen	Normal	-	-
Urine Leucocyte Esterase	Absent	-	-
Blood Urine	Absent	-	Negative
Nitrite	Absent	-	Negative

**Narayana Superspeciality Hospital**

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Email: info.nshhowrah@narayanahealth.org | www.narayanahealth.org



Appointments  
**180-0309-0309 (Toll Free)**

Emergencies  
**83348 30003**

Patient Name : Ms Rekha Sahoo MRN : 17650000254795 Gender/Age : FEMALE , 46y (01/06/1977)

### MICROSCOPIC EXAMINATION

Pus Cells	2-4	/hpf	0 - 2
RBC	Not Found	-	0 - 3
Epithelial Cells	1-2	/hpf	-
Crystals	Not Found	-	-
Casts	Not Found	-	-
Bacteria	Not Found	-	-

--End of Report--



Dr. Smita Priyam  
MBBS, MD, Pathology  
REGISTRAR

### Note

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Casts	Not Found	-	-
Bacteria	Not Found	-	-

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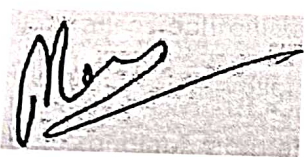
Emergencies  
**83348 30003**

<b>Patient Name</b>	Rekha Sahoo	<b>Requested By</b>	EXTERNAL
<b>MRN</b>	17650000254795	<b>Procedure DateTime</b>	2023-10-14 11:54:29
<b>Age/Sex</b>	46Y 4M / Female	<b>Hospital</b>	NH-NMH & NSH

**X-RAY CHEST PA VIEW**

Bilateral lung fields appear normal.  
Bilateral costophrenic angles are unremarkable.  
Bilateral hila and vascular markings are unremarkable.  
Domes of diaphragm are normal in morphology and contour.  
Cardiac size is within normal limits.  
Bony thoracic cage appears normal.

Not for medico legal purpose. This is only a Radiological Impression and not Diagnosis. Like all diagnostic modalities, X-ray Scan also has its limitations. Therefore, X-ray Scan report should be interpreted in correlation with clinical and pathological findings. In case of any discrepancy in report due to machine or typing error kindly get it rectified immediately. All typing and topographical error is regretted and if detected at any time is correctable. Please inform us immediately. Undisplaced fractures may be overlooked on Plain x-ray examination, further evaluation with CT or other relevant investigation may be recommended if there is clinical suspicion.



Dr Manish Kumar Jha  
MD Radio Diagnosis  
Consultant Radiologist

This is a digitally signed valid document. Reported Date/Time: 2023-10-16 08:34:27



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Barcode : L12310140002 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8629936859

**NARAYANA SUPERSPECIALITY HOSPITAL BLOOD CENTRE**

Test	Result	Unit
<b>BLOOD GROUP &amp; RH TYPING</b>		
Blood Group	B	-
RH Typing	Positive	-

--End of Report--



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Barcode : J32310140013 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8629936859

**IMMONOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>THYROID PROFILE (T3, T4, TSH)</b>			
Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence Immunoassay (CLIA))	1.49	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence Immunoassay (CLIA))	<b>13.4 H</b>	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence Immunoassay (CLIA))	3.259	µIU/mL	Non Pregnant Euthyroid: 0.4001-4.049 Pregnancy: 1st Trimester: 0.1298-3.120 2nd Trimester: 0.2749-2.652 3rd Trimester: 0.3127-2.947

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MBBS, MD, Biochemistry  
Consultant

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Barcode : J12310140117 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8629936859

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>FASTING BLOOD GLUCOSE (FBG)</b> (Glucose Oxidase, Peroxidase)	91	mg/dL	Both: Normal: 70-99 Both: Pre-diabetes: 100-125 Both: Diabetes: => 126 ADA standards 2019

--End of Report--



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Barcode : J22310140098 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8629936859

**HAEMATOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>COMPLETE BLOOD COUNT (CBC)</b>			
Haemoglobin (Hb%) (sodium Lauryl Sulphate (SLS) Method)	12.4	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.43	millions/ $\mu$ L	3.8-4.8
PCV (Packed Cell Volume) / Hematocrit (Calculated)	38.8	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Derived)	87.5	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	27.9	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	31.9	%	31.5-34.5
Red Cell Distribution Width (RDW)	<b>15.6 H</b>	%	11.6-14.0
Platelet Count (Electrical Impedance)	207	Thous/Cumm	150.0-400.0
Mean Platelet Volume (MPV)	10.4	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	8.7	-	4.0-10.0
<b>DIFFERENTIAL COUNT (DC)</b>			
Neutrophils	62.3	%	40.0-75.0
Lymphocytes (Fluorescent Flow Cytometry)	29.4	%	20.0-40.0
Monocytes (Fluorescent Flow Cytometry)	6.7	%	2.0-10.0
Eosinophils (Fluorescent Flow Cytometry)	1.1	%	1.0-6.0

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Basophils (Fluorescent Flow Cytometry)	0.5	%	0.0-2.0
Absolute Neutrophil Count	5.42	-	-
Absolute Lymphocyte Count	2.56	-	-
Absolute Monocyte Count	0.58	-	-
Absolute Eosinophil Count	0.1	-	-
Absolute Basophil Count	0.04	-	-

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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Collected On : 14/10/2023 02:12 PM Received On : 14/10/2023 02:13 PM Reported On : 14/10/2023 04:02 PM

Barcode : J12310140174 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8629936859

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>POST PRANDIAL BLOOD GLUCOSE (PPBG)</b> (Glucose Oxidase, Peroxidase)	103	mg/dL	Normal: 70-139 Pre-diabetes: 140-199 Diabetes: => 200 ADA standards 2019

**Interpretations:**

(ADA Standards Jan 2017)

PPBS can be less than FBS in certain conditions like post prandial reactive hypoglycaemia, exaggerated response to insulin, subclinical hypothyroidism, very lean/anxious individuals. In non-diabetic individuals, such patients can be followed up with GTT.

--End of Report--



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Barcode : J22310140097 Specimen : Whole Blood - ESR Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8629936859

**HAEMATOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>Erythrocyte Sedimentation Rate (ESR)</b> (Modified Westergren Method)	<b>32 H</b>	mm/1hr	0.0-12.0

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Barcode : J12310140118 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8629936859

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
<b>HBA1C</b>			
HbA1c (HPLC)	5.9 H	%	Both: Normal: 4.0-5.6 Both: Prediabetes: 5.7-6.4 Both: Diabetes: => 6.5 ADA standards 2019 (Carpenter/ Coustan)
Estimated Average Glucose	122.63	-	-

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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Barcode : J12310140116 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8629936859

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>SERUM CREATININE</b>			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.71	mg/dL	0.52-1.04
eGFR (Calculated By MDRD Formula)	88.7	mL/min/1.73m <sup>2</sup>	Indicative for renal impairment: <60 Note: eGFR is inaccurate for Hemodynamically unstable patients . eGFR is not applicable for less than 18 years of age .
<b>Blood Urea Nitrogen (BUN)</b> (Endpoint /Colorimetric - Urease)	7.00	mg/dL	7.0-17.0
<b>Serum Sodium</b> (Direct ISE - Potentiometric)	139	mmol/L	137.0-145.0
<b>Serum Potassium</b> (Direct ISE - Potentiometric)	4.1	mmol/L	3.5-5.1
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	182	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides	90	mg/dL	Both: Normal: < 150 Both: Borderline: 150-199 Both: High: 200-499 Both: Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	65 H	mg/dL	40.0-60.0
Non-HDL Cholesterol	117	-	-
LDL Cholesterol (Colorimetric)	100.98 H	mg/dL	Both: Optimal: < 100 Both: Near to above optimal: 100-129 Both: Borderline High: 130-159 Both: High: 160-189 Both: Very High: > 190

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VLDL Cholesterol (Calculated)	18	mg/dL	0.0-40.0
Cholesterol /HDL Ratio	2.8	-	-


**LIVER FUNCTION TEST(LFT)**

Bilirubin Total (Colorimetric -Diazo Method)	0.7	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Calculated)	0.1	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect)	0.6	-	-
Total Protein (Colorimetric - Biuret Method)	7.8	g/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.4	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.4	g/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.29	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	25	U/L	14.0-36.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	22	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	61	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide ( Szasz Method))	21	U/L	12.0-43.0

--End of Report--



Dr. Ritu Priya  
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Age: 46 Years  
Gender: Female

2023-10-14 11:06:43

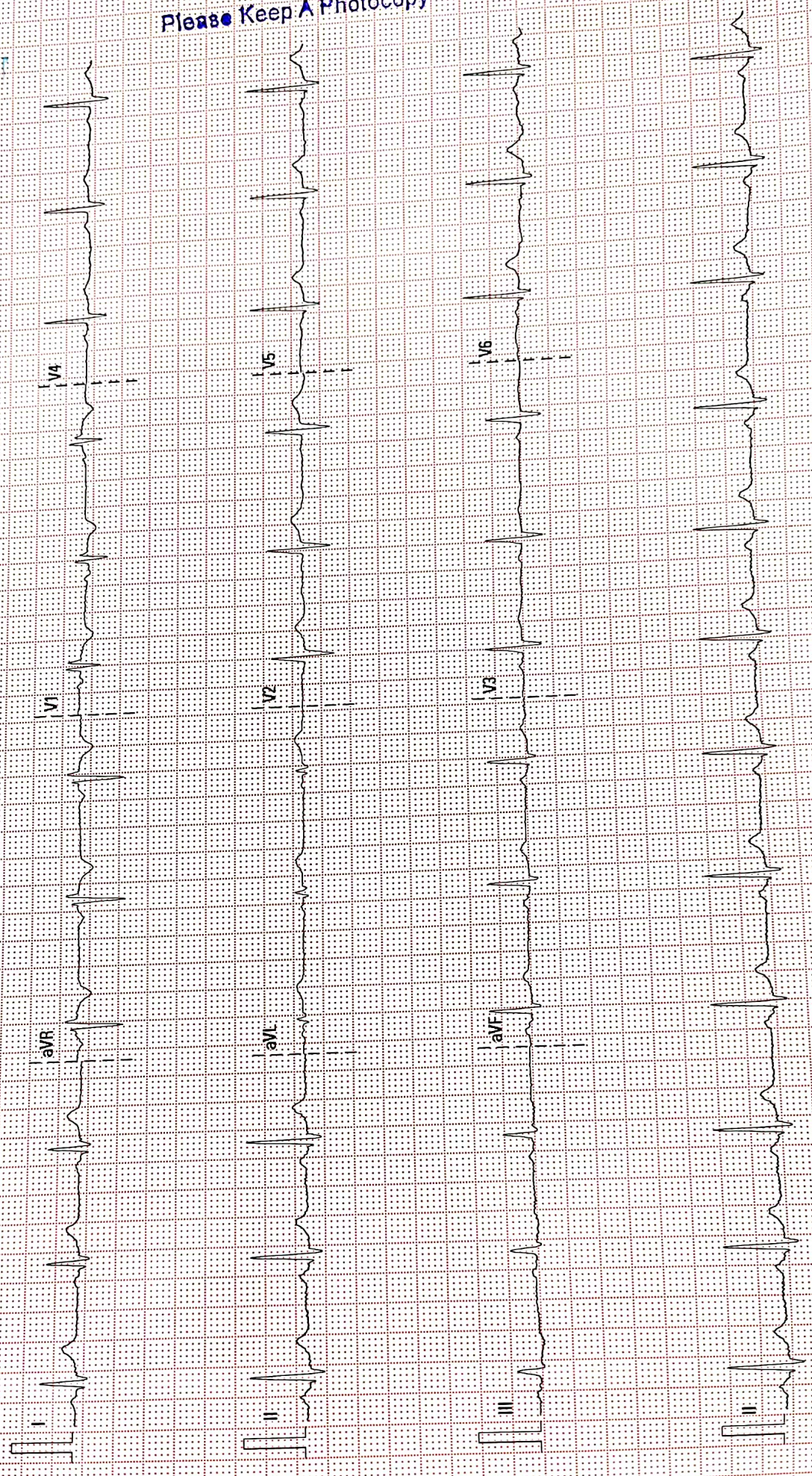
Vent. Rate 70 bpm  
PR Interval 146 ms  
QRS Duration 94 ms  
QT/QTc Interval 362/380 ms  
P/QRS/T Axes 60/64/31 deg  
QTc Hodges

Sinus rhythm  
Anterior T wave abnormality is nonspecific  
Borderline ECG

Unconfirmed Diagnosis

PLEASE CORRELATE CLINICALLY

Please Keep A Photocopy



Patient details:  
Name: MRS. REKHA SAHOO  
Age: 46 YEARS  
Examination Date: 14.10.2023  
Consultant Name: DR.

MRN: 17650000254795  
Gender: FEMALE  
Processed Date: 14.10.2023  
Patient Location: OPD

**ECHOCARDIOGRAPHY REPORT**

**MEASUREMENT:**

AO: 24 (20-40) mm	LVID(d): 46 (36-52) mm	IVS(d): 11 (6-11) mm
LA: 32 (19-40) mm	LVID(s): 27 (23-39) mm	PWd: 10 (6-11) mm
RVOT: 20 mm	TAPSE: 25 mm	LVEF ~ 63 %

**VALVES:**

Mitral Valve : Normal  
Aortic Valve : Normal  
Tricuspid Valve : Normal  
Pulmonary Valve: Normal

**CHAMBERS (Dimension)**

Left Atrium : Normal  
Right Atrium : Normal  
Left Ventricle : Normal  
Right Ventricle : Normal

**SEPTAL**

IVS : Intact  
IAS : Intact

**GREAT ARTERIES:**

Aorta : Normal  
Pulmonary Artery: Normal



**PATIENT HELPLINE**  
**1800-309-0303**

Meridian Medical Research & Hospital  
Narayana Superspeciality Hospital

(CIN NO: U85110W81995PLC077120/1, Andul Road, Howrah-711001)

(Junction of 2nd Hooghly Bridge & Andul Road)  
Tel: 033-71200000

info.nshhowrah@narayanahealth.org, www.narayanahealth.org

**DOPPLER DATA:**

	Velocity(in m/s)	Peak PG(mmHg)	Mean PG(mmHg)	Regurgitation
Mitral	E - 0.6 , A - 0.8			Trivial
Aortic	1.1	5.6		0/4
Tricuspid	1.8	13		Trivial
Pulmonary	1.0	4.0		0/4

**LVOT** : No significant gradient noted.

**Vegetation/Thrombus:** Nil

**Pericardium** : Normal

**Other Findings** : E/E':10

**Final Diagnosis:**

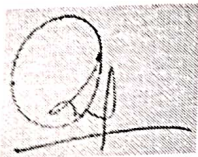
Normal sized cardiac chambers.  
No significant regional wall motion abnormality of LV at rest.  
Normal LV systolic function. LV EF~ 63%  
Gr-I Diastolic dysfunction of LV.

Clinical correlation please.

NOTE: Echo of Patient: MRS.REKHA SAHOO

MRN: 17650000254795

has been done on 14.10.2023 and reported on 14.10.2023



**DR. SHAMICK SAHA**  
Junior consultant

**TECHNICIAN**  
YADAV

TB: K. DEB



**PATIENT HELP**

**1800-309-0**

Meridian Medical Research & Hospital  
Narayana Superspeciality Hospital

(CIN NO: U85110W81995PLCC)

120/1, Andul Road, Howrah-

(Junction of 2nd Hooghly Bridge & Andul Road)

Tel: 033-71

info.nshhowrah@narayanahealth.org, www.narayanahealth.org

<b>Patient Name</b>	Rekha Sahoo	<b>Requested By</b>	EXTERNAL
<b>MRN</b>	17650000254795	<b>Procedure DateTime</b>	2023-10-14 12:19:23
<b>Age/Sex</b>	46Y 4M / Female	<b>Hospital</b>	NH-NMH & NSH

**USG WHOLE ABDOMEN (Screening)**

**OBSERVATIONS:**

**Liver:** Normal in size (12.4 cm), shape and outline. Parenchymal echotexture normal. No focal cystic or solid mass lesion. No intrahepatic biliary dilatation. Intrahepatic portion of IVC is normal. Porta hepatis is normal.

**Gall Bladder:** Wall thickness is normal. Luminal echoes are normal. No calculi. No pericholecystic fluid seen.

**Portal Vein:** It appears normal. It measures 12.1 mm.

**CBD:** Not dilated. It measures 4.4 mm.

**Pancreas:** Parenchymal echotexture normal. MPD appears normal. No focal lesion.

**Spleen:** Normal in size (8.5 cm) with normal echotexture. No focal or diffuse lesion.

**Kidneys:**

Right kidney measures 10.6 cm.

Left kidney measures 10.0 cm.

Bilateral kidneys are normal in size, shape and outline. Parenchymal texture normal. Corticomedullary differentiation is well made out and is normal. Sinus echoes are normal. No hydronephrosis / calculus seen in both kidneys.

**Urinary Bladder:** Wall thickness normal. Luminal echoes normal. No calculi.

**Uterus:** Anteverted. It measures 7.5 x 6.8 x 11.4 cm. **Bulky in size. Multiple fibroids, largest measuring 4 x 4.5 cm are seen in anterior myometrium.** Endometrial echoes are normal. ET measures 4 mm.

Cervix appears normal.

**Both Ovaries:**

Right ovary volume ~ 6.4 cc

Left ovary volume ~ 6 cc.

Both ovaries are normal in size, shape and echo pattern.

- No free fluid in POD.



**PATIENT HELPLINE**  
1800-309-0309

**IMPRESSION:**

**Present study shows:**

- **Multiple uterine fibroids with bulky uterus.**

*Not for medico legal purpose. Like all diagnostic modalities, USG also has its limitations. Therefore USG report should be interpreted in correlation with clinical and pathological findings. All typing and topographical error is regretted and if detected at any time is correctable. Please inform us immediately.*



Dr. Angshuman Gupta  
MBBS, MD(Radiodiagnosis)  
Junior Consultant Radiologist  
Reg No : 81273 (WBMC)

This is a digitally signed valid document. Reported Date/Time: 2023-10-14 14:04:10

Page 2 of 2



**PATIENT HELPLINE**  
**1800-309-0309**

Meridian Medical Research & Hospital Lt  
Narayana Superspeciality Hospital  
(CIN NO: U85110W81995PLC07144  
120/1, Andul Road, Howrah-711 1  
(Junction of 2nd Hooghly Bridge & Andul Road)  
Tel: 033-712050

info.nshhowrah@narayanahealth.org, www.narayanahealth.org