

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Rajesh Kumar MRN : 17530000239264 Gender/Age : MALE , 32y (15/02/1991)

Collected On : 08/07/2023 10:07 AM Received On : 08/07/2023 10:51 AM Reported On : 08/07/2023 12:14 PM

Barcode : RB2307080007 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7906435024

BLOOD BANK

Test	Result	Unit
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BLOOD GROUP & RH TYPING

Blood Group	"B"	-
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RH Typing	Positive	-
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--End of Report--



Dr. Mohit Pradhan
MBBS, MD Pathology
Consultant Pathologist

Note

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- Results relate to the sample only.
- Kindly correlate clinically.



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Collected On : 08/07/2023 10:07 AM Received On : 08/07/2023 10:51 AM Reported On : 08/07/2023 11:34 AM

Barcode : R42307080046 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7906435024

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	14.53	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	5.03	million/ μ l	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	43.5	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	86.5	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.9	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.4	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	13.6	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	189	Thousand / μ L	150.0-450.0
Mean Platelet Volume (MPV)	12.37 H	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	5.52	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	69 H	%	35.0-66.0
Lymphocytes (VCS Technology Plus Microscopy)	27	%	24.0-44.0
Monocytes (VCS Technology Plus Microscopy)	01 L	%	3.0-6.0
Eosinophils (VCS Technology Plus Microscopy)	03	%	0.0-3.0



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Basophils (VCS Technology Plus Microscopy)	00	%	0.0-1.0
Absolute Neutrophil Count	3.81	-	-
Absolute Lymphocyte Count	1.49	-	-
Absolute Monocyte Count	0.06	-	-
Absolute Eosinophil Count	0.17	-	-

--End of Report--



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ID: 17530000239264
Name: MR RAJESH KUMAR
Age: 32 Years
Gender: Male

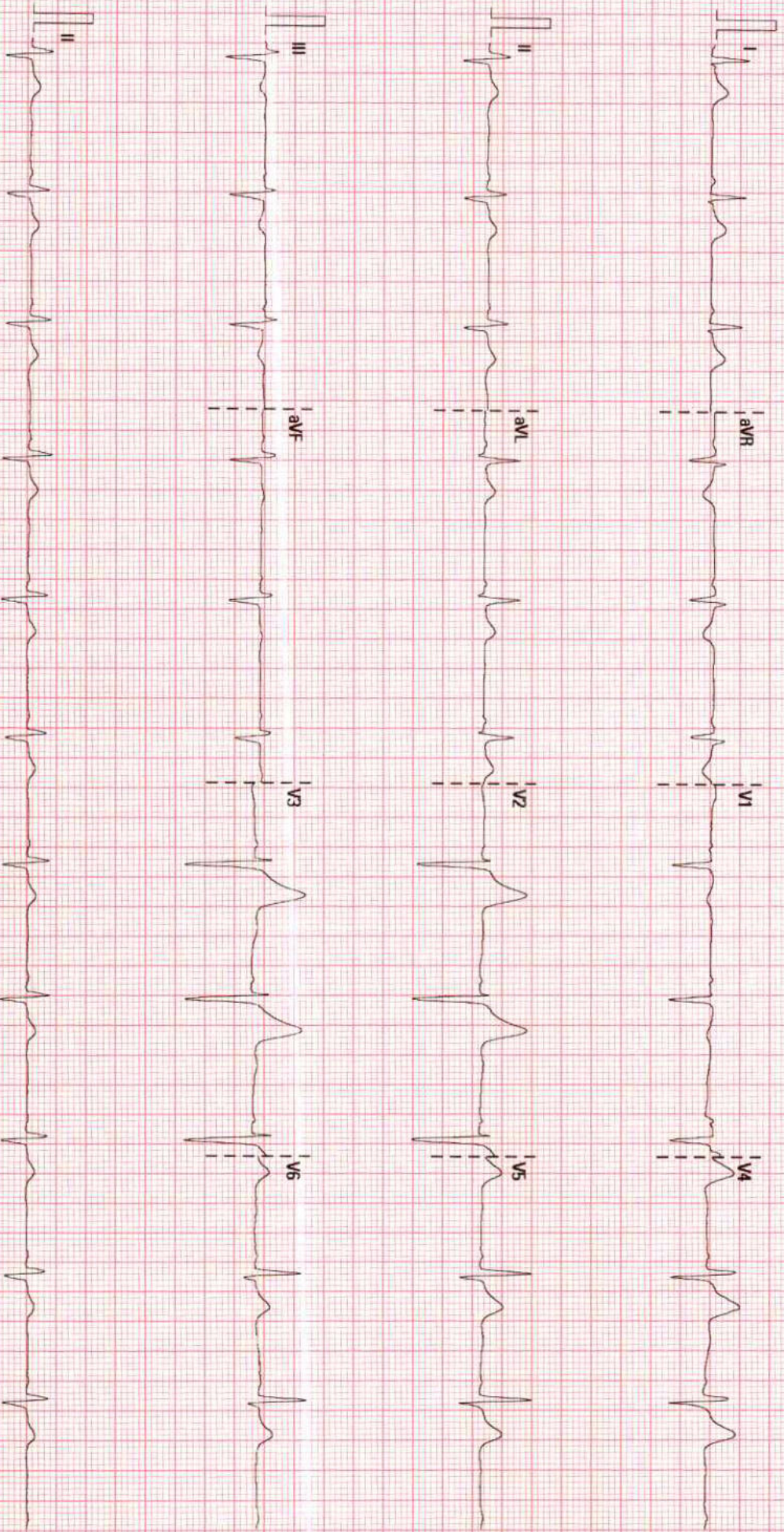
2023-07-08 12:57:58

Vent Rate 66 bpm
PR Interval 118 ms
QRS Duration 88 ms
QT/QTc Interval 366/377 ms
P/QRS/T Axes 0/33/3 deg
QTcHodges

Sinus rhythm
Possible left anterior fascicular block
Inferior T wave abnormality is nonspecific

Borderline ECG

Unconfirmed Diagnosis



25 mm/s

10 mm/mV

50 Hz

BDR 35 Hz

BNH_JAMSHEDPUR

02.07.00/V28.4.1

SN:FM-83011126

DEPARTMENT OF NON INVASIVE CARDIOLOGY

Report of Echocardiography/colour Doppler studies

Patient MRN : 17530000239264	Report Date : .08.07.2023
Patients Name : Mr Rajesh Kumar	
Age/Sex : 32Yrs / male	

DATA (all values in cms):

Aortic Root	2.5	LV end-diastolic diameter	4.3
Left atrium	3.0	LV Post-wall thickness	0.9
Right Ventricle/ RA		LV end-systolic diameter	2.7
Ventricular septum	0.9	LV Ejection fraction	65%

IMPRESSION:

- Left ventricle : No RWMA**
Normal size LV cavity
Normal LV systolic function with 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 – 1.2m/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)

DEPARTMENT OF LABORATORY MEDICINE

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Patient Name : Mr Rajesh Kumar MRN : 17530000239264 Gender/Age : MALE , 32y (15/02/1991)

Collected On : 08/07/2023 10:07 AM Received On : 08/07/2023 10:49 AM Reported On : 08/07/2023 11:59 AM

Barcode : R42307080047 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7906435024

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	02	mm/hr	0.0-10.0

--End of Report--



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Patient Name : Mr Rajesh Kumar MRN : 17530000239264 Gender/Age : MALE , 32y (15/02/1991)

Collected On : 08/07/2023 10:07 AM Received On : 08/07/2023 11:07 AM Reported On : 08/07/2023 11:43 AM

Barcode : R12307080064 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7906435024

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Hexokinase)	89	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)

--End of Report--



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Collected On : 08/07/2023 10:07 AM Received On : 08/07/2023 10:58 AM Reported On : 08/07/2023 11:45 AM

Barcode : R12307080066 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7906435024

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	4.0	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	68.1	%	-

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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Patient Name : Mr Rajesh Kumar MRN : 17530000239264 Gender/Age : MALE , 32y (15/02/1991)

Collected On : 08/07/2023 10:07 AM Received On : 08/07/2023 11:11 AM Reported On : 08/07/2023 11:46 AM

Barcode : R12307080065 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7906435024

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
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LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)

Cholesterol Total (Cholesterol Oxidase/Peroxidase)	156	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
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Triglycerides (LPL/GK)	186 H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
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HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	37 L	mg/dL	40.0-60.0
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Non-HDL Cholesterol	119	-	-
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LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	82	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
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VLDL Cholesterol (Calculated)	37.2	mg/dL	<40.0
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Cholesterol /HDL Ratio (Calculated)	4.2	-	<4.5
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LIVER FUNCTION TEST(LFT)

Bilirubin Total (Caffeine Benzoate)	1.04 H	mg/dL	0.2-1.0
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Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.48 H	mg/dL	0.0-0.2
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Unconjugated Bilirubin (Indirect)	0.56	mg/dL	0.0-1.1
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Total Protein (Colorimetric - Biuret Method)	8.97 H	gm/dL	6.4-8.2
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Serum Albumin (Bromocresol Purple Dye Binding)	5.39 H	gm/dL	3.4-5.0
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Serum Globulin (Calculated)	3.6 H	gm/dL	2.0-3.5
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Patient Name : Mr Rajesh Kumar MRN : 17530000239264 Gender/Age : MALE , 32y (15/02/1991)

Albumin To Globulin (A/G)Ratio (Calculated)	1.5	-	1.0-2.1
SGOT (AST) (UV With Pyridoxal-5-phosphate)	28	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	40	U/L	16.0-63.0
Alkaline Phosphatase (ALP) (AMP Buffer)	119 H	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	23	U/L	15.0-85.0

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (Hexokinase)	87	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)
Blood Urea Nitrogen (BUN) (Urease, UV)	11.61	mg/dL	7.0-20.0

SERUM CREATININE

Serum Creatinine (Jaffe's Kinetic IDMS)	0.91	mg/dL	0.9-1.3
eGFR (Calculated)	96.6	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)	138.21	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.45	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	103.04	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	29	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	9.50	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	2.08	mg/dL	1.8-2.4
Serum Uric Acid (Uricase, UV)	6.2	mg/dL	3.5-7.2
Serum Phosphorus (Phosphomolybdate Reduction)	3.5	mg/dL	2.6-4.7

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Collected On : 08/07/2023 10:07 AM Received On : 08/07/2023 12:11 PM Reported On : 08/07/2023 02:48 PM

Barcode : R72307080013 Specimen : Stool Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 7906435024

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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STOOL ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Colour	Brown	-	-
Consistency	Semi Solid	-	NORMAL
Mucus	Absent	-	-
Blood	Absent	-	Absent

CHEMICAL EXAMINATION

Stool For Occult Blood (Standard Guaiac Method)	Negative	-	-
Reaction	Acidic	-	-
Reducing Substances	Absent	-	-
Others	Nil	-	-

MICROSCOPE EXAMINATION

Ova	Not Seen	-	-
Cyst Of Protozoa	Not Seen	-	-
Trophozoite	Not Seen	-	-
Red Blood Cells (Stool)	Ni	-	-
Pus Cells	2-4/hpf	/hpf	0-2/hpf
Starch	Nil	-	-

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Epithelial Cells	Nil	-	-
Veg Cells	Present (+)	-	-
Fat	Nil	-	-
Larvae	Nil	-	-
Bacteria	Nil	-	-

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MBBS, MD Pathology
Consultant Pathologist

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Patient Name	Rajesh Kumar	Requested By	Dr. Santosh Gupta
MRN	17530000239264	Procedure DateTime	2023-07-08 17:22:02
Age/Sex	32Y 4M / Male	Hospital	NH Jamshedpur

USG WHOLE ABDOMEN

LIVER -

Size: Normal in size, 14.6 cm in cranio-caudal length.

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

IHBD: Nil

Portal vein: Normal in caliber.

GB: Partially distended (post prandial status).

CBD: Normal in caliber.

PANCREAS: Normal in size & echotexture.

SPLEEN: Borderline enlarged (12.1 cm) & normal in echotexture.

KIDNEYS:-

Right kidney:

Size: Normal, 11 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

Left kidney:

Size: Normal, 10.7 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.

PROSTATE: Normal in size (11.5 cc in volume). Echotexture is normal. Simple cyst of size 7.4 mm is seen in prostate.

FREE FLUID: Nil.

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

IMPRESSION:

1. Grade-I fatty change in liver.
2. Borderline splenomegaly.
3. Simple midline prostatic cyst.



Dr Shashi Bhushan Kumar
Consultant Radiologist

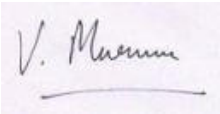
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Patient Name	Rajesh Kumar	Requested By	Dr. Santosh Gupta
MRN	17530000239264	Procedure DateTime	2023-07-08 13:31:11
Age/Sex	32Y 4M / Male	Hospital	NH Jamshedpur

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: 2023-07-08 13:36:57