

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Rajesh Kumar MRN : 17530000245377 Gender/Age : MALE , 34y (01/01/1989)

Collected On : 14/10/2023 09:00 AM Received On : 14/10/2023 09:01 AM Reported On : 14/10/2023 02:06 PM

Barcode : RB2310140007 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

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

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



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 Barcode : R42310140038 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)
 Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	14.25	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.77	million/ μ l	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	44.3	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	92.8	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	29.9	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	32.2	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	12.9	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	200	Thousand / μ L	150.0-450.0
Mean Platelet Volume (MPV)	12.42 H	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	8.41	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	61	%	35.0-66.0
Lymphocytes (VCS Technology Plus Microscopy)	35	%	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

NH Brahmananda Narayana Multispeciality Hospital

(A Unit of Narayana Hrudayalaya Limited) CIN: L85110KA2000PLC027497

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

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



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7654-824-365

Patient Name : Mr Rajesh Kumar MRN : 17530000245377 Gender/Age : MALE , 34y (01/01/1989)

Basophils (VCS Technology Plus Microscopy)	00	%	0.0-1.0
Absolute Neutrophil Count	5.13	-	-
Absolute Lymphocyte Count	2.94	-	-
Absolute Monocyte Count	0.08	-	-
Absolute Eosinophil Count	0.25	-	-

--End of Report--



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Consultant Pathologist

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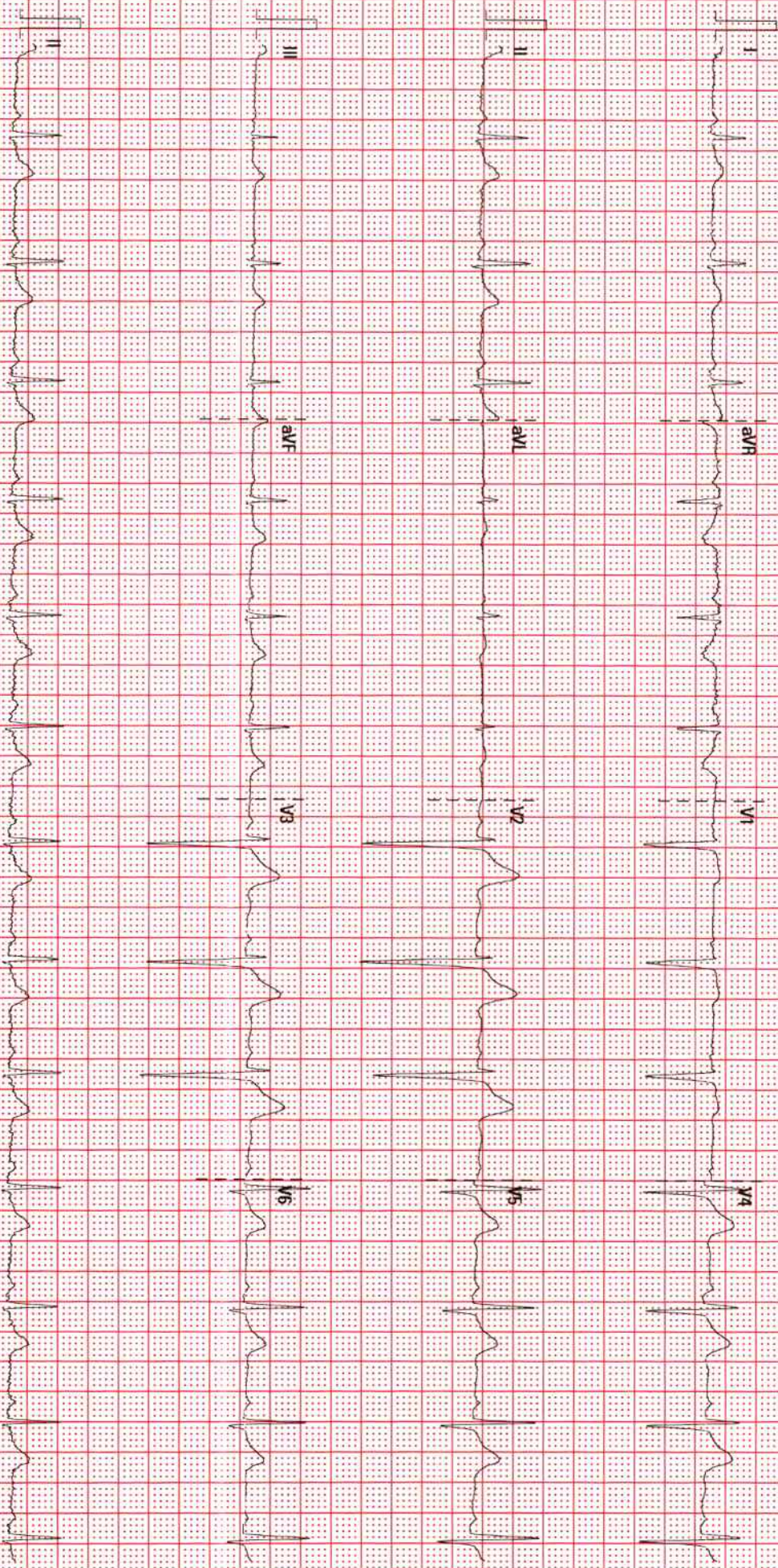
ID: 1753000245337
Name: MR RAJESH KUMAR
Age: 34 Years
Gender: Male

2023-10-14 10:16:29

Ventl Rate: 78 bpm
PR Interval: 138 ms
QRS Duration: 86 ms
QT/QTc Interval: 370/402 ms
P/QRS/T Axes: 31/50/60 deg
Dif: chodges

Sinus rhythm
Normal ECG

Unconfirmed Diagnosis



25 mm/s

10 mm/mV

50 Hz

88875 Hz

RAJESH KUMAR

02/27/00/V28 A.1

SN-FM-83011126

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Collected On : 14/10/2023 09:00 AM Received On : 14/10/2023 09:01 AM Reported On : 14/10/2023 11:32 AM

Barcode : R42310140039 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	25 H	mm/hr	0.0-10.0

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Collected On : 14/10/2023 09:00 AM Received On : 14/10/2023 09:01 AM Reported On : 14/10/2023 12:38 PM

Barcode : R12310140050 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
FASTING BLOOD GLUCOSE (FBG) (Hexokinase)	126 H	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)

--End of Report--



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Collected On : 14/10/2023 09:00 AM Received On : 14/10/2023 09:01 AM Reported On : 14/10/2023 11:57 AM

Barcode : R12310140052 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	6.2 H	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	131.24	%	-

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 : 14/10/2023 09:00 AM Received On : 14/10/2023 09:01 AM Reported On : 14/10/2023 12:38 PM

Barcode : R12310140051 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase/Peroxidase)	217 H	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
Triglycerides (LPL/GK)	417 H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	27 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	190	-	-
LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	107 H	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	83	mg/dL	<40.0
Cholesterol /HDL Ratio (Calculated)	8 H	-	<4.5
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Caffeine Benzoate)	0.69	mg/dL	0.2-1.0
Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.51 H	mg/dL	0.0-0.2
Unconjugated Bilirubin (Indirect)	0.18	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	8.01	gm/dL	6.4-8.2
Serum Albumin (Bromocresol Purple Dye Binding)	4.69	gm/dL	3.4-5.0
Serum Globulin (Calculated)	3.3	gm/dL	2.0-3.5

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Albumin To Globulin (A/G)Ratio (Calculated)	1.4	-	1.0-2.1
SGOT (AST) (UV With Pyridoxal-5-phosphate)	42 H	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	67 H	U/L	16.0-63.0
Alkaline Phosphatase (ALP) (AMP Buffer)	119 H	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	95 H	U/L	15.0-85.0

RENAL PACKAGE - 2 (RFT FASTING)

FASTING BLOOD GLUCOSE (FBG) (Hexokinase)	127 H	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)
Blood Urea Nitrogen (BUN) (Urease, UV)	12.91	mg/dL	7.0-20.0

SERUM CREATININE

Serum Creatinine (Jaffe's Kinetic IDMS)	0.69 L	mg/dL	0.9-1.3
eGFR (Calculated)	131.3	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)	139.88	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.38	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	100.88	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	26	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	9.81	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	1.93	mg/dL	1.8-2.4
Serum Uric Acid (Uricase, UV)	7.3 H	mg/dL	3.5-7.2
Serum Phosphorus (Phosphomolybdate Reduction)	4.5	mg/dL	2.6-4.7

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Collected On : 14/10/2023 09:00 AM Received On : 14/10/2023 12:11 PM Reported On : 14/10/2023 12:59 PM

Barcode : R12310140053 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
POST PRANDIAL BLOOD GLUCOSE (PPBG) (Hexokinase)	182 H	mg/dL	Normal: 70-139 Pre Diabetes: 140-199 Diabetes: => 200 ADA standards 2017

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Collected On : 14/10/2023 09:00 AM Received On : 14/10/2023 09:01 AM Reported On : 14/10/2023 11:43 AM

Barcode : R22310140008 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

SEROLOGY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Chemiluminescence)	2.13	nmol/L	1.49-2.6
Thyroxine (T4) (Chemiluminescence)	9.16	ug/dl	4.5-12.0
TSH (Thyroid Stimulating Hormone) (Chemiluminescence)	2.812	μIU/mL	0.49-4.67

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Collected On : 14/10/2023 09:00 AM Received On : 14/10/2023 09:48 AM Reported On : 14/10/2023 02:09 PM

Barcode : R72310140014 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

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)	6.0	-	4.8-7.5
Sp. Gravity (Automated)	1.030	-	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

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

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Collected On : 14/10/2023 09:00 AM Received On : 14/10/2023 12:24 PM Reported On : 14/10/2023 02:09 PM

Barcode : R72310140016 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9015046785

CLINICAL PATHOLOGY

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

--End of Report--



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Patient Name	Rajesh Kumar	Requested By	Dr. Santosh Gupta
MRN	17530000245377	Procedure DateTime	2023-10-14 14:41:24
Age/Sex	34Y 9M / Male	Hospital	NH Jamshedpur

USG WHOLE ABDOMEN

LIVER -

Size: Mildly enlarged, 16.4 cm in cranio-caudal length.

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

IHBD: Nil

Portal vein: Normal in caliber.

GB: Collapsed.

CBD: Normal in caliber.

PANCREAS: Normal in size & echotexture.

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

KIDNEYS:-

Right kidney:

Size: Normal, 10.7 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.

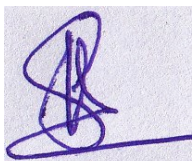
URINARY BLADDER: Well distended, echofree.

PROSTATE: Normal in size (19.2 cc in volume). Echotexture is normal.

FREE FLUID: Nil.

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

IMPRESSION: Mild hepatomegaly with Grade-II fatty change.



Dr Shashi Bhushan Kumar
Consultant Radiologist

This is a digitally signed valid document. Reported Date/Time: 2023-10-14 14:52:00

Patient Name	Rajesh Kumar	Requested By	Dr. Santosh Gupta
MRN	17530000245377	Procedure Date Time	14-10-2023 10:08
Age/Sex	34Y 9M/Male	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 Girish D, DMRD, DNB
Associate Consultant

* **This is a digitally signed valid document.** Reported Date/Time: 14-10-2023 13:48