

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr VIJAY PRAKASH JHA MRN : 17530000119097 Gender/Age : MALE , 47y (02/12/1975)

Collected On : 01/03/2023 09:39 AM Received On : 01/03/2023 11:08 AM Reported On : 01/03/2023 02:34 PM

Barcode : R12303010076 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase/Peroxidase)	199	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
Triglycerides (LPL/GK)	248 H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	37 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	162	-	-
LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	112 H	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	49.6 H	mg/dL	<40.0
Cholesterol /HDL Ratio (Calculated)	5.4 H	-	<4.5
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Caffeine Benzoate)	0.47	mg/dL	0.2-1.0
Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.05	mg/dL	0.0-0.2
Unconjugated Bilirubin (Indirect)	0.42	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	7.69	gm/dL	6.4-8.2
Serum Albumin (Bromocresol Purple Dye Binding)	4.13	gm/dL	3.4-5.0
Serum Globulin (Calculated)	3.6 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)	31	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	38	U/L	16.0-63.0
Alkaline Phosphatase (ALP) (AMP Buffer)	116	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	20	U/L	15.0-85.0

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (Hexokinase)	97	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)
Blood Urea Nitrogen (BUN) (Urease, UV)	6.06 L	mg/dL	7.0-20.0

SERUM CREATININE

Serum Creatinine (Jaffe's Kinetic IDMS)	0.90	mg/dL	0.9-1.3
eGFR (Calculated)	90.5	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)	140.79	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.82	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	106.94	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	23	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	8.86	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	1.91	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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--End of Report--



Dr. Rashmi Singh
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 : 01/03/2023 11:28 AM Received On : 01/03/2023 11:32 AM Reported On : 01/03/2023 02:05 PM

Barcode : RB2303010005 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

BLOOD BANK

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

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 Barcode : R42303010059 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)
 Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	15.72	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	5.20	million/ μ l	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	46.9	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	90.2	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	30.2	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.5	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	12.7	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	227.6	Thousand / μ L	150.0-450.0
Mean Platelet Volume (MPV)	9.47	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	7.07	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)	24	%	24.0-44.0
Monocytes (VCS Technology Plus Microscopy)	01 L	%	3.0-6.0
Eosinophils (VCS Technology Plus Microscopy)	06 H	%	0.0-3.0



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Basophils (VCS Technology Plus Microscopy)	00	%	0.0-1.0
Absolute Neutrophil Count	4.88	-	-
Absolute Lymphocyte Count	1.7	-	-
Absolute Monocyte Count	0.07	-	-
Absolute Eosinophil Count	0.42	-	-
Absolute Basophil Count	0.02	-	-

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: 17530000119097
Name: MR VIJAY PRAKASH JHA
Age: 47 Years
Gender: Male

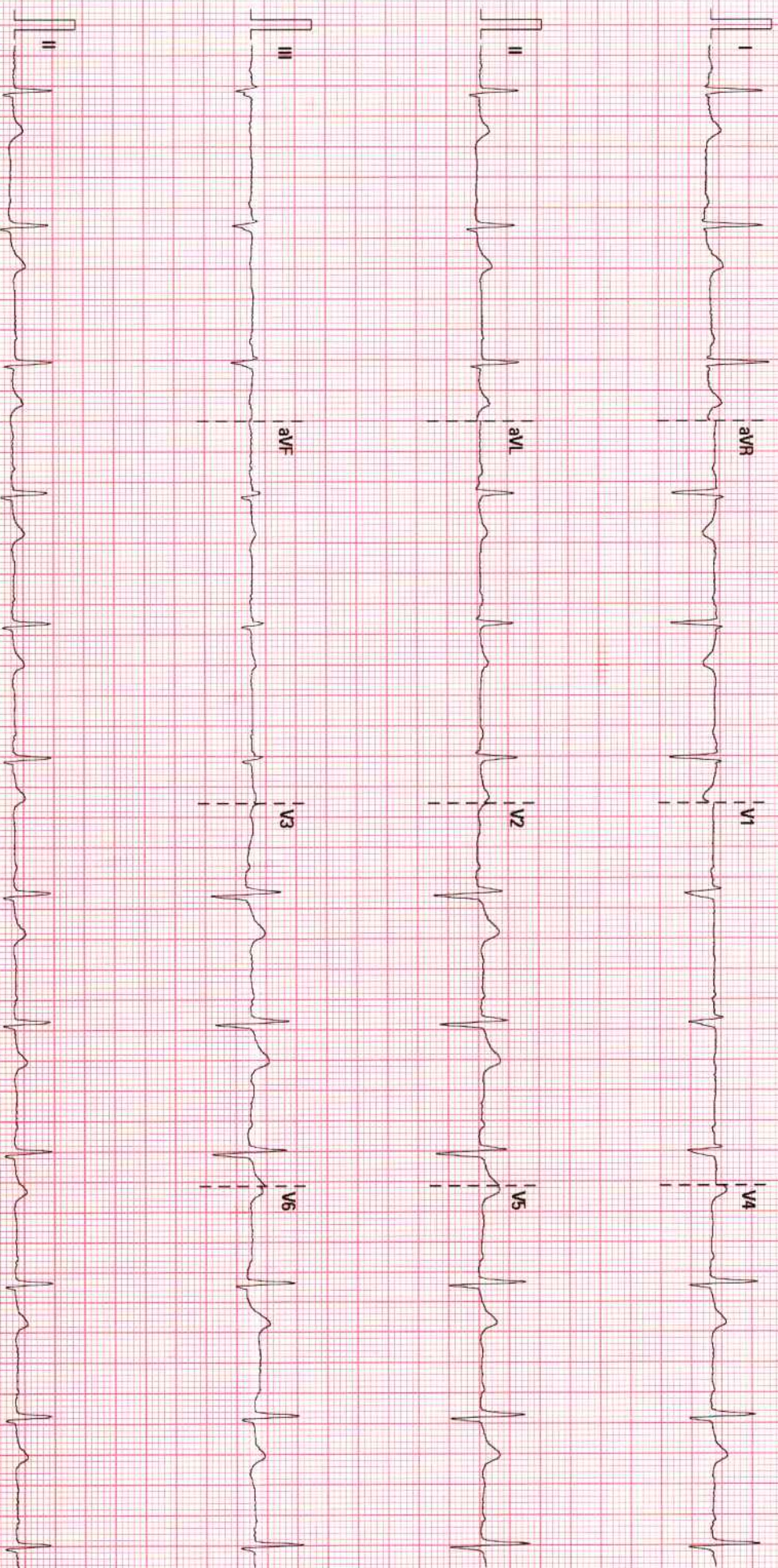
2023-03-01 11:37:29

Vent. Rate
PR Interval
QRS Duration
QT/QTc Interval
P/QRS/T Axes
QTc:Hodges

69 bpm
164 ms
86 ms
396/412 ms
-85/18 deg

Sinus rhythm
Normal ECG

Unconfirmed Diagnosis



25 mm/s

10 mm/mV

50 Hz

BDR 35 Hz

BMH, JAMSHEDPUR

02.07.00V29.4.1

SN.F.N.83011126

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Barcode : R42303010060 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	20 H	mm/hr	0.0-10.0

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Collected On : 01/03/2023 09:39 AM Received On : 01/03/2023 11:08 AM Reported On : 01/03/2023 02:34 PM

Barcode : R12303010075 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Hexokinase)	97	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)

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Collected On : 01/03/2023 09:39 AM Received On : 01/03/2023 11:32 AM Reported On : 01/03/2023 02:35 PM

Barcode : R12303010077 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	4.8	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	91.06	%	-

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.

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Patient Name : Mr VIJAY PRAKASH JHA MRN : 17530000119097 Gender/Age : MALE , 47y (02/12/1975)

Collected On : 01/03/2023 12:52 PM Received On : 01/03/2023 02:25 PM Reported On : 01/03/2023 03:07 PM

Barcode : R12303010131 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Hexokinase)	123	mg/dL	Normal: 70-139 Pre Diabetes: 140-199 Diabetes: => 200 ADA standards 2017

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Collected On : 01/03/2023 09:39 AM Received On : 01/03/2023 11:08 AM Reported On : 01/03/2023 02:03 PM

Barcode : R22303010019 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

SEROLOGY

Test	Result	Unit	Biological Reference Interval
Prostate Specific Antigen (PSA) (Chemiluminescence)	0.436	ng/mL	0.0-2.5

THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (Chemiluminescence)	2.12	nmol/L	1.49-2.6
Thyroxine (T4) (Chemiluminescence)	6.33	ug/dl	4.5-12.0
TSH (Thyroid Stimulating Hormone) (Chemiluminescence)	1.480	μIU/mL	0.49-4.67

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Collected On : 01/03/2023 09:39 AM Received On : 01/03/2023 11:32 AM Reported On : 01/03/2023 02:58 PM

Barcode : R72303010004 Specimen : Stool Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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STOOL ROUTINE EXAMINATION

PHYSICAL EXAMINATION

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

CHEMICAL EXAMINATION

Reaction	Acidic	-	-
Others	Coliform Organisms Present	-	-

MICROSCOPE EXAMINATION

Ova	Nil	-	-
Cyst Of Protozoa	Nil	-	-
Trophozoite	Nil	-	-
Red Blood Cells (Stool)	Nil	-	-
Pus Cells	2 - 3 /h.p.f	-	-
Veg Cells	Present (+)	-	-
Fat	Nil	-	-

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Larvae Nil - -

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Collected On : 01/03/2023 09:39 AM Received On : 01/03/2023 11:32 AM Reported On : 01/03/2023 03:21 PM

Barcode : R72303010003 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 8987574305

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)	5.0	-	4.8-7.5
Sp. Gravity (Automated)	1.025	-	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)	Ni	-	-
Blood Urine (Peroxidase Reaction)	Nil	-	-
Nitrite (Reaction With Diazonium Compound)	Nil	-	-

MICROSCOPIC EXAMINATION

Pus Cells	2 - 4 /h.p.f	-	-
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RBC	Nil	-	-
Epithelial Cells	0 - 2 /h.p.f	-	-
Crystals	Nil	-	-
Casts	Nil	-	-
Bacteria	Nil	-	-
Others	Nil	-	-
Urine For Sugar (Fasting)	Nil	-	-
Urine For Sugar (Post Prandial)	Nil	-	-

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Patient Name	VIJAY PRAKASH JHA	Requested By	Dr. Santosh Gupta
MRN	17530000119097	Procedure DateTime	2023-03-01 15:38:26
Age/Sex	47Y 2M / Male	Hospital	NH Jamshedpur

USG WHOLE ABDOMEN

LIVER -

Size: Mildly enlarged, 16 cm in cranio-caudal length.

Echotexture: Homogenously increased Grade-II, 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: Mildly enlarged (12.6 cm) & normal in echotexture.

KIDNEYS:-

Right kidney:

Size: Normal, 11.5 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

Left kidney:

Size: Normal, 11.7 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

No hydronephrosis or calculus seen on either side.

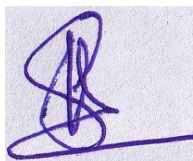
URINARY BLADDER: Partially distended, echofree.

PROSTATE: Normal in size (13.2 cc in volume). Echotexture is homogenous.

FREE FLUID: Nil.

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

IMPRESSION: Mild hepatosplenomegaly with Grade-II fatty change in liver.



Dr Shashi Bhushan Kumar
Consultant Radiologist

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Patient Name	VIJAY PRAKASH JHA	Requested By	Dr. Santosh Gupta
MRN	17530000119097	Procedure Date Time	01-03-2023 12:04
Age/Sex	47Y 2M/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 Arpita Sanikop
Junior Consultant

* **This is a digitally signed valid document.** Reported Date/Time: 01-03-2023 16:07