

**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr I. JAGDISH DORA MRN : 1753000022794 Gender/Age : MALE , 36y (25/07/1986)  
 Collected On : 25/02/2023 09:23 AM Received On : 25/02/2023 10:18 AM Reported On : 25/02/2023 11:39 AM  
 Barcode : R12302250045 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)  
 Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
Cholesterol Total (Cholesterol Oxidase/Peroxidase)	132	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
Triglycerides (LPL/GK)	<b>173 H</b>	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	<b>31 L</b>	mg/dL	40.0-60.0
Non-HDL Cholesterol	101	-	-
LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	66	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	34.6	mg/dL	<40.0
Cholesterol /HDL Ratio (Calculated)	4.3	-	<4.5

**LIVER FUNCTION TEST(LFT)**

Bilirubin Total (Caffeine Benzoate)	0.65	mg/dL	0.2-1.0
Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.02	mg/dL	0.0-0.2
Unconjugated Bilirubin (Indirect)	0.63	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	7.25	gm/dL	6.4-8.2
Serum Albumin (Bromocresol Purple Dye Binding)	4.27	gm/dL	3.4-5.0
Serum Globulin (Calculated)	3.0	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)	31	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	51	U/L	16.0-63.0
Alkaline Phosphatase (ALP) (AMP Buffer)	<b>150 H</b>	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	38	U/L	15.0-85.0

### RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (Hexokinase)	<b>128 H</b>	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)
Blood Urea Nitrogen (BUN) (Urease, UV)	9.34	mg/dL	7.0-20.0

### SERUM CREATININE

Serum Creatinine (Jaffe's Kinetic IDMS)	<b>0.85 L</b>	mg/dL	0.9-1.3
eGFR (Calculated)	102.0	mL/min/1.73m <sup>2</sup>	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)	140.89	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.78	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	105.32	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	26	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	9.26	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	<b>1.67 L</b>	mg/dL	1.8-2.4
Serum Uric Acid (Uricase, UV)	<b>7.3 H</b>	mg/dL	3.5-7.2
Serum Phosphorus (Phosphomolybdate Reduction)	4.1	mg/dL	2.6-4.7

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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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Patient Name : Mr I. JAGDISH DORA MRN : 17530000022794 Gender/Age : MALE , 36y (25/07/1986)

Collected On : 25/02/2023 09:23 AM Received On : 25/02/2023 09:58 AM Reported On : 25/02/2023 12:01 PM

Barcode : RB2302250005 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

**BLOOD BANK**

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

--End of Report--



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Final Report

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Collected On : 25/02/2023 09:23 AM Received On : 25/02/2023 09:58 AM Reported On : 25/02/2023 11:51 AM

Barcode : R42302250024 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

**HAEMATOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>COMPLETE BLOOD COUNT (CBC)</b>			
Haemoglobin (Hb%) (Photometric Measurement)	13.84	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.56	million/ $\mu$ l	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	41.0	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	89.9	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	30.4	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.8	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	13.6	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	182	Thousand / $\mu$ L	150.0-450.0
Mean Platelet Volume (MPV)	<b>12.59 H</b>	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	6.43	Thousand / $\mu$ L	4.0-10.0
<b>DIFFERENTIAL COUNT (DC)</b>			
Neutrophils (VCS Technology Plus Microscopy)	65	%	35.0-66.0
Lymphocytes (VCS Technology Plus Microscopy)	31	%	24.0-44.0
Monocytes (VCS Technology Plus Microscopy)	<b>01 L</b>	%	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	4.18	-	-
Absolute Lymphocyte Count	1.99	-	-
Absolute Monocyte Count	0.06	-	-
Absolute Eosinophil Count	0.19	-	-
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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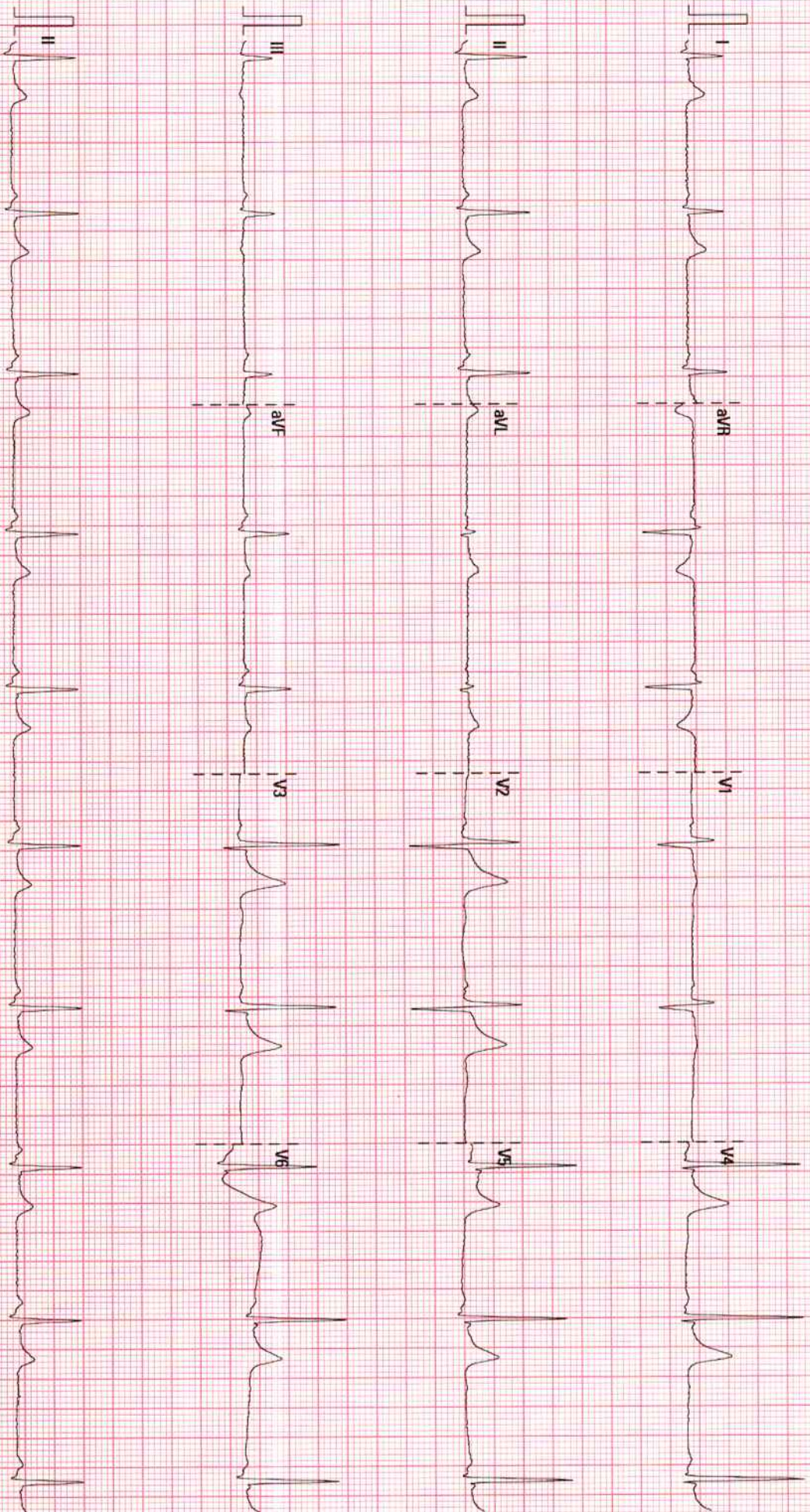


ID: 1753000022794  
Name: MR JAGDISH DORJA  
Age: 36 Years  
Gender: Male

2023-02-25 10:21:16

Vent. Rate	56 bpm	Sinus rhythm
PR Interval	136 ms	Normal ECG
QRS Duration	86 ms	
QT/QTc Interval	398/391 ms	
P/ORS/T1 Axes	69/56/25 deg	
QTc/hodges		

Unconfirmed Diagnosis



25 mm/s

10 mm/mV

50 Hz

BDR 35 Hz

BHR, JAMSHEDPUR

02.07.00.V28.4.1

SN.FN.83011126

**DEPARTMENT OF LABORATORY MEDICINE**

Final Report

Patient Name : Mr I . JAGDISH DORA MRN : 1753000022794 Gender/Age : MALE , 36y (25/07/1986)

Collected On : 25/02/2023 09:23 AM Received On : 25/02/2023 09:55 AM Reported On : 25/02/2023 11:51 AM

Barcode : R42302250025 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

**HAEMATOLOGY**

Test	Result	Unit	Biological Reference Interval
<b>Erythrocyte Sedimentation Rate (ESR)</b> (Westergren Method)	<b>12 H</b>	mm/hr	0.0-10.0

--End of Report--



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Patient Name : Mr I. JAGDISH DORA MRN : 1753000022794 Gender/Age : MALE , 36y (25/07/1986)

Collected On : 25/02/2023 09:23 AM Received On : 25/02/2023 10:12 AM Reported On : 25/02/2023 11:39 AM

Barcode : R12302250044 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
<b>Fasting Blood Sugar (FBS)</b> (Hexokinase)	<b>128 H</b>	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)

--End of Report--



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Collected On : 25/02/2023 09:23 AM Received On : 25/02/2023 10:22 AM Reported On : 25/02/2023 11:40 AM

Barcode : R12302250046 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
<b>HBA1C</b>			
HbA1c (HPLC NGSP Certified)	<b>7.2 H</b>	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	159.94	%	-

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 I. JAGDISH DORA MRN : 1753000022794 Gender/Age : MALE , 36y (25/07/1986)

Collected On : 25/02/2023 12:59 PM Received On : 25/02/2023 01:23 PM Reported On : 25/02/2023 03:02 PM

Barcode : R12302250111 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

**BIOCHEMISTRY**

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Hexokinase)	169 H	mg/dL	Normal: 70-139 Pre Diabetes: 140-199 Diabetes: => 200 ADA standards 2017

--End of Report--



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Collected On : 25/02/2023 09:23 AM Received On : 25/02/2023 10:18 AM Reported On : 25/02/2023 12:05 PM

Barcode : R22302250009 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

**SEROLOGY**

Test	Result	Unit	Biological Reference Interval
<b>THYROID PROFILE (T3, T4, TSH)</b>			
Tri Iodo Thyronine (T3) (Chemiluminescence)	1.88	nmol/L	1.49-2.6
Thyroxine (T4) (Chemiluminescence)	8.99	ug/dl	4.5-12.0
TSH (Thyroid Stimulating Hormone) (Chemiluminescence)	1.680	μIU/mL	0.49-4.67

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Collected On : 25/02/2023 12:59 PM Received On : 25/02/2023 01:19 PM Reported On : 25/02/2023 03:03 PM

Barcode : R72302250023 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

**CLINICAL PATHOLOGY**

Test	Result	Unit
Urine For Sugar (Post Prandial)	nil	-

--End of Report--



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Patient Name : Mr I. JAGDISH DORA MRN : 1753000022794 Gender/Age : MALE , 36y (25/07/1986)

Collected On : 25/02/2023 09:23 AM Received On : 25/02/2023 11:07 AM Reported On : 25/02/2023 01:23 PM

Barcode : R72302250008 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-004 Patient Mobile No : 91

**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)	1.015	-	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 : Mr I. JAGDISH DORA MRN : 1753000022794 Gender/Age : MALE , 36y (25/07/1986)

Pus Cells	2-4/hpf	/hpf	0-2/hpf
RBC	Nil	-	-
Epithelial Cells	0-2/hpf	-	-
Crystals	Nil	-	-
Casts	Nil	-	-
Bacteria	Nil	-	-
Yeast Cells	Nil	-	-
Others	Nil	-	-
<b>Urine For Sugar (Fasting)</b>	nil	-	-

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Consultant Pathologist

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<b>Patient Name</b>	I . JAGDISH DORA	<b>Requested By</b>	Dr. Santosh Gupta
<b>MRN</b>	17530000022794	<b>Procedure DateTime</b>	2023-02-25 12:07:35
<b>Age/Sex</b>	36Y 7M / Male	<b>Hospital</b>	NH Jamshedpur

### **USG WHOLE ABDOMEN**

LIVER -

Size: Mildly enlarged, 16.2 cm in cranio-caudal length.

Echotexture: Homogenously increased Grade-II, 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 (8.6 cm) & echotexture.

KIDNEYS:-

Right kidney:

Size: Normal, 9.7 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

Left kidney:

Size: Normal, 9.5 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 (13.8 cc in volume). Echotexture is homogenous.

FREE FLUID: Nil.

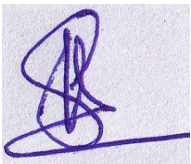
\*Visualized bowel loops appear normal, no significant lymphadenopathy seen.



\*Partial reducible umbilical hernia is seen (with a gap of size approx. 10 mm in caliber) containing parts of omental fat within in.

**IMPRESSION:**

1. Mild hepatomegaly with Grade-II fatty change.
2. Partial reducible umbilical hernia.



**Dr Shashi Bhushan Kumar**  
Consultant Radiologist

This is a digitally signed valid document. Reported Date/Time: 2023-02-25 12:12:28

<b>Patient Name</b>	I . JAGDISH DORA	<b>Requested By</b>	Dr. Santosh Gupta
<b>MRN</b>	17530000022794	<b>Procedure DateTime</b>	25-02-2023 09:42
<b>Age/Sex</b>	36Y 7M/Male	<b>Hospital</b>	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 Sivakanth Nalubolu  
Consultant Radiologist  
MBBS,MDRD

\* **This is a digitally signed valid document.** Reported Date/Time: 27-02-2023 10:16