

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Chhavi Gaurav MRN : 17530000245378 Gender/Age : FEMALE , 27y (07/11/1995)

Collected On : 14/10/2023 08:58 AM Received On : 14/10/2023 09:00 AM Reported On : 14/10/2023 02:06 PM

Barcode : RB2310140006 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

BLOOD BANK

Test	Result	Unit
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BLOOD GROUP & RH TYPING

Blood Group	"A"	-
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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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Collected On : 14/10/2023 08:58 AM Received On : 14/10/2023 09:00 AM Reported On : 14/10/2023 11:33 AM

Barcode : R42310140036 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	11.92 L	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.19	million/ μ l	3.8-4.8
PCV (Packed Cell Volume) / Hematocrit (Calculated)	38.8	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Derived)	92.5	fL	80.0-100.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.4	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	30.7 L	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	12.9	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	220	Thousand / μ L	150.0-450.0
Mean Platelet Volume (MPV)	12.03 H	fL	7.0-11.7
Total Leucocyte Count(WBC) (Electrical Impedance)	8.24	Thousand / μ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	60	%	35.0-66.0
Lymphocytes (VCS Technology Plus Microscopy)	38	%	24.0-44.0
Monocytes (VCS Technology Plus Microscopy)	01 L	%	3.0-6.0
Eosinophils (VCS Technology Plus Microscopy)	01	%	0.0-3.0

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Basophils (VCS Technology Plus Microscopy)	00	%	0.0-1.0
Absolute Neutrophil Count	4.94	-	-
Absolute Lymphocyte Count	3.13	-	-
Absolute Monocyte Count	0.08	-	-
Absolute Eosinophil Count	0.08	-	-

--End of Report--



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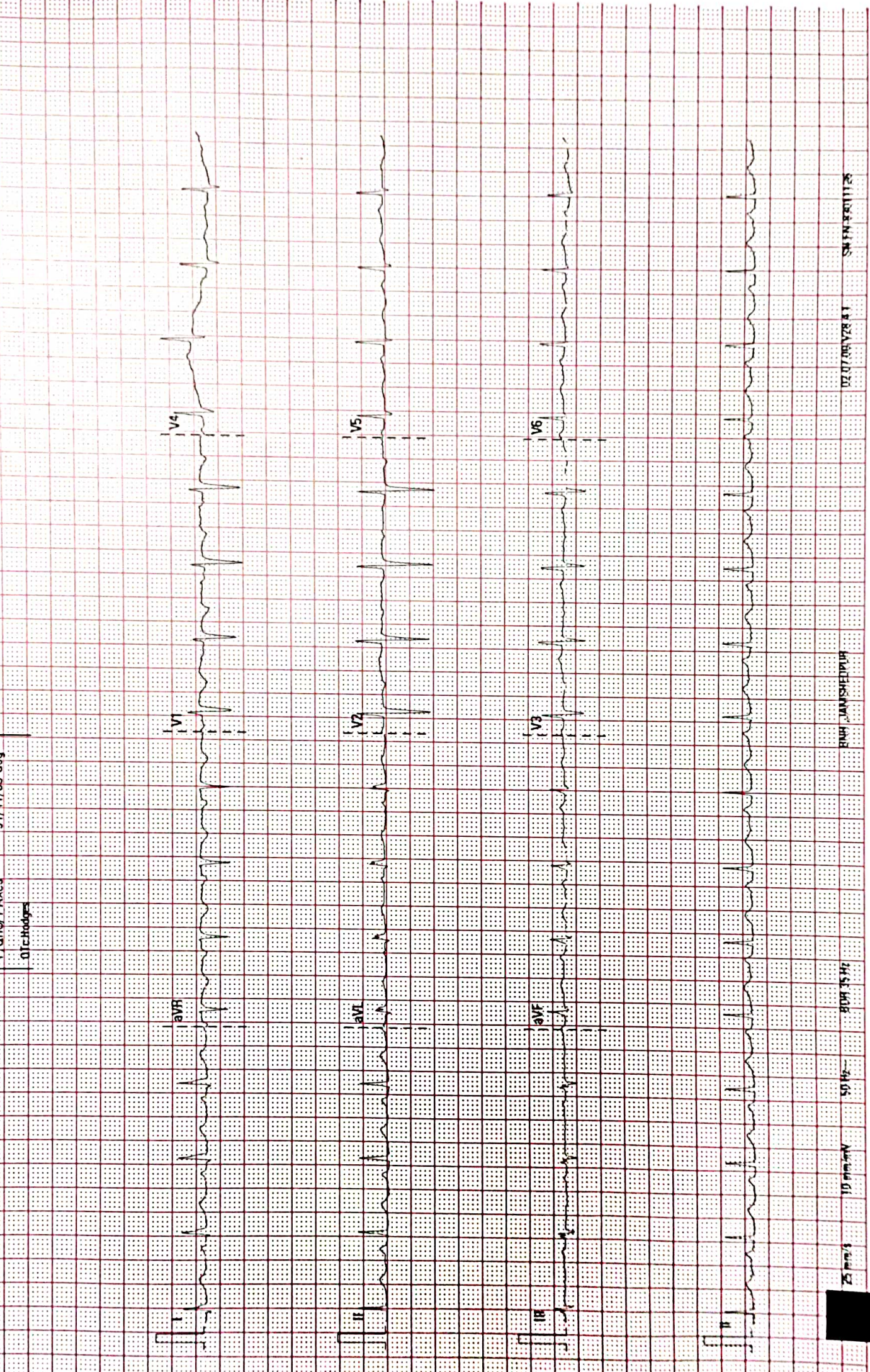


Unconfirmed Diagnosis

1753000245378	MS DHRHAVI GAURAN	27 Years	Female	96 bpm	Sinus rhythm
27 Years	Female	150 ms	96 bpm	Anterior T wave abnormality is borderline for age and gender	
Female		80 ms	150 ms	Borderline ECG	
		354/417 ms	80 ms		
		51/41/35 deg			

2023-10-14 10:12:21	96 bpm	Sinus rhythm
150 ms	Anterior T wave abnormality is borderline for age and gender	
80 ms	Borderline ECG	
354/417 ms		
51/41/35 deg		

96 bpm	Sinus rhythm
150 ms	Anterior T wave abnormality is borderline for age and gender
80 ms	Borderline ECG
354/417 ms	
51/41/35 deg	



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Collected On : 14/10/2023 08:58 AM Received On : 14/10/2023 09:00 AM Reported On : 14/10/2023 11:32 AM

Barcode : R42310140037 Specimen : Whole Blood - ESR Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

HAEMATOLOGY

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

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Collected On : 14/10/2023 08:58 AM Received On : 14/10/2023 09:00 AM Reported On : 14/10/2023 12:32 PM

Barcode : R12310140046 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
FASTING BLOOD GLUCOSE (FBG) (Hexokinase)	93	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 08:58 AM Received On : 14/10/2023 09:00 AM Reported On : 14/10/2023 11:56 AM

Barcode : R12310140048 Specimen : Whole Blood Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	4.6	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	85.32	%	-

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 08:58 AM Received On : 14/10/2023 09:00 AM Reported On : 14/10/2023 11:57 AM

Barcode : R12310140047 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Cholesterol Oxidase/Peroxidase)	220 H	mg/dL	Desirable: < 200 Borderline: 200-239 High: > 240
Triglycerides (LPL/GK)	180 H	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Dextran Sulphate/ PEG Cholesterol Esterase)	36 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	184	-	-
LDL Cholesterol (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	148 H	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	36	mg/dL	<40.0
Cholesterol /HDL Ratio (Calculated)	6.1 H	-	<4.5
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Caffeine Benzoate)	1.05 H	mg/dL	0.2-1.0
Conjugated Bilirubin (Direct) (Diazotised Sulphanilic Acid)	0.40 H	mg/dL	0.0-0.2
Unconjugated Bilirubin (Indirect)	0.65	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	7.87	gm/dL	6.4-8.2
Serum Albumin (Bromocresol Purple Dye Binding)	4.56	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)	33	U/L	15.0-37.0
SGPT (ALT) (UV With Pyridoxal-5-phosphate)	21	U/L	14.0-59.0
Alkaline Phosphatase (ALP) (AMP Buffer)	102	U/L	46.0-116.0
Gamma Glutamyl Transferase (GGT) (GCNA)	18	U/L	5.0-55.0

RENAL PACKAGE - 2 (RFT FASTING)

FASTING BLOOD GLUCOSE (FBG) (Hexokinase)	92	mg/dL	Normal: 70-99 Pre Diabetes: 100-125 Diabetes: => 126 (ADA Recommendation 2017)
Blood Urea Nitrogen (BUN) (Urease, UV)	9.19	mg/dL	7.0-20.0

SERUM CREATININE

Serum Creatinine (Jaffe's Kinetic IDMS)	0.65	mg/dL	0.6-1.1
eGFR (Calculated)	109.4	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)	141.27	mmol/L	136.0-145.0
Serum Potassium (Indirect IMT)	4.53	mmol/L	3.5-5.0
Serum Chloride (Indirect IMT)	105.29	mmol/L	98.0-107.0
Serum Bicarbonate Level (Enzymatic Method)	25	mmol/L	21.0-32.0
Serum Calcium (Cresol Complex)	9.40	mg/dL	8.5-10.1
Serum Magnesium (Methyl Thymol Blue Dye Binding)	2.02	mg/dL	1.8-2.4
Serum Uric Acid (Uricase, UV)	5.5	mg/dL	2.6-6.0
Serum Phosphorus (Phosphomolybdate Reduction)	3.2	mg/dL	2.6-4.7

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Collected On : 14/10/2023 08:58 AM Received On : 14/10/2023 12:11 PM Reported On : 14/10/2023 12:59 PM

Barcode : R12310140049 Specimen : Plasma Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
POST PRANDIAL BLOOD GLUCOSE (PPBG) (Hexokinase)	101	mg/dL	Normal: 70-139 Pre Diabetes: 140-199 Diabetes: => 200 ADA standards 2017

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Collected On : 14/10/2023 08:58 AM Received On : 14/10/2023 09:00 AM Reported On : 14/10/2023 11:43 AM

Barcode : R22310140007 Specimen : Serum Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

SEROLOGY

Test	Result	Unit	Biological Reference Interval
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (Chemiluminescence)	2.43	nmol/L	1.49-2.6
Thyroxine (T4) (Chemiluminescence)	12.1 H	ug/dl	4.5-12.0
TSH (Thyroid Stimulating Hormone) (Chemiluminescence)	4.258	μIU/mL	0.49-4.67

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Collected On : 14/10/2023 08:58 AM Received On : 14/10/2023 09:49 AM Reported On : 14/10/2023 02:09 PM

Barcode : R72310140011 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

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)	6.0	-	4.8-7.5
Sp. Gravity (Automated)	1.020	-	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 : Ms Chhavi Gaurav MRN : 17530000245378 Gender/Age : FEMALE , 27y (07/11/1995)

Pus Cells	2 - 3 /h.p.f	-	-
RBC	Nil	-	-
Epithelial Cells	2 - 4 /h.p.f	-	-
Crystals	Nil	-	-
Casts	Nil	-	-
Bacteria	Nil	-	-
Yeast Cells	Nil	-	-
Others	Nil	-	-
Urine For Sugar (Fasting)	<20	-	-

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Collected On : 14/10/2023 08:58 AM Received On : 14/10/2023 12:23 PM Reported On : 14/10/2023 02:09 PM

Barcode : R72310140013 Specimen : Urine Consultant : Dr. Santosh Gupta(CARDIOLOGY - ADULT)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9973996391

CLINICAL PATHOLOGY

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

--End of Report--



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Patient Name	Chhavi Gaurav	Requested By	Dr. Santosh Gupta
MRN	17530000245378	Procedure DateTime	2023-10-14 14:41:01
Age/Sex	27Y 11M / Female	Hospital	NH Jamshedpur

USG WHOLE ABDOMEN

LIVER -

Size: Normal in size, 13.8 cm in cranio-caudal length.

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

IHBD: Nil

Portal vein: Normal in caliber.

GB: Well distended, few calculi (largest of size 1.1 cm) are seen in the lumen. Echogenic sludge is also seen in the lumen. Wall is normal in thickness (2.3 mm).

CBD: Normal in caliber (3 mm). No intraluminal lesion is seen.

PANCREAS: Normal in size & echotexture.

SPLEEN: Normal in size (11 cm) & echotexture.

KIDNEYS:-

Right kidney:

Size: Normal, 10 cm in bipolar length.

Echotexture: Cortical echogenicity is normal, CMD is maintained.

Left kidney:

Size: Normal, 9.8 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.

UTERUS: Anteverted, normal in size (7.6 x 3.5 cm). Endometrium is central & normal in

thickness (4.9 mm). Myometrium is homogenous. Cervix is normal in thickness (23 mm).

OVARIES: Normal in size & echotexture

RO: Size, 2.9 cm in bipolar length with follicle of size 2 cm is seen.

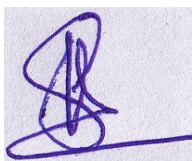
LO: Size, 2.4 cm in bipolar length.

FREE FLUID: Nil

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

IMPRESSION:

- Cholelithiasis. GB Sludge.
- Grade II fatty change in liver.



Dr Shashi Bhushan Kumar
Consultant Radiologist

This is a digitally signed valid document. Reported Date/Time: 2023-10-14 14:53:09

Patient Name	Chhavi Gaurav	Requested By	Dr. Santosh Gupta
MRN	17530000245378	Procedure Date Time	14-10-2023 10:10
Age/Sex	27Y 11M/Female	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