

LABORATORY INVESTIGATION REPORT

Patient Name : Mrs. VEENA KUMARI	Age/Sex : 39 years/Female
UHID : HPGH.106161	Order Date : 24/08/2024
Episode : OP	Mobile No : 7004949435
Ref. Doctor : Self	Facility : HP Ghosh Hospital
Address : DHARAMSHALA RANCHI , ,JHARKHAND,West Bengal ,0	

CLINICAL BIOCHEMISTRY

TEST NAME	RESULT	UNIT	BIO. REF. INT.
Sample No 07H0003881C	Collection Date 24/08/24 11:13	Ack Date 24/08/2024 11:54	Report Date 24/08/24 18:52

BUN
Sample Type- Serum

BUN	7	mg/dL	7 - 20
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Method - Calculated

UREA	14 ▼ (L)	mg/dL	17-43
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Method - GLDH, Kinetic Assay
Sample Type- Serum

Serum Creatinine	0.60	mg/dL	0.55 - 1.02
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Method - Enzymatic

Sample No 07H0003881B	Collection Date 24/08/24 11:13	Ack Date 24/08/2024 11:54	Report Date 24/08/24 18:49
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GLUCOSE FASTING
Sample Type- Fluoride Plasma

Glucose, Fasting	94	mg/dL	70 - 99
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Method - Hexokinase

Sample No 07H0003903C	Collection Date 24/08/24 13:59	Ack Date 24/08/2024 14:35	Report Date 24/08/24 18:49
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GLUCOSE PP
Sample Type- Fluoride Plasma

PPBS	138	mg/dL	70 - 140
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Method - Hexokinase

Sample No 07H0003881A	Collection Date 24/08/24 11:12	Ack Date 24/08/2024 11:54	Report Date 24/08/24 18:50
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HbA1C (Glycated Haemoglobin C)
Sample Type- EDTA Whole Blood

HbA1c	5.3	%	< 5.7
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Method - HPLC

Print DateTime: 26/08/2024

HB 36/A/2, Salt Lake Sector - III, PS - Bidhannagar South, Pincode - 700106

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Interpretation :

<18 years : Hemoglobin A1C criteria for diagnosing of diabetes have not been established for patients, who are <18 years of age or >18 years: Increased risk for diabetes (prediabetes): 5.7-6.4%

>Diabetes:

>or = 6.5%

Interpretive information based on Diagnosis and Classification of Diabetes Mellitus, American Diabetes Association.

Diagnosing diabetes: American Diabetes Association (ADA)

Normal Hemoglobin A1C (HbA1C): <5.7

Therapeutic goals for glycemic control (ADA)

•Adults :Goal of therapy : < 7.0% HbA1C

•Action suggested : > 8.0% HbA1C

•Pediatric patients :Toddlers and preschoolers: < 8.5% (but >7.5%) School age (6-12 years): < 8%

Adolescents and young adults (13-19 years): < 7.5%

Sample No	07H0003881C	Collection Date	24/08/24 11:13	Ack Date	24/08/2024 11:54	Report Date	24/08/24 18:50
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LIPID PROFILE

Total Cholesterol	111	mg/dL	< 200
<i>Method - CHOD-POD</i>			
Triglyceride	162 ▲ (H)	mg/dL	< 150
<i>Method - GPO-POD</i>			
HDL	38 ▼ (L)	mg/dL	40-60
<i>Method - Enzymatic Immunoinhibition</i>			
LDL	59	mg/dL	< 100
<i>Method - Enzymatic Selective Protection</i>			
VLDL Cholesterol	14	mg/dL	2-30
<i>Method - CALCULATED</i>			

LIVER FUNCTION TEST

<i>Sample Type- Serum</i>			
Total Bilirubin	0.36	mg/dL	0.3-1.2
<i>Method - DPD</i>			
BILIRUBIN DIRECT	0.07	mg/dL	< 0.2
<i>Method - DPD</i>			
Indirect Bilirubin	0.29	mg/dL	
<i>Method - CALCULATED</i>			
SGPT (ALT)	35 ▲ (H)	U/L	< 35
<i>Method - IFCC (without pyridoxal Phosphate Activation)</i>			

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SGOT (AST)	31	U/L	< 35
<i>Method - IFCC (without pyridoxal Phosphate Activation)</i>			
Alkaline Phosphatase	58	U/L	30 - 120
<i>Method - IFCC AMP Buffer</i>			
Total Protein	6.94	g/dL	6.6 - 8.3
<i>Method - Biuret</i>			
Albumin	4.07	g/dL	3.5 - 5.2
<i>Method - BCG</i>			
Globulin	2.87	g/dL	2-3.5
<i>Method - CALCULATED</i>			
A:G Ratio	1.4	-	1-2
<i>Method - CALCULATED</i>			
Gamma GT	16	U/L	< 38
<i>Method - IFCC</i>			
URIC ACID			
<i>Sample Type- Serum</i>			
URIC ACID	4.81	mg/dL	2.6-6.0
<i>Method - Uricase PAP</i>			

CLINICAL PATHOLOGY

TEST NAME	RESULT	UNIT	BIO. REF. INT.
Sample No 07H0003903E	Collection Date 24/08/24 13:59	Ack Date 24/08/2024 14:33	Report Date 25/08/24 14:35

URINARY SUGAR (PP)
Sample Type- Urine

Urinary sugar	7	mg/dL	N/A
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Sample No 07H0003899D	Collection Date 24/08/24 13:19	Ack Date 24/08/2024 13:46	Report Date 24/08/24 15:06
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URINE RE
Physical Examination

Volume	45	mL	
Colour	Pale Yellow		
Appearance	Clear		
Specific Gravity	1.015	-	1.016 - 1.022

Method - Automated Strip Test
Chemical Examination
Print DateTime: 26/08/2024

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Address	: DHARAMSHALA RANCHI , ,JHARKHAND,West Bengal ,0	Facility	: HP Ghosh Hospital

Reaction (pH)	6.0	4.8 - 7.4
Protein (Albumin)	Negative	Negative
Glucose	Negative	Negative
Ketone Body - Urine	Negative	Negative
Bile Pigment (Bilirubin)	Negative	Negative
Urobilinogen	Normal	Normal
Blood (Erythrocytes)	Negative	Negative
Leucocyte Esterase	Negative	Negative
Urine Nitrate	Negative	Negative

Microscopic Examination

RBC	NIL	/HPF	0 - 1
Epithelial Cells	2-3	/HPF	0 - 5
Pus Cells	1-2	/HPF	0 - 5
Casts	NIL	/LPF	
Crystals	NIL	/LPF	
Microorganism	NIL		
Others	Absent		

HAEMATOLOGY

TEST NAME	RESULT	UNIT	BIO. REF. INT.
Sample No	07H0003881A	Collection Date	24/08/24 11:12
Ack Date	24/08/2024 11:54	Report Date	24/08/24 14:07

BLOOD GROUPING AND Rh TYPING (EDTA whole blood/serum)

Sample Type- EDTA Whole Blood

BLOOD GROUP A
 Method - Tube Agglutination (Forward & Reverse)

Rh (D) Type POSITIVE
 Method - Tube Agglutination (Forward & Reverse)

NOTE :

Reconfirm the Blood Group & Rh Typing along with cross matching before blood transfusion.
 Recent blood transfusion, if any, may interfere with interpretation of blood grouping.
 The blood group and Rh antigen may change in the new born, hence please repeat the test after 6 months.
 Subgroups and Bombay blood group needs to be further verified.

CLINICAL BIOCHEMISTRY

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Sample No 07H0003881C Collection Date 24/08/24 11:13 Ack Date 24/08/2024 11:54 Report Date 24/08/24 19:47

Thyroid Profile 1 (T3, T4,TSH)

Sample Type- Serum

Thyroid Function Test (T3, T4 & TSH)

T3	0.89	ng/ml	0.87 - 1.78
<i>Method - Chemiluminescence Immunoassay (CLIA)</i>			
T4	15.42 ▲ (H)	ug/dL	6.09 - 12.23
<i>Method - Chemiluminescence Immunoassay (CLIA)</i>			
TSH (Ultra Sensitive)	2.671	uIU/ml	0.24-5.4
<i>Method - Chemiluminescence Immunoassay (CLIA)</i>			

LDL/HDL RATIO

Sample Type- Serum

LDL/HDL	1.5	-	< 2.5
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BUN/CREATININE RATIO

Sample Type- Serum

BUN/CREATININE RATIO	11.6		10 - 20
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Sample Type- Serum

Total Cholesterol	111	mg/dL	< 200
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Method - CHOD-POD

HDL	38	mg/dL	40-60
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Method - Enzymatic Immunoinhibition

Ratio	3 ▲ (H)	-	< 3.5
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Method - Calculated

HAEMATOLOGY

TEST NAME	RESULT	UNIT	BIQ. REF. INT.
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Sample No 07H0003881A Collection Date 24/08/24 11:12 Ack Date 24/08/2024 11:54 Report Date 24/08/24 20:58

Sample Type- EDTA Whole Blood

Haemoglobin	10.7 ▼ (L)	g/dL	12-15
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Method - Photometric Measurement

RBC Count	4.28	x10 ⁶ /ul	3.8-4.8
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Method - Coulter Principle

PCV	34.7 ▼ (L)	%	36 - 46
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Method - Calculated

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MCV	81.2 ▼ (L)	fl	83-101
<i>Method - Derived from RBC Histogram</i>			
MCH	24.9 ▼ (L)	pg	27-32
<i>Method - Calculated</i>			
MCHC	30.7 ▼ (L)	g/dL	31.5-34.5
<i>Method - Calculated</i>			
RDW - CV	14.1 ▲ (H)	%	11.6-14.0
<i>Method - Derived from RBC Histogram</i>			
WBC - TC	5.4	x10 ³ /uL	4-10
<i>Method - Coulter Principle</i>			
Differential Count			
Neutrophil	57	%	40 - 80
Lymphocyte	33	%	20 - 40
Monocyte	06	%	2 - 10
Eosinophil	04	%	1 - 6
Basophils	00	%	< 2
Platelets	179	x10 ³ /uL	150 - 450
<i>Method - Coulter Principle and Microscopy</i>			
ESR	30	mm/hr	< 35
<i>Method - Modified Westergren</i>			

CLINICAL PATHOLOGY

TEST NAME	RESULT	UNIT	BIO. REF. INT.
Sample No 07H0003889D	Collection Date 24/08/24 11:49	Ack Date 24/08/2024 15:43	Report Date 25/08/24 14:35

URINARY SUGAR (FASTING)
Sample Type- Urine

Urinary sugar	3	mg/dL	N/A
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CLINICAL BIOCHEMISTRY

TEST NAME	RESULT	UNIT	BIO. REF. INT.
Sample No 07H0003881C	Collection Date 24/08/24 11:13	Ack Date 24/08/2024 11:54	Report Date 24/08/24 18:50

AST/ALT RATIO (SGOT / SGPT)
Sample Type- Serum

(AST / ALT) Ratio	0.88	-	< 1
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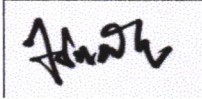
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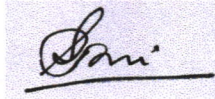
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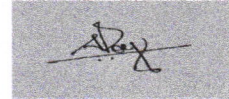
End of Report



Dr. Jaydip Nath ,
MBBS, MD (Pathology)
Consultant Pathologist
RegNo: 57882 - WBMC



Dr. Srijita Chaudhuri ,
MBBS, MD (Pathology)
Consultant Pathologist
RegNo: WBMC 65299



Dr. Asitava Roy ,
MBBS, MD (Biochemistry)
RegNo: 80284

Print DateTime: 26/08/2024

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Clinical OP Prescription

Patient Name : Mrs. VEENA KUMARI

UHID : HPGH.106161

Prescription No : OPCR430

Age/Sex : 39 Year(s) / Female

Doctor Name : Dr. Ophthal Check Up

Referred By : Self

Facility Name : HP Ghosh Hospital

Bill Date : 24-Aug-2024

Chief Complaints

Routine Check Up

Diagnosis

UAVA: RE: 6/6P, N6 LE: 6/6P, N6

BCVA: RE: 6/6, N6 LE: 6/6, N6

Glass Power: RE: -0.50DC x 90 LE: -0.50DC X 90

Colour Vision: BE: WNL(20/22)

Anterior Segment: BE: WNL

Posterior Segment : BE: Gross Ok

Advise

1. New glass (Single vision with ARC/Blue cut lens)

Instruction For Next Visit

After 1Yr

Signed by: Dr. Ophthal Check Up

Ophthalmology

Signed Date Time: 24-Aug-2024 12:56

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DIAGNOSTICS REPORT

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ULTRASOUND WHOLE ABDOMEN

Liver appears normal in size (approximately measuring 13.41 cm) and shape and **mild degree of diffuse fatty infiltration seen in hepatic parenchyma**. No focal parenchymal lesions identified. No evidence of intra/extrahepatic biliary tree dilatation noted.

Portal vein appears to be of normal size (approximately measuring 1.13 cm).

Gall bladder is operated. Gall bladder fossa is clear.

Common bile duct appears normal in size (approximately measuring 0.53 cm).

Spleen approximately measures 11.3 cm x 5.6 cm and appears normal in size, shape and echopattern. No focal parenchymal lesions identified.

Pancreas appears normal in size, shape and echopattern. No definite calcification or ductal dilatation noted.

Both kidneys appear normal in size, shape and echopattern. Corticomedullary differentiation appears maintained. No evidence of calculi or hydronephrosis seen on either side.

Right kidney approximately measures: 9.76 cm.

Left kidney approximately measures: 10.51 cm.

IVC, abdominal aorta and para aortic regions are normal.

No significant lymphnode enlargement identified.

Urinary bladder distended and appears normal. No evidence of abnormal wall thickening noted. No intraluminal mass / calculus noted.

Uterus anteverted and appears normal in size for age, approximately measuring 7.7 cm x 3.4 cm x 5.0 cm in size. Myometrial echoes appear normal. The endometrial lining appears intact. Endometrial thickness is 0.80 cm.

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Both ovaries appear normal in size and echopattern. Multiple small subcapsular follicles noted in both ovaries with raised stromal echogenicities. No dominant follicle noted in either ovary. Right ovary is located in pouch of douglas.

Right ovary approximately measures: 2.4 cm x 1.4 cm x 2.5 cm , 4.71 cc in volume.

Left ovary approximately measures: 2.5 cm x 2.1 cm x 2.5 cm, 7.14 cc in volume.

No evidence of ascites or pleural effusion seen.

Both iliac fossa appear normal.

IMPRESSION:

- **Grade-I fatty liver**
- **Polycystic ovaries (Mild form)**
- ***Clinico-hormonal correlation may be done.***

Advised clinical correlation & further necessary investigation.

Mansi Gupta

Dr. MANSI GUPTA
MBBS, DNB, FRCR(UK)

RegNo: WBMC-77167

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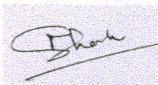
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DIAGNOSTICS REPORT

Patient Name	: Mrs. VEENA KUMARI	Order Date	: 24/08/2024 10:43
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ECG

DATA		
HEART RATE	81	Bpm
PR INTERVAL	134	Ms
QRS DURATION	72	Ms
QT INTERVAL	380	Ms
QTC INTERVAL	441	Ms
	AXIS	
P WAVE	65	Degree
QRS WAVE	19	Degree
T WAVE	23	Degree
IMPRESSION	:	Normal sinus rhythm within normal limits.



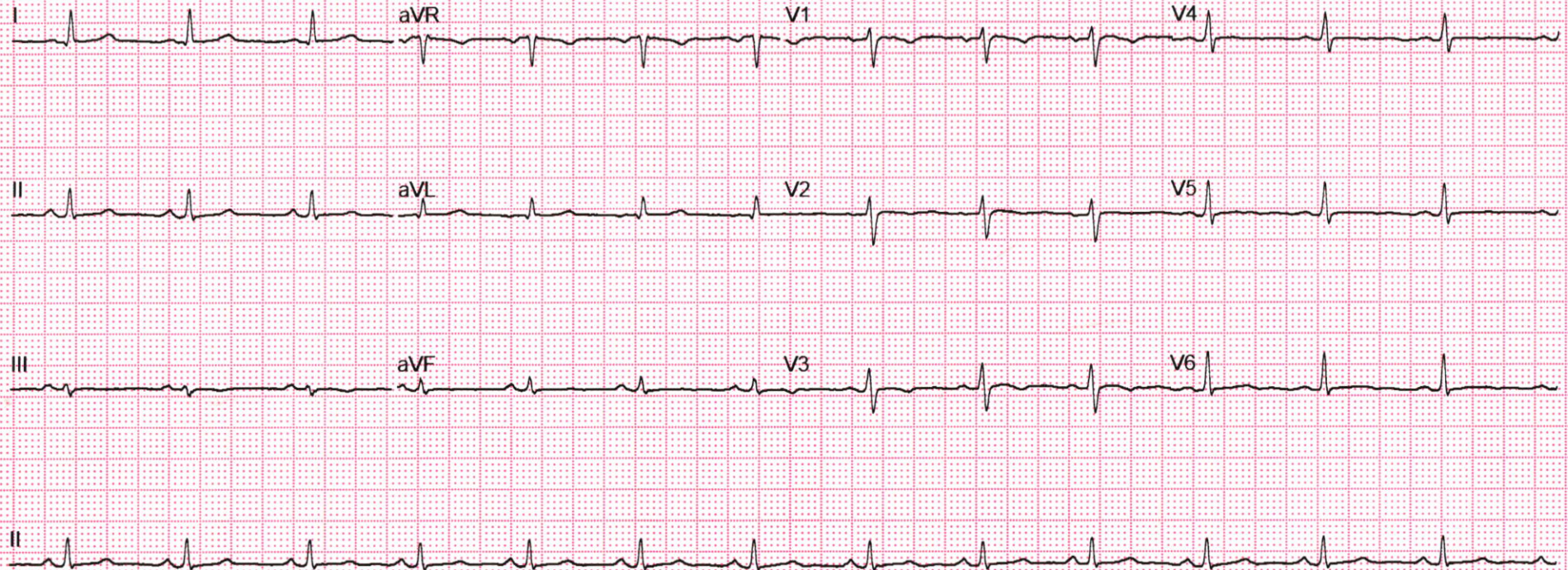
Dr. NILADRI GHOSH
MBBS, MD, DM (CARD)

Interventional Cardiologist

RegNo: 72968

39 Years
Female

QRS	72 ms
QT / QTcBaz	380 / 441 ms
PR	134 ms
P	86 ms
RR / PP	740 / 740 ms
P / QRS / T	65 / 19 / 23 degrees



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COMPUTERISED STRESS TEST (TMT)

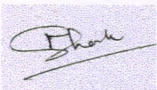
RESULTS:

The pre-exercise ECG was normal and there is no significant ST segment change. During peak exercise and recovery there was no significant ST segment change seen. Patient could exercise for 8 minutes of the Bruce protocol and achieved a work load of 9.2 Mets.

The patient attained a peak heart rate of 181 beats/minute which is 100% of the predicted maximum. The exercise was terminated owing to attainment of target heart rate and fatigue. There was no classical angina. Clinically the maximum blood pressure 160/90 mmHg and there was no S3/S4 gallop in the recovery period.

IMPRESSION:

Stress Test is negative for provokable myocardial ischemia.



Dr. NILADRI GHOSH
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Interventional Cardiologist

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