



DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr Ghanshyam Verma MRN : 15050000143031 Gender/Age : MALE , 35y (26/11/1987)
 Collected On : 02/09/2023 10:54 AM Received On : 02/09/2023 11:08 AM Reported On : 02/09/2023 04:05 PM
 Barcode : D72309020106 Specimen : Whole Blood Consultant : Dr. Alex Mathew(GENERAL MEDICINE)
 Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9897962089

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Spectrophotometry)	15.0	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	5.28	10 ⁶ /mm ³	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	45.5	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Calculated)	86	μm ³	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.5	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.1	g/dL	32.0-36.0
Red Cell Distribution Width (RDW) (Calculated)	13.3	%	11.5-14.0
Platelet Count (Electrical Impedance)	149 L	10 ³ /mm ³	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	6.3	10 ³ /mm ³	4.0-11.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (DHSS)	52.1	%	40.0-80.0
Lymphocytes (DHSS)	38.8	%	20.0-40.0
Monocytes (DHSS)	2.4	%	2.0-10.0
Eosinophils (DHSS)	6.6 H	%	1.0-6.0
Basophils (DHSS)	0.1	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	3.29	10 ³ /mm ³	2.0-7.5





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Absolute Lymphocyte Count (Calculated)	2.45	$\times 10^3$ cells/ μ l	1.0-3.0
Absolute Monocyte Count (Calculated)	0.16 L	$\times 10^3$ cells/ μ l	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.42	$\times 10^3$ cells/ μ l	0.02-0.5
Absolute Basophil Count (Calculated)	0.01 L	$\times 10^3$ cells/ μ l	0.02-0.1

As per the recommendation of International Council for Standardization in Hematology, the differential count is reported as absolute numbers.

Erythrocyte Sedimentation Rate (ESR) (Modified Westergren Method)	11.0	mm/hr	0.0-15.0
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Prachi

Dr. Prachi
MBBS, MD Pathology
MBBS, MD Pathology, JUNIOR CONSULTANT, Reg no DMC - 70512

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (GOD/POD)	129.3 H	mg/dL	74.0-106.0
Post Prandial Blood Sugar (PPBS) (Enzyme Method (GOD POD))	167 H	mg/dL	100.0-140.0
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Non LDL Selective Elimination, CHOD/POD)	214.7 H	mg/dL	<200.0
Triglycerides (LIPASE/GK/GPO/POD)	139.1	mg/dL	<150.0
HDL Cholesterol (HDL) (Colorimetric (Phosphotungstic Acid Method))	30.7 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	184.0 H	mg/dL	<130.0
LDL Cholesterol (Turbidometric /Microtip)	156.03 H	mg/dL	<100.0





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VLDL Cholesterol (Calculated)	27.8	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	7.0 H	-	<4.5
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (ECLIA/ ELFA)	2.39	nmol/L	1.49-2.6
Thyroxine (T4) (ECLIA/ ELFA)	116	nmol/L	71.2-141.0
TSH (Thyroid Stimulating Hormone) (Electrochemiluminescence (ECLIA))	4.38	uIU/ml	0.465-4.68
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Azobilirubin Dyphyllyne)	0.53	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength Reflectance)	0.26	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.27	mg/dL	0.1-1.0
Total Protein (Biuret Method)	7.41	gm/dL	6.3-8.2
Serum Albumin (Bromcresol Green (BCG))	4.46	gm/dL	3.5-5.0
Serum Globulin (Calculated)	2.95	gm/dL	2.3-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.51	-	0.9-2.0
SGOT (AST) (P - Phosphate)	53.3	U/L	17.0-59.0
SGPT (ALT) (P - Phosphate)	95.8 H	U/L	<50.0
Alkaline Phosphatase (ALP) (PNPP With Amp Buffer)	119.7	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (GCNA)	140.5 H	U/L	15.0-73.0





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Jyoti

Dr. Jyoti Bala

Associate Consultant Biochemistry Reg No. :DMC 83337

Test	CLINICAL PATHOLOGY		
	Result	Unit	Biological Reference Interval
STOOL ROUTINE EXAMINATION			
PHYSICAL EXAMINATION			
Colour	Brownish	-	-
Consistency	Semi Solid	-	-
Mucus	Absent	-	-
Blood	Absent	-	-
CHEMICAL EXAMINATION			
Reaction	Alkaline	-	-
MICROSCOPE EXAMINATION			
Ova	Not Seen	-	-
Cyst Of Protozoa	Not Seen	-	-
Red Blood Cells (Stool)	Not Seen	-	-
Pus Cells	0-1/hpf	/hpf	1-2

--End of Report--





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Prachi

Dr. Prachi
MBBS, MD Pathology
MBBS, MD Pathology, JUNIOR CONSULTANT, Reg no DMC - 70512

Note

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





DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr Ghanshyam Verma MRN : 15050000143031 Gender/Age : MALE , 35y (26/11/1987)
Collected On : 02/09/2023 10:54 AM Received On : 02/09/2023 11:09 AM Reported On : 02/09/2023 03:24 PM
Barcode : D62309020145 Specimen : Serum Consultant : Dr. Alex Mathew(GENERAL MEDICINE)
Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 9897962089

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC)	7.5 H	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	168.55	-	-

Interpretation:

- HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms and 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, anemic, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- Any sample with >15% should be suspected of having a haemoglobin variant.

Interpretation Notes

HbA1c provides an index of average blood glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations. Target goals of < 7.0 % may be beneficial in patients. Please co-relate with Blood Sugar Fasting.

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (GOD/POD)	128.1 H	mg/dL	74.0-106.0
Blood Urea Nitrogen (BUN) (Urease, UV)	9.6	mg/dL	9.0-20.0

SERUM CREATININE

Serum Creatinine (Enzymatic Two Point Rate - Creatinine Amidohydrolase)	0.61 L	mg/dL	0.66-1.25
eGFR (Calculated)	150.5	mL/min/1.73m ²	Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age





Patient Name : Mr Ghanshyam Verma MRN : 15050000143031 Gender/Age : MALE , 35y (26/11/1987)

Serum Sodium (ISE Direct)	141.9	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.80	mmol/L	3.5-5.1
Serum Chloride (ISE Direct)	103.3	mmol/L	98.0-107.0
Serum Bicarbonate Level (Phosphoenolpyruvate Carboxylase /Mdh Enzymatic End Point Assay)	23.8	mmol/L	22.0-30.0
Serum Calcium (Arsezano III Dye Binding Method)	9.31	mg/dL	8.4-10.2
Serum Magnesium (Formazan Dye)	1.90	mg/dL	1.6-2.3
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	6.89	mg/dL	3.5-8.5
Serum Phosphorus (Phosphomolybdate Reduction)	4.09	mg/dL	2.5-4.5

Jyoti

Dr. Jyoti Bala

Associate Consultant Biochemistry Reg No. :DMC 83337

BLOOD BANK LAB

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

Manoj

Dr. Manoj Rawat

Consultant & HOD, Blood Bank Center

Consultant & HOD Blood Center, DMC - 38026





Patient Name : Mr Ghanshyam Verma MRN : 15050000143031 Gender/Age : MALE , 35y (26/11/1987)

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Colour	Pale Yellow	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Double Indicator Method)	6.0	-	4.8-7.5
Sp. Gravity (PKa Change Ionic Concentration Method)	1.01	-	1.002-1.030
Protein (Protein Error Method)	Negative	-	-
Urine Glucose (GOD/POD)	Negative	-	Nil
Ketone Bodies	Negative	-	-
Blood Urine (Pseudo Peroxidase Method)	Negative	-	-
MICROSCOPIC EXAMINATION			
Pus Cells	1-2/hpf	/hpf	1 - 2
RBC	Not Seen	/hpf	0-3
Epithelial Cells	0-1/hpf	/hpf	2-3
Urine For Sugar (Fasting)	Negative	-	-

--End of Report--

Prachi

Dr. Prachi
MBBS, MD Pathology





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MBBS,MD Pathology, JUNIOR CONSULTANT, Reg no DMC - 70512

Note

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





Patient Name	Ghanshyam Verma	Requested By	Dr. Alex Mathew
MRN	15050000143031	Procedure Date/Time	2023-09-02 12:29:26
Age/Sex	35Y 9M/Male	Hospital	NH-Dharamshila

Investigation No. 9291

ULTRASONOGRAPHY WHOLE ABDOMEN

Liver : is normal in size with grade II fatty changes. Normal sized intrahepatic biliary and vascular channels are seen. No focal lesion. The common bile duct and portal vein are normal.

Gall bladder : Normal in size with normal wall thickness and contents.

The pancreas : The pancreas shows normal contour, echogenicity and size.

The spleen : is normal in size, contour and echopattern.

The right kidney : The right kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 10.3. x 4.4 cm.

The left kidney : The left kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 11.4 x 4.9 cm.

Urinary bladder is normal in wall & contents.

Prostate is normal in size, shape and parenchymal echopattern. It measures 10 CC.

No ascites seen.

Impression : Grade II fatty liver.

Dr. SHAILENDRA KR. BHARDWAJ
MBBS, DNB (Radiodiagnosis)

Sr. CONSULTANT RADIOLOGY
DMC - 46531





Patient Name	Ghanshyam Verma	Requested By	Dr. Alex Mathew
MRN	15050000143031	Procedure DateTime	2023-09-02 13:01:24
Age/Sex	35Y 9M/Male	Hospital	NH-Dharamshila

Inv. No.: 25635

X-RAY CHEST (PA)

- Lung fields are clear.
- Costophrenic angles are clear.
- Both domes of diaphragm are normal.
- Mediastinum and both hila are within normal limits.
- Cardiac size is normal.
- Hypertrophic bilateral transverse process of C7.

Dr. (Col.) Vikas Rastogi
MBBS, MD
SR. CONSULTANT RADIOLOGIST
DML 89340





Transthoracic Echo color Doppler Report

Patient's Name	Mr. Ghanshyam Verma	Age/Sex	35Years/Male
Ref By:	Dr. Alex Mathew	Date:	02/09/2023
MRN No.	15050000143031	PVT/MRD/IPD	Health Check Up

M-Mode/2-D Description

	Observed values	Normal values
Aortic root diameter diastole	37	20-36 (mm)
Left atrium size systole	27	19-40(mm)
Left Ventricular Size diastole	47	ED 37-56(mm)
Left Ventricular Size systole	33	ES 22-40 (mm)
Inter ventricular Septum diastole	11	ED 6-11(mm)
Posterior Wall thickness diastole	11	ED 6-11(mm)
End diastolic Volume	103	
End Systolic Volume	45	

- ❖ **Left Ventricle:** Left ventricle is normal sized with normal wall thickness. No regional wall motion abnormality seen, Global LVEF = 60%.
- ❖ **Right Ventricle:** Right ventricle is normal sized with normal wall thickness. No regional wall motion abnormality seen.
- ❖ **Left Atrium:** It is normal sized.
- ❖ **Right Atrium:** It is normal sized.
- ❖ **Aorta Artery:-** Its appear normal.
- ❖ **Main Pulmonary artery & its branches:** Its appear normal.
- ❖ **Mitral Valve:** Mitral valve appears normal, Subvalvular apparatus appears normal.
- ❖ **Aortic Valve:** Aortic valve appears normal.
- ❖ **Tricuspid valve:** It appears normal.
- ❖ **Pulmonary Valve:** It appears normal.
- ❖ **Pericardium:** There is no pericardial effusion.
- ❖ **Septum:** Interatrial septum and interventricular septum are intact.

Contd.....





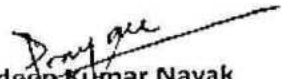
Ghanshyam Verma.....2

DOPPLER/COLOUR FLOW

VALVE	MAX. VELOCITY cm/sec	PG/MG mmHg	Regurgitation Severity
MITRAL	E- 75cm/sec, A- 60cm/sec		Trace MR
AORTIC	97		No AR
TRICUSPID	156	(PASP -15 mmHg)	Trace TR
PULMONARY	84		No PR

FINAL INTERPRETATION

- ❖ No regional wall motion abnormality. Global LVEF= 60%.
- ❖ Normal sized all cardiac chambers dimensions.
- ❖ Normal RV systolic function.(TAPSE = 1.9 cm)
- ❖ Mitral leaflets are normal. Trace MR.
- ❖ Aortic cusps are normal. No AS. No AR.
- ❖ Trace TR. (PASP = 15mmHg). No PR.
- ❖ MIP - Normal.
- ❖ No Intracardiac clot/mass/Vegetation/pericardial effusion.
- ❖ IVC size is 15mm with normal respiratory variation.
- ❖ No Pleural effusion.
- ❖ No coarctation of aorta.


Dr. Pradeep Kumar Nayak
Senior Consultant - Cardiology

Dr. Sonali Dutta
Associate Consultant - Cardiology

Note:- This is a professional opinion based on imaging finding and not the diagnosis. Not valid for medico-legal purposes. In case of any discrepancy due to machine error or typing error, please get it rectified immediately.



ID: 15050000143031
Name: Vama, Ghanshyam
Age: 35 Years
Gender: Male

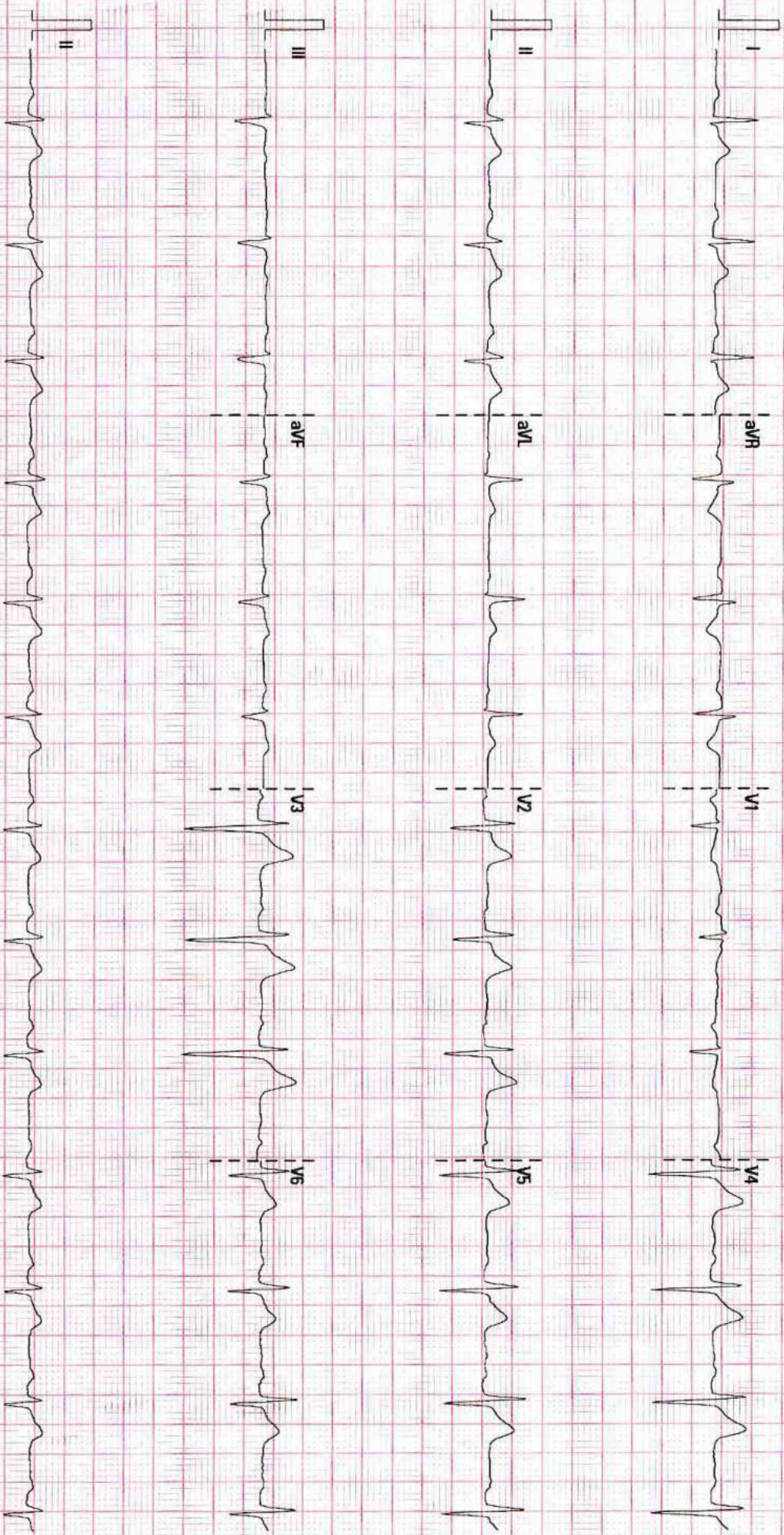
02-09-2023 13:13:06

Vert. Rate
PR Interval
QRS Duration
QT/QTc Interval
P/QRS/T Axes
DTC-Hodges

77 bpm
190 ms
84 ms
344/374 ms
44/-30/26 deg

Sinus rhythm
Left axis deviation
Borderline ECG

Unconfirmed Diagnosis



25 mm/s

10 mm/mV

50 Hz

RRR 20 Hz

02.07.200 V28 4.1

SN FN-310143031

CLEAR VUE

OPTICALS, CONTACT LENSES



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QUALITY CARE WITH A PERSONAL TOUCH

Tony Eye Hospital Road

02-09-23

Mr. Anandharam Vermana

RIGHT EYE				LEFT EYE					
Const.	Sph.	Cyl.	Axis	Vn	Const.	Sph.	Cyl.	Axis	Vn
				6/6	Dist.				6/6 (8)
				N6	Near				N6

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