



MER- MEDICAL EXAMINATION REPORT

Date of Examination	18/7/2023		
NAME	ROHIT MISHRA		
AGE	31	Gender	M
HEIGHT(cm)	5'8"	WEIGHT (kg)	70
B.P.	124/70		
ECG	WNL		
X Ray	WNL		
Vision Checkup	Color Vision : <u>NO COLOR BLINDNESS</u>		
	Far Vision Ratio : 6/6		
	Near Vision Ratio : N/6		
Present Ailments	NAD		
Details of Past ailments (If Any)	NAD		
Comments / Advice : She /He is Physically Fit	HE IS PHYSICALLY ANDMENTALY FIT FOR HIS ROUTINE WORK.		

UNITY MULTISPECIALITY HOSPITAL
Rajesh Tower Road,
Near Harinagar Cross Roads,
Gotri, Vadodara-390021.

Signature with Stamp of Medical Examiner





24 Hours Pathology Laboratory

G/F - 17, 18, 20, Kalpvruksh, Nr. Gotri Medical College, Gotri Main Road, Vadodara - 390 021.
(M) 96620 53260 / 72288 66487

BRANCH : Ground Floor C-64, Nutan Maheshwar Nagar, Opp. Indusind Bank, Subhanpura, Vadodara 390023.
(M) 7490053260 / 8511153260



TEST REPORT

Reg. No : 2307101643

Reg. Date : 18-Jul-2023

Name : MISHRA ROHIT

Collected On : 18-Jul-2023

Age : 31 Years Sex : Male

Ref. By :

Location : Unity Health Checkup

Disp. At :

Parameter

Result

Interval

BLOOD GROUP & RH

SPECIMEN: EDTA AND SERUM; METHOD: HAEMAGGLUTINATION

Blood Group

ABO

'O'

Rh (D)

Positive

-----End Of Report-----

Approved by: Dr. Tushar Sonaiya
M.D.
Reg. No. 15158



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PERIPHERAL BLOOD SMEAR EXAMINATION

SPECIMEN: PERIPHERAL BLOOD SMEAR & EDTA BLOOD

PERIPHERAL SMEAR EXAMINATION

RBC Morphology RBC are normochromic normocytic.

WBC Morphology Normal morphology

Platelets Platelets are adequate with normal morphology.

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COMPLETE BLOOD COUNT (CBC)

SPECIMEN: EDTA BLOOD

Hemoglobin (SLS method)	13.4	g/dL	12.0 - 17.0
RBC Count (Electrical Impedance)	4.65	million/cmm	4.6 - 6.5
Hematocrit- HCT (Elec. Impedance)	40.70	%	35 - 54
WBC Count (Flowcytometry)	8080	/cmm	4000 - 10500
Platelet Count (Electrical Impedance)	163000	/cmm	150000 - 450000
MCV (Calculated)	87.5	fL	80 - 96
MCH (Calculated)	28.8	Pg	27 - 33
MCHC (Calculated)	32.9	%	32 - 36

DIFFERENTIAL WBC COUNT (Manual By Microscopy)

Neutrophils (%)	64	%	45 - 75
Lymphocytes (%)	26	%	20 - 40
Monocytes (%)	8	%	1 - 10
Eosinophils (%)	2	%	1 - 4
Basophils (%)	0	%	0 - 1
RDW (Calculated)	12.9	%	11.6 - 14.4
MPV	14.3	%	7.5 - 12.0

By Fully Automated 5 Part Differential Cell Counter Sysmex XN 350

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BIOCHEMISTRY

Fasting Blood Sugar (FBS)	106.50	mg/dL	65 - 110
Urine Glucose -F	Nil		
Post Prandial Blood Sugar (PP2BS)	119.60	mg/dL	65 - 140
Urine Glucose- PP	Nil		

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THYROID FUNCTION TEST

T3 (Triiodothyronine)	1.20	ng/mL	0.7 - 2.04
T4 (Thyroxine)	7.10	mIU/mL	4.5 - 10.9
TSH	3.497	µIU/ml	0.4 - 4.2

Thyroid stimulating hormone (TSH) is synthesized and secreted by the anterior pituitary in response to a negative feedback mechanism involving concentrations of FT3 (free T3) and FT4 (free T4). Additionally, the hypothalamic tripeptide, thyrotropin-releasing hormone (TRH), directly stimulates TSH production. TSH stimulates thyroid cell production and hypertrophy, also stimulate the thyroid gland to synthesize and secrete T3 and T4.

Quantification of TSH is significant to differentiate primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.

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URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

Quantity : 10 cc
Colour : Pale Yellow
Clarity : Clear

CHEMICAL EXAMINATION (BY REFLECTANCE PHOTOMETRIC METHOD)

pH	6.0	4.6 - 8.0
Sp. Gravity	1.030	
Protein	Nil	
Glucose	Nil	
Ketone Bodies	Nil	
Urobilinogen	Nil	
Bilirubin	Nil	
Nitrite	Nil	
Blood	Nil	

MICROSCOPIC EXAMINATION (MANUAL BY MICROSCOPY)

Leucocytes (Pus Cells)	1-2/hpf
Epithelial Cells	1-2/hpf
Erythrocytes (Red Cells)	Nil
Amorphous Material	Nil
Casts	Nil
Crystals	Nil
Bacteria	Nil

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KIDNEY FUNCTION TEST			
UREA	29.20	mg/dL	10 - 40
Creatinine	0.98	mg/dL	0.6 - 1.40

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Parameter	Result	Unit	Biological Reference Interval
LIVER FUNCTION TEST			
Total Protein	6.91	g/dL	6.3 - 7.8
Albumin	3.78	g/dL	3.4 - 5.0
Globulin	3.13	g/dL	2.3 - 3.5
A/G Ratio	1.21		0.8 - 2.0
SGOT	50.50	U/L	5 - 50
SGPT	53.10	U/L	5 - 45
Alakaline Phosphatase	100.50	U/L	42 - 141
Total Bilirubin	0.41	mg/dL	0 - 1.4
Direct (Conjugated) Bilirubin	0.15	mg/dL	0.0 - 0.6
Indirect (Unconjugated) Bilirubin	0.26	mg/dL	0.0 - 1.1

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HEMOGLOBIN A1 C ESTIMATION

SPECIMEN: BLOOD EDTA

Hb A1C	5.70	% of Total Hb	>8 : Action Suggested , 7-8 : Good Control , <7 : Goal , 6-7 : Near Normal Glycemia, <6 : Non-diabetic Level
Mean Blood Glucose	116.89	mg/dL	

Criteria for the diagnosis of diabetes

1. HbA1c \geq 6.5*

Or

2. Fasting plasma glucose \geq 126 mg/dL. Fasting is defined as no caloric intake at least for 8 hrs.

Or

3. Two hour plasma glucose \geq 200 mg/dL during an oral glucose tolerance test by using a glucose load containing equivalent of 75 gm anhydrous glucose dissolved in water.

Or

4. In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose \geq 200 mg/dL.

*In the absence of unequivocal hyperglycemia criteria 1 - 3 should be confirmed by repeat testing.

American diabetes association. Standards of medical care in diabetes 2011. Diabetes care 2011;34:S11.

Limitation of HbA1c

1) In patients with Hb variants even analytically correct results do not reflect the same level of glycemic control that would be expected in patients with normal population.

2) Any cause of shortened erythrocyte survival or decreased mean erythrocyte survival or decreased mean erythrocyte age eg. hemolytic diseases, pregnancy, significant recent/chronic blood loss etc. will reduce exposure of RBC to glucose with consequent decrease in HbA1c values.

3) Glycated HbF is not detected by this assay and hence specimens containing high HbF (>10%) may result in lower HbA1c values than expected.

-----End Of Report-----

Approved by: Dr. Tushar Sonaiya
M.D.
Reg. No. 15158

OPD HEALTH CHECKUP CASE

OPD NO	: OP09696/H/ (UHID : UHG05914)	DATE TIME	: 18-07-2023 09:39 AM
NAME	: MR. ROHIT MISHRA	AGE / GENDER	: 31Y / MALE
ADDRESS	: 24/RATNADIP SOC, GOTRI, VADODARA	PHONE NO.	: 7838487246
PATIENT TYPE	: CASH	COMPANY	: CASH
CONS. DR.	: MEDICAL OFFICER	REF. DR.	: DIRECT

VITALS

HEIGHT: CM
 WEIGHT: KG
 TEMP : (N)
 PULSE : 84 /MIN
 BP : 124/70 MM/HG
 SPO2 : 98 %
 RS : AEBE-1
 CVS : SJS21
 CNS : Conscious & Oriented

INVESTIGATION

PRESENTING COMPLAIN(S) :

- A 31 year old male
 Pt came for Health
 Check-up

Adh

- Blood Tx
- Radiological Ia
- Physician fitness
- ENT Ref

FOLLOW UP DATE



OPD HEALTH CHECKUP CASE

OPD NO	: OP09696/H/ (UHID : UHG05914)	DATE TIME	: 18-07-2023 09:39 AM
NAME	: MR. ROHIT MISHRA	AGE / GENDER	: 31Y / MALE
ADDRESS	: 24/RATNADIP SOC, GOTRI, VADODARA	PHONE NO.	: 7838487246
PATIENT TYPE	: CASH	COMPANY	: CASH
CONS. DR.	: CHIRAG RATHOD	REF. DR.	: DIRECT

VITALS

HEIGHT: CM
 WEIGHT: KG
 TEMP :
 PULSE : /MIN
 BP : 124/70 MM/HG
 SPO2 : 98 %
 RS : AEBE-clear
 CVS : S1S2+
 CNS : Conscious
 & Orient

INVESTIGATION

PRESENTING COMPLAIN(S) :

- A 31 year old Man
 - Came for health-checkup
 - No any kind of
 Complaint.
 - ECG, 2D Echo noted
 - WNL

Adv

- Mild weight Reduction
 - Avoid spicy, oily greasy
 food
 - Walking 45 mins / day or
 Physical Exercise

FOLLOW UP DATE

- in' c/o chest Pain
 or gubhuranam
 may present.
 & See

Mr. Rohit Mishra
 is fit for an employment

DR. CHIRAG RATHOD
 M.D.MEDICINE

UNITY MULTISPECIALITY HOSPITAL
 Rajesh Tower Road,
 Near Harinagar Cross Roads,
 Gotri, Vadodara-390021.

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PATIENT TYPE	: CASH	COMPANY	: CASH
CONS. DR.	: JAYMAN RAVAL	REF. DR.	: DIRECT

VITALS

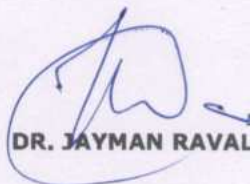
HEIGHT: CM
WEIGHT: KG
TEMP :
PULSE : /MIN
BP : MM/HG
SPO2 : %
RS :
CVS : | N/A
CNS : | N/A

INVESTIGATION

PRESENTING COMPLAIN(S) :

O/E
 Throat clear
 Tonsils: Normal.
 Gums - Normal.
 No Abnormality detected in Ear, Nose, Throat

FOLLOW UP DATE


DR. JAYMAN RAVAL

UNITY MULTISPECIALITY HOSPITAL
 Rajesh Tower Road,
 Near Harinagar Cross Roads,
 Gotri, Vadodara-390021

ID: 251

ROHIT MISHRA

Male 31Years

18-07-2023 11:46:41

HR : 63 bpm

P : 95 ms

PR : 146 ms

QRS : 75 ms

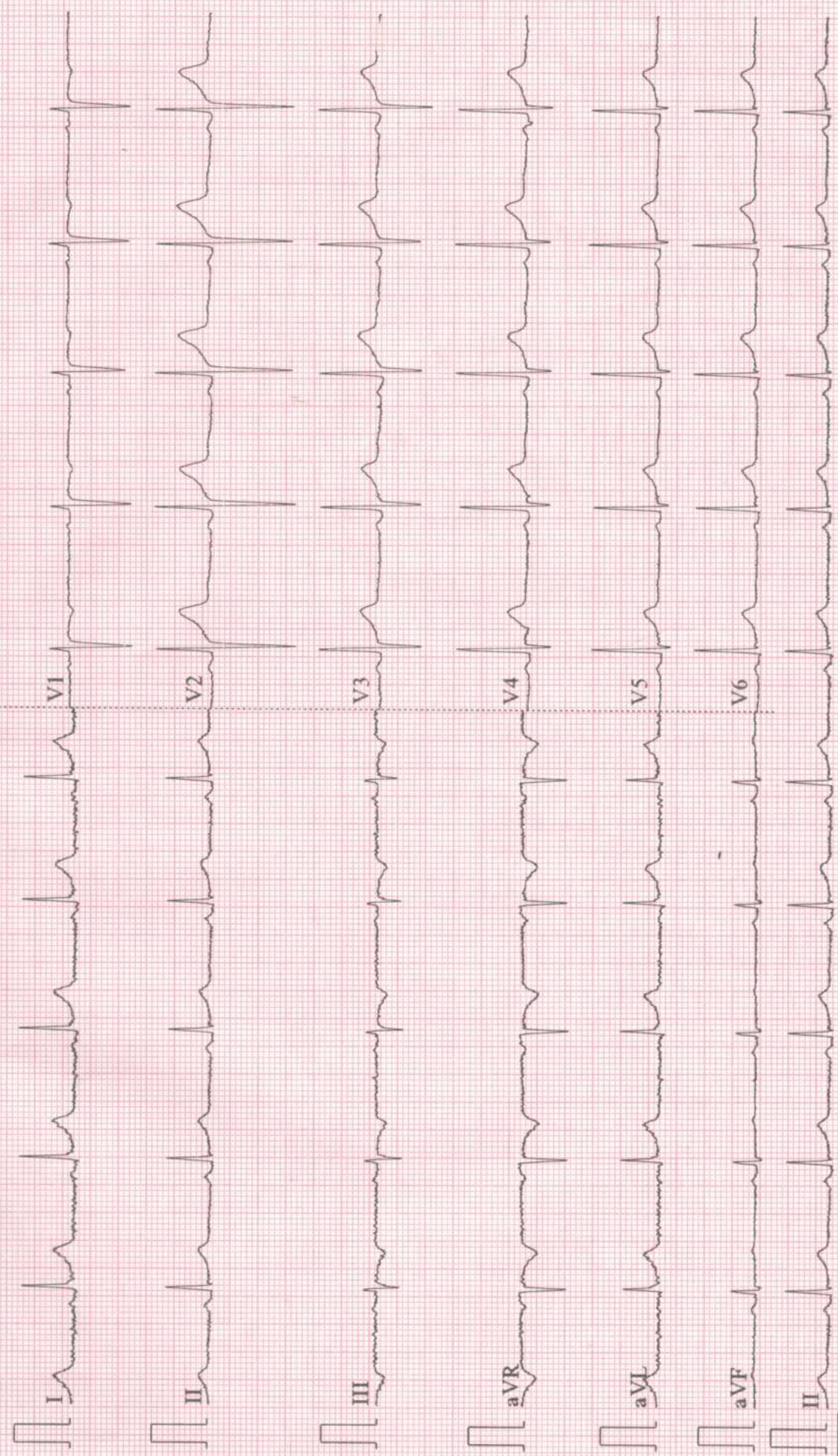
QT/QTc : 392/404 ms

PQRS/T : 58/19/7 °

RV5/SV1 : 1.227/1.080 mV

Diagnosis Informa
Sinus Arrhythmia

Report Confirmed by:





- High Resolution Ultrasonography
- Colour Doppler
- All Pregnancy Scan
- 3D - 4D Imaging
- Digital X-ray

NAME: ROHIT MISHRA	AGE: 31 YRS/ MALE
DATE: 18-07-2023	

USG SCREENING OF WHOLE ABDOMEN

Liver – appears normal in size (span = 13.5 cm), normal shape and shows mild increase reflectivity-often seen in fatty infiltration, Intrahepatic biliary radicles show no dilatation. Portal vein is patent and normal in size.

Gall bladder is partially distended and appears normal, no calculus or wall thickening. **Spleen** appears normal in size and normal echotexture, no evidence of focal lesion.

Pancreas – visualized part of pancreas appears normal in size and echotexture .no obvious bulky or hypoechoic echotexture seen. No peri pancreatic fluid. Pancreatic duct is not dilated.

Right Kidney : 10.3 x 4.6 cm in size

Left Kidney : 9.7 x 4.0 cm in size

Both kidneys show normal size, position and cortical echogenicity. Corticomedullary differentiation is preserved bilaterally. No obvious renal calculus or hydronephrosis detected in either side.

Urinary bladder is partially distended and appears normal, No calculus or diverticulum noted. No urinary bladder wall thickening.

Prostate: Appears normal in size and appearance. Normal in volume.

No evidence of obvious small bowel loop dilatation. Large bowel loops are gaseous. No evidence of pre or para aortic abnormal lymphadenopathy.

No omental thickening, free fluid or abnormal morphology mesenteric lymph nodes seen in right iliac fossa.

No evidence of intraperitoneal free fluid seen. No evidence of pleural effusion. Kindly correlate clinically.

IMPRESSION:

Fatty liver (Grade-II)

DR ASHISH BHALODIYA
Consultant Radiologist.

2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT

PATIENT NAME- ROHIT MISHRA

AGE/GENDER- 31YR/MALE

DATE-18/07/2023

DOCTOR – DR. CHIRAG RATHOD

M.MODE STUDY

LA-	3.09cm	IVS-	1.5cm	PWD- 1.5cm
AO-	3.06cm	LVDs-	2.8cm	LVDD- 3.5cm

DOPPLER STUDY:

MITRAL VALVE:	E: A -0.9
AORTIC VALVE PGmax	6mm/hg
TRICUSPID VALVE PGmax	17 mm/hg
PULMONARY VALVE:	Trace PR

CONCLUSION:

- LV FUNCTION : Normal LV systolic function,
- LVEF :60%
- RWMA : No RWMA
- CARDIAC CHAMBERS : Normal LV/LA/RA and RV size
- DIASTOLIC FUNCTION : Grade I Diastolic dysfunction
- TR : 17mmhg, NO TR PAH : No PAH RVSP :27mmhg
- Normal aortic and mitral valve
- NO MR/NO MS,NO AR/NO AS
- NO CLOT,NO VEGETATIONS
- NO PERICARDIAL EFFUSION

UNITY MULTISPECIALITY HOSPITAL
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SIGN-

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Phone : 0265 2392663/2392664 ● Mobile : 9909931141 / 42
Email : Info@unityhospitals.org ● Website : www.unityhospitals.org