

Hosp. Reg. No.: TMC - Zone C - 386

INDUSTRIAL HEALTH SERVICES

Sudhir Jadhar 47yrd Male

13/01/2024

No fresh complaints. RICIO - DM, HTN.
? recently detected HTN.

SIM - Plastic Sx & in 2001 ? details not available

FIH- NAD

BP- 120/80mmtg. P_ 80 / win SPO2 - 97%.

Heigh-175cm Weight - 100/cg BMI - 32.7 Kg/m2 (obese algs I)

> Pt is fit and resume his normal duties.

Le consult with physician For blood changes









OPTHAL CHECK UP SCREENING

NAME OF EMPLOYEE SUDHIR JADHAV

AGE

47

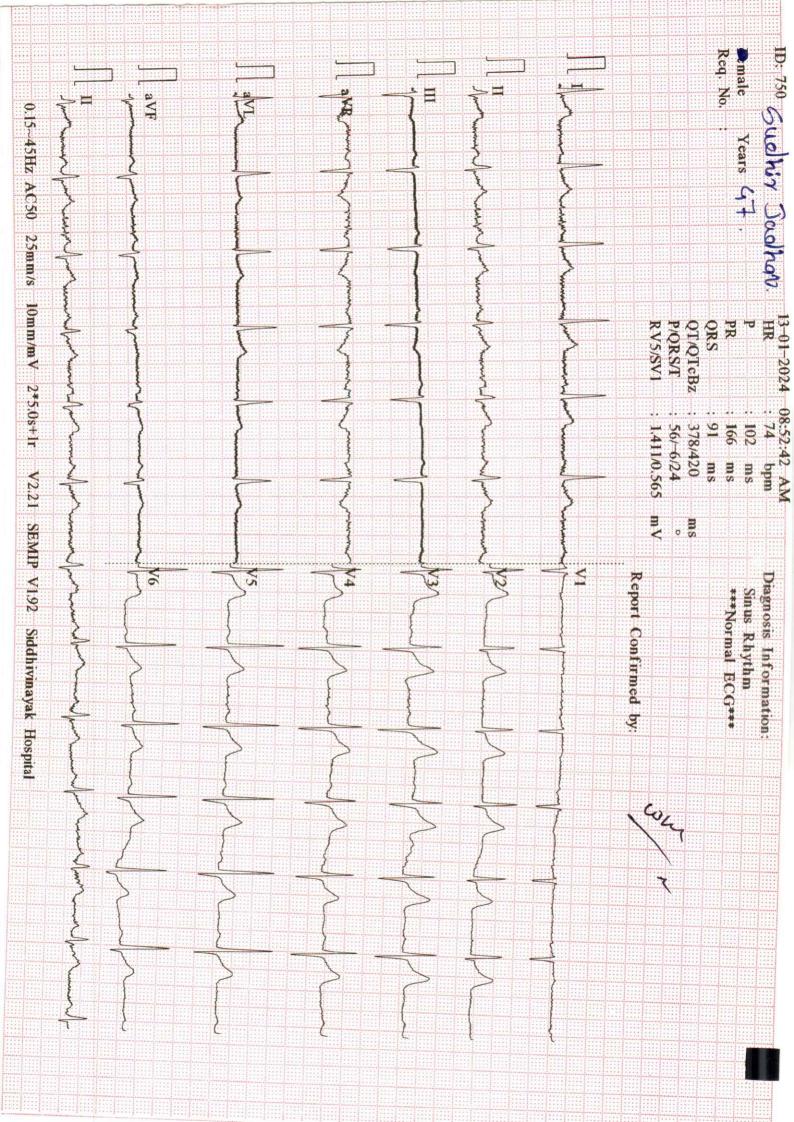
DATE -

13.01.2024

Spects: With Glasses

	RT Eye	Lt Eye
NEAR	N/18	N/18
DISTANT	6/6	6/6
Color Blind Test	NORMAL	









Imaging Department
Sonography | Colour Doppler | 3D / 4D USG

Name - Mr. Sudhir Jadhav	Age - 47 Y/M
Ref by Dr Siddhivinayak Hospital	Date - 13/01/2024

USG ABDOMEN & PELVIS

FINDINGS: -

The **liver** dimension is normal in size (15.5 cm). It appears normal in morphology with **raised echogenicity**. No evidence of intrahepatic ducal dilatation.

The GB-gallbladder is not visualized -? Post prandial status.

The CBD- common bile duct is normal. The portal vein is normal.

The pancreas appears normal in morphology.

The spleen is enlarged in size (12.5 cm) and shows normal morphology.

Both kidneys demonstrate normal morphology.

Both kidneys show normal cortical echogenicity.

The right kidney measures 10.1 x 5.0 cm.

The left kidney measures 10.5 x 4.0 cm.

Urinary bladder: -normally distended. Wall thickness - normal.

Prostate is normal in size and morphology Size: 14.0 gms

No free fluid is seen.

IMPRESSION:-

- Fatty liver (Grade I)
- Splenomegaly

DR. AMOL BENDRE

MBBS; DMRE

CONSULTANT RADIOLOGIST









Imaging Department
Sonography | Colour Doppler | 3D / 4D USG

Name - Mr. Sudhir Jadhav	Age - 47 Y/M	
Ref by Dr Siddhivinayak Hospital	Date - 13/01/2024	

X- Ray chest (PA VIEW)

No obvious active parenchymal lesion seen in both lungs.

Cardiac and aortic shadows appear normal

No evidence of pleural of effusion is seen.

Both domes of diaphragm appear normal.

No obvious bony lesion is seen.

IMPRESSION:

No significant abnormality seen.

Adv.: Clinical and lab correlation.

DR. MOHAMMAD SOHAIB

MBBS; DMRE CONSULTANT RADIOLOGIST

Note: The above report represents interpretation of various radiographic / sonographic shadows, and hence has its own limitations. This report has to be co-related clinic-pathologically by the referring / physician and it does NOT represent the sole diagnosis.









Imaging Department
Sonography | Colour Doppler | 3D / 4D USG

ECHOCARDIOGRAM

NAME	MR. SUDHIR JADHAV	
AGE/SEX	47 YRS/M	
REFERRED BY	SIDDHIVINAYAK HOSPITAL	
DATE OF EXAMINATION	13 /01/2024	

2D/M-MODE ECHOCARDIOGRAPHY

VALVES:	CHAMBERS:
MITRAL VALVE:	LEFT ATRIUM: Normal
AML: Normal	Left atrial appendage: Normal
PML: Normal	
 Sub-valvular deformity: Absent 	LEFT VENTRICLE: Normal
ODTICAL LUT VI	RWMA: No
AORTIC VALVE: Normal	Contraction: Normal
No. of cusps: 3 PULMONARY VALVE: Normal	RIGHT ATRIUM: Normal
	RIGHT VENTRICLE: Normal
TRICUSPID VALVE: Normal	RWMA: No
	Contraction: Normal
GREAT VESSELS:	SEPTAE:
 AORTA: Normal 	IAS: Intact
 PULMONARY ARTERY: Normal 	IVS: Intact
CORONARIES: Proximal coronaries normal	VENACAVAE:
	SVC: Normal
CORONARY SINUS: Normal	 IVC: Normal and collapsing >20% with respiration
PULMONARY VEINS: Normal	PERICARDIUM: Normal

MEASUREMENTS:

AORTA		LEFT VENTR	ICLE STUDY	RIGHT VENTRICLE STUDY	
PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE
Aortic annulus	22 mm	Left atrium	34 mm	Right atrium	mm
Aortic sinus	mm	LVIDd	5.0.3 mm	RVd (Base)	mm
Sino-tubular junction	mm	LVIDs	29.3 mm	RVEF	%
Ascending aorta	mm	IVSd	9.8 mm	TAPSE	mm
Arch of aorta	mm	LVPWd	9.8 mm	MPA	mm
Desc. thoracic aorta	mm	LVEF	72 %	RVOT	mm
Abdominal aorta	mm	LVOT	mm	IVC	mm









: Mr. SUDHIR JADHAV (A) **Collected On** Name

Lab ID. : 180444

Age/Sex : 47 Years / Male

Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

: 13/1/2024 9:55 am . 13/1/2024 10:05 am Received On

Reported On : 13/1/2024 10:44 pm

Report Status : FINAL

*LIPID PROFILE

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL CHOLESTEROL (CHOLESTEROL OXIDASE,ESTERASE,PEROXIDA SE)	186.0	mg/dL	Desirable blood cholesterol: - <200 mg/dl. Borderline high blood cholesterol: - 200 - 239 mg/dl. High blood cholesterol: - >239 mg/dl.
S.HDL CHOLESTEROL (DIRECT MEASURE - PEG)	30.1	mg/dL	Major risk factor for heart :<30 mg/dl. Negative risk factor for heart disease: >=80 mg/dl.
S. TRIGLYCERIDE (ENZYMATIC, END POINT)	176.1	mg/dL	Desirable level: <161 mg/dl. High:>= 161 - 199 mg/dl. Borderline High: 200 - 499 mg/dl. Very high:>499mg/dl.
VLDL CHOLESTEROL (CALCULATED VALUE)	35	mg/dL	UPTO 40
S.LDL CHOLESTEROL (CALCULATED VALUE)	121	mg/dL	Optimal: <100 mg/dl. Near Optimal: 100 - 129 mg/dl. Borderline High: 130 - 159 mg/dl. High: 160 - 189mg/dl. Very high: >= 190 mg/dl.
LDL CHOL/HDL RATIO (CALCULATED VALUE)	4.02		UPTO 3.5
CHOL/HDL CHOL RATIO (CALCULATED VALUE)	6.18		<5.0

Above reference ranges are as per ADULT TREATMENT PANEL III recommendation by NCEP (May

Result relates to sample tested, Kindly correlate with clinical findings.

Checked By

Priyanka_Deshmukh

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist**

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COMPLETE BLOOD COUNT

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
HEMOGLOBIN	14.8	gm/dl	13 - 18
HEMATOCRIT (PCV)	44.4	%	42 - 52
RBC COUNT	5.3	x10^6/uL	4.70 - 6.50
MCV	84	fl	80 - 96
MCH	27.9	pg	27 - 33
MCHC	33	g/dl	33 - 36
RDW-CV	12.9	%	11.5 - 14.5
TOTAL LEUCOCYTE COUNT	6170	/cumm	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	60	%	40 - 80
LYMPHOCYTES	28	%	20 - 40
EOSINOPHILS	03	%	0 - 6
MONOCYTES	09	%	2 - 10
BASOPHILS	00	%	0 - 1
PLATELET COUNT	210000	/ cumm	150000 - 450000
MPV	12.1	fl	6.5 - 11.5
PDW	16.4	%	9.0 - 17.0
PCT	0.250	%	0.200 - 0.500
RBC MORPHOLOGY	Normocytic Normochromi	С	
WBC MORPHOLOGY	Normal		
PLATELETS ON SMEAR	Adequate		

Method: EDTA Whole Blood- Tests done on Automated Six Part Cell Counter.RBC and Platelet count by Electric Impedance ,WBC by SF Cube method and Differential by flow cytometry . Hemoglobin by Cyanide free reagent for hemoglobin test (Colorimetric Method). Rest are calculated parameters.

Result relates to sample tested, Kindly correlate with clinical findings.

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URINE ROUTINE EXAMINATION

TEST NAME UNIT REFERENCE RANGE **RESULTS**

URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

VOLUME 20ml

COLOUR Pale yellow Pale Yellow **CLEAR APPEARANCE** Clear

CHEMICAL EXAMINATION

REACTION Acidic Acidic

(methyl red and Bromothymol blue indicator)

1.005 - 1.022 SP. GRAVITY 1.010

(Bromothymol blue indicator)

PROTEIN Absent Absent

(Protein error of PH indicator)

BLOOD Absent Absent

(Peroxidase Method)

SUGAR Absent Absent

(GOD/POD)

KETONES Absent Absent

(Acetoacetic acid)

BILE SALT & PIGMENT Absent Absent

(Diazonium Salt)

UROBILINOGEN Normal Normal

(Red azodye)

LEUKOCYTES Absent Absent

(pyrrole amino acid ester diazonium salt)

Negative

(Diazonium compound With tetrahydrobenzo quinolin 3-phenol)

MICROSCOPIC EXAMINATION

RED BLOOD CELLS Absent Absent **PUS CELLS** 0-2 / HPF 0 - 5 **EPITHELIAL** 0-2 / HPF 0 - 5

CASTS Absent

Checked By

SHAISTA Q

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Report Status : FINAL : SIDDHIVINAYAK HOSPITAL CGHS /ESIS / Ref By

URINE ROUTINE EXAMINATION

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
CRYSTALS	Absent		
BACTERIA	Absent		Absent
YEAST CELLS	Absent		Absent
ANY OTHER FINDINGS	Absent		
REMARK	Result relates to sample tested. Kindly correlate with clinical findings.		

Result relates to sample tested, Kindly correlate with clinical findings.

Checked By SHAISTA Q

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Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

Report Status : FINAL

Received On

2nd Trimester

3rd Trimester

. 13/1/2024 10:05 am

TEST NAME		RESULTS		UNIT	REFERENCE RANGE
TFT (THYROID	FUNCTION T	EST)			
SPACE				Space	-
SPECIMEN		Serum			
T3		146.3		ng/dl	84.63 - 201.8
T4		10.25		μg/dl	5.13 - 14.06
TSH		2.43		μIU/ml	0.270 - 4.20
T3 (Triido Thyr hormone)	onine)	T4 (Thyroxine	e)	TSH(Thy	roid stimulating
AGE	RANGE	AGE	RANGES	AGE	RANGES
1-30 days	100-740	1-14 Days	11.8-22.6	0-14 Da	ys 1.0-39
1-11 months	105-245	1-2 weeks	9.9-16.6	2 wks -5	months 1.7-9.1
1-5 yrs	105-269	1-4 months	7.2-14.4	6 month	s-20 yrs 0.7-6.4
6-10 yrs	94-241	4 -12 months	7.8-16.5	Pregnar	су
11-15 yrs	82-213	1-5 yrs	7.3-15.0	1st Trin	nester
0.1-2.5					

6.4-13.3

5.6-11.7

IMMUNO ASSAY

0.30-3.0

15-20 yrs 0.20-3.0

INTERPRETATION:

80-210

TSH stimulates the production and secretion of the metabolically active thyroid hormones, thyroxine (T4) and triiodothyronine (T3), by interacting with a specific receptor on the thyroid cell surface. The synthesis and secretion of TSH is stimulated by Thyrotropin releasing hormone (TRH), in response to low levels of circulating thyroid hormones. Elevated levels of T3 and T4 suppress the production of TSH via a classic negative feedback mechanism. Failure at any level of regulation of the hypothalamic-pituitary-thyroid axis will result in either underproduction (hypothyroidism) or overproduction (hyperthyroidism) of T4 and/or T3.

Result relates to sample tested, Kindly correlate with clinical findings.

5-10 yrs

11-15 yrs

Checked By

Priyanka Deshmukh

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REFERENCE RANGE

Ref By

: SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

Report Status : FINAL

HAEMATOLOGY

UNIT

TEST NAME **RESULTS**

BLOOD GROUP

SPECIMEN WHOLE BLOOD EDTA & SERUM

* ABO GROUP 'A'

RH FACTOR **POSITIVE**

Method: Slide Agglutination and Tube Method (Forward grouping & Reverse grouping)

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT ----

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Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS / **Report Status** : FINAL



*RENAL FUNCTION TEST TEST NAME UNIT REFERENCE RANGE **RESULTS BLOOD UREA** 30.4 mg/dL 19 - 45 (Urease UV GLDH Kinetic) **BLOOD UREA NITROGEN** 14.21 mg/dL 5 - 20 (Calculated) S. CREATININE 1.00 0.6 - 1.4mg/dL (Enzymatic) S. URIC ACID 7.0 3.5 - 7.2mg/dL (Uricase) S. SODIUM 139.6 137 - 145 mEq/L (ISE Direct Method) S. POTASSIUM 3.89 mEq/L 3.5 - 5.1(ISE Direct Method) S. CHLORIDE 107.1 mEq/L 98 - 110 (ISE Direct Method) S. PHOSPHORUS 3.29 mg/dL 2.5 - 4.5(Ammonium Molybdate) S. CALCIUM 9.2 8.6 - 10.2 mg/dL (Arsenazo III) 6.4 - 8.3 **PROTEIN** 7.05 g/dl (Biuret) S. ALBUMIN 4.39 3.2 - 4.6 g/dl (BGC) **S.GLOBULIN** 2.66 1.9 - 3.5 g/dl (Calculated) A/G RATIO 1.65 0 - 2calculated NOTE BIOCHEMISTRY TEST DONE ON FULLY AUTOMATED (EM 200)

Result relates to sample tested, Kindly correlate with clinical findings.

ANALYZER.

Checked By

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Lab ID. : 180444

Age/Sex : 47 Years / Male

: SIDDHIVINAYAK HOSPITAL CGHS /ESIS / Ref By

Collected On : 13/1/2024 9:55 am

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Report Status : FINAL

LIVER FUNCTION TEST

TEST NAME	RESULTS	UNIT	REFERENCE RANGE	
TOTAL BILLIRUBIN	0.68	mg/dL	0.0 - 2.0	
(Method-Diazo)				
DIRECT BILLIRUBIN	0.26	mg/dL	0.0 - 0.4	
(Method-Diazo)				
INDIRECT BILLIRUBIN	0.42	mg/dL	0 - 0.8	
Calculated				
SGOT(AST)	25.7	U/L	0 - 37	
(UV without PSP)				
SGPT(ALT)	48.3	U/L	UP to 40	
UV Kinetic Without PLP (P-L-P)				
ALKALINE PHOSPHATASE	62.0	U/L	53 - 128	
(Method-ALP-AMP)				
S. PROTIEN	7.05	g/dl	6.4 - 8.3	
(Method-Biuret)				
S. ALBUMIN	4.39	g/dl	3.5 - 5.2	
(Method-BCG)				
S. GLOBULIN	2.66	g/dl	1.90 - 3.50	
Calculated				
A/G RATIO	1.65		0 - 2	
Calculated				

Result relates to sample tested, Kindly correlate with clinical findings.

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/ Male

: SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

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Ref By

: 47 Years

Report Status

: FINAL

НΔ	EM	ΔΤ	OI	O	GY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>ESR</u>			
ESR	20	mm/1hr.	0 - 20

METHOD - WESTERGREN

Result relates to sample tested, Kindly correlate with clinical findings.

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Report Status : FINAL Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

BIOCHEMISTRY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
GAMMA GT	54.7	U/L	13 - 109
BLOOD GLUCOSE FASTING & PP			
BLOOD GLUCOSE FASTING	107.6	mg/dL	70 - 110
BLOOD GLUCOSE PP	180.8	mg/dL	70 - 140

Method (GOD-POD). DONE ON FULLY AUTOMATED ANALYSER (EM200).

- 1. Fasting is required (Except for water) for 8-10 hours before collection for fasting speciman. Last dinner should consist of bland diet.
- 2. Don't take insulin or oral hypoglycemic agent until after fasting blood sample has been drawn

INTERPRETATION

- Normal glucose tolerance : 70-110 mg/dl

- Impaired Fasting glucose (IFG): 110-125 mg/dl

- Diabetes mellitus : >=126 mg/dl

POSTPRANDIAL/POST GLUCOSE (75 grams)

- Normal glucose tolerance: 70-139 mg/dl - Impaired glucose tolerance: 140-199 mg/dl

- Diabetes mellitus : >=200 mg/dl

CRITERIA FOR DIAGNOSIS OF DIABETES MELLITUS

- Fasting plasma glucose >=126 mg/dl
- Classical symptoms +Random plasma glucose >=200 mg/dl
- Plasma glucose >=200 mg/dl (2 hrs after 75 grams of glucose)
- Glycosylated haemoglobin > 6.5%

GLYCOCELATED HEMOGLOBIN (HBA1C)

HBA1C (GLYCOSALATED HAEMOGLOBIN)	6.7	%	Hb A1c > 8 Action suggested < 7 Goal < 6 Non - diabetic level
AVERAGE BLOOD GLUCOSE (A. B. G.)	145.6	mg/dL	NON - DIABETIC : <=5.6 PRE - DIABETIC : 5.7 - 6.4 DIABETIC : >6.5
METHOD	Particle Enhanced Immun	oturbidimetry	

Checked By

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^{***}Any positive criteria should be tested on subsequent day with same or other criteria.



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BIOCHEMISTRY

UNIT REFERENCE RANGE TEST NAME **RESULTS**

HbA1c: Glycosylated hemoglobin concentration is dependent on the average blood glucose concentration which is formed progressively and irreversibly over a period of time and is stable till the life of the RBC/erythrocytes. Average Blood Glucose (A.B.G) is calculated value from HbA1c: Glycosylated hemoglobin concentration in whole Blood. It indicates average blood sugar level over past three months.

Result relates to sample tested, Kindly correlate with clinical findings.

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REPORT ON IMMUNOLOGY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
PSA (PROSTATE SPECIFIC	0.262	ng/ml	0 - 4
ANTIGEN)(TOTAL)			

INTERPRETATION:

(CLIA)

Increased levels are noted in prostate cancer, benign prostatic hypertrophy, prostatitis

Result relates to sample tested, Kindly correlate with clinical findings.

----- END OF REPORT -----

Checked By priti shrivastav

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