

NAME - Mr. Moirangthem Ramesh Singh AGE - 37 /M DATE - 24.02.2024

ADDRESS - **ARCOFEMI HEALTHCARE LIMITED.**

ON EXAMINATION;

Height - 151 cm Wt - 47 kg. Pulse 67 /min

BP - 110/70 mmHg

SYSTEMS

- a) Respiratory - Normal vesicular breath sounds
- No adventitious sound
- b) Cardio Vascular - S1 S2 normal, No murmur
- c) Central Nervous - Normal
- d) Abdomen - Soft
Liver/Spleen - Not palpable
- e) Locomotor - Normal

ECG- - Normal

**CHEST X RAY - Patchy radioopacity is noted in left lower zone.
Both hila appear prominent.**

BIOCHEMICAL ANALYSIS;

ESR	18
SGOT	54.0
SGPT	67.0

Advice: Regular Exercise

Low fat diet

GENERAL PHYSICIAN

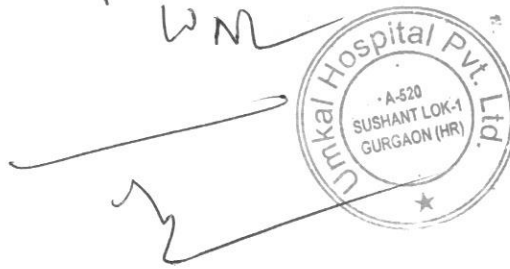


Moiranghem Lamsh Singh
37yr M
24.2.24

VF 6/6
6/6

NVF N-6
N-6

Crow VF WM
WM



Pt. Ravi Singh



O/E - Chest

No wheeze / no
Rales
No other Abnormality
Seen
Clear - Clear

H/O - Depression
+ Anxiety
ON 2016-2018

Amitriptyline
50 mg (one
day)

O/E - Abdomen

P/A - Soft
no Tenderness / no
Tumors / no
no other Abnormality Seen

NO H/O - any
Surgical Features

Pt is Painless
No nodularity
Tumor

O/E - No palpation / no
Crepitus
no other Abnormality Seen

Stump

UNDORNEPT
97.



ENSURE HA 2 SCORAS

[Signature]

Green

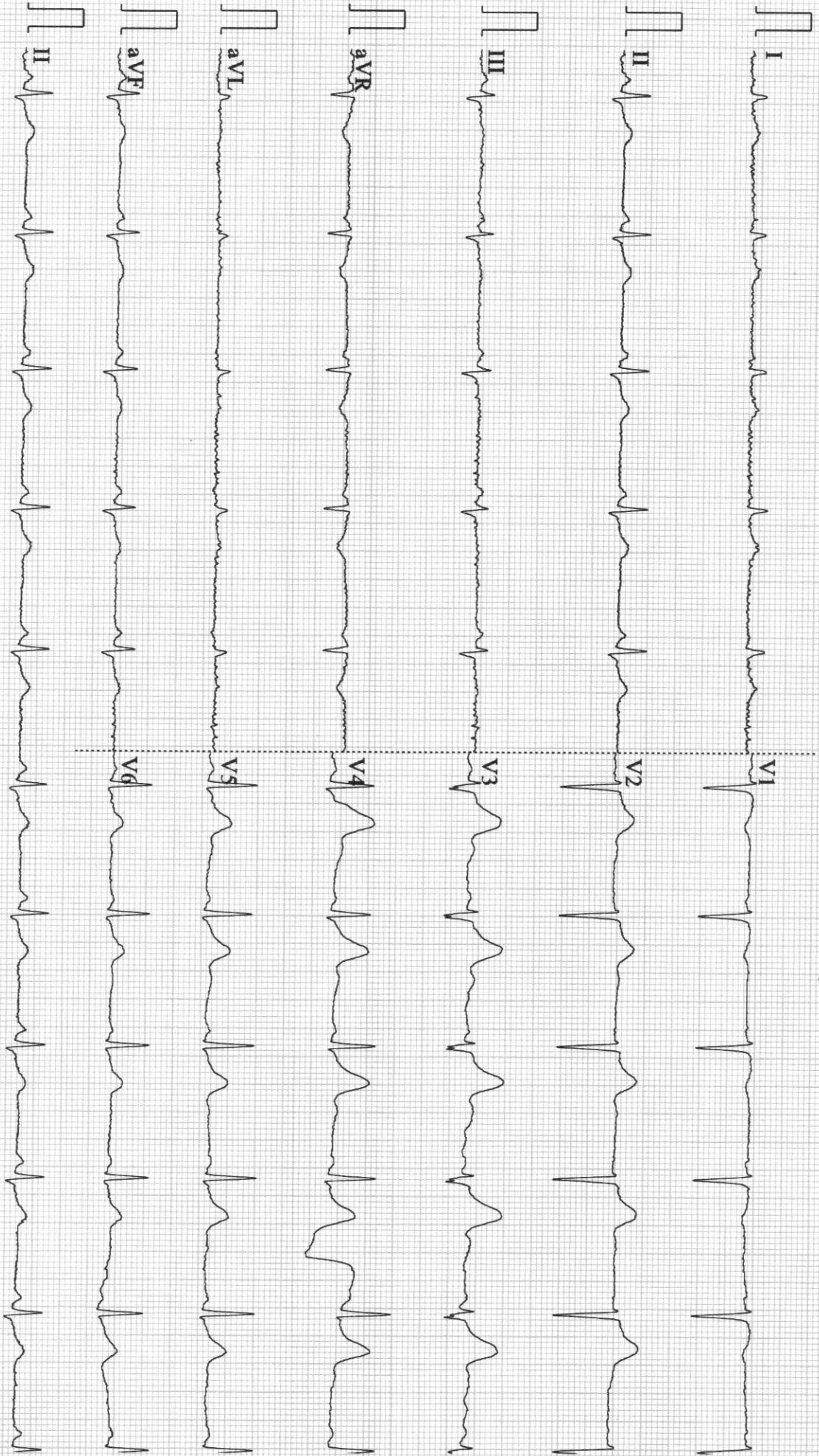


ramesh
Male
Years
Req. No. :

HR : 62 bpm
P : 97 ms
PR : 125 ms
QRS : 91 ms
QT/QTcBz : 411/418 ms
P/QRS/T : 74/29/44 °
RV5/SV1 : 0.881/0.914 mV

Diagnosis Information:
Sinus Rhythm
Normal ECG

Report Confirmed by:



0.67~25Hz AC50 25mm/s 10mm/mV 2*5.0s+1r V2.22 SEMIP V1.92 UMKAL HOSPITAL

Name	: Mr. MOIRANGTHEM RAMESH SINGH	MR No	: UH036908
Age/Gender	: 37 Y/M	Visit ID	: OP047604
Admitting Doctor	:	Order Date	: 24-02-2024 09:54
		Report Date	: 26-02-2024 10:51

Radiology Report

X-Ray

CHEST X-RAY PA VIEW

Finding -

Patchy radioopacity is noted in left lower zone.

Trachea appears in the midline.

Both hila appear prominent.

Cardiac size appears normal.

Both CP angle and cardiophrenic angle appears normal.

Diaphragm appears normal on both sides.

Visualized rib cage appears normal.

Please correlate clinically

DR ARUSHI BHARTIYA
CONSULTANT RADIOLOGIST

Technician

Verified By

UMKAL Hospital Pvt. Ltd

A-520, Sushant Lok-I, Gurugram- 122 002
Ph.: 0124-4 666 555 Mobile : 88600 77501
Emergency Ph No.: 0124 4100000



Name	: Mr. MOIRANGTHEM RAMESH SINGH	MR No	: UH036908
Age/Gender	: 37 Y/M	Visit ID	: OP047604
Admitting Doctor	:	Sample Collected on	: 24-02-2024 10:00
Lab ID No	: LAB064495	Sample Received on	:
		Report Released on	: 24-02-2024 13:00

Laboratory Report

Hematology

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Serum			
CBC WITH ESR			
HAEMOGLOBIN	14.0	gm/dL	13 - 18
TOTAL LEUCOCYTE COUNT	8,200	cell/cum	4000 - 11000
D.L.C = POLYMORPHS	53	%	40 - 75
LYMPHOCYTES	38	%	20 - 45
EOSINOPHILS	06	%	01 - 06
MONOCYTES	03	%	0 - 08
BASOPHILS	00	%	0 - 01
E.S.R (WINTROBE)	18 *	mm/1st	0 - 9
RED BLOOD CELLS	4.9	Millions	3.5 - 5.5
PLATELET COUNT	1.7	lakh/cum	1.5 - 4.5
P.C.V	41.8	%	35 - 50
M.C.V	85.3	fl	80 - 96
M.C.H	28.6	pg	27 - 32
M.C.H.C	33.5	%	32 - 36

End of the report

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Lab Technician

Verified By

CP

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DR. PRIYAVART MEHARWAL
MBBS, MD
Pathologist

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Laboratory Report

Hematology

PERIPHERAL BLOOD SMEAR

SMEAR SHOWS NORMOCYTIC NORMOCHROMIC PICTURE OF RBC'S WITH MILD ANISOPOIKILOCYTOSIS.
WBC'S SERIES SHOWS NORMAL IN COUNT AND MORPHOLOGY.
PLATELETS ARE ADEQUATE.
NO HEMOPARASITES SEEN.

End of the report


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Laboratory Report

Biochemistry

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Serum			
G.G.T.P. 1533			
G.G.T.P.	17.0	U/ML	upto - 47
Sample Type: Serum			
SERUM LIPID PROFILE 1514			
CHOLESTEROL	168.0	mg/dl	150 - 200
SERUM TRIGLYCERIDES	103.8	mg/dl	70 - 170
HDL CHOLESTEROL	45.7	mg/dl	30 - 88
LDL CHOLESTEROL	101.6	mg/dl	upto - 150
VLDL CHOLESTEROL	20.7	mg/dl	20 - 45
TOTAL CHOLESTEROL/HDL	3.6	ref.cut	upto - 4.96
LDL/HDL RATIO	2.2	ref.cut.	upto - 4.96
Sample Type: Serum			
KFT			
BLOOD UREA	38.2	mg/dl	10 - 50
SERUM CREATININE	0.93	mg/dl	0.6 - 1.2
SERUM URIC ACID	6.1	mg/dl	3.5 - 7.0
SERUM SODIUM	141.0	mEq/l	135 - 155
SERUM POTASSIUM	4.3	mEq/l	3.5 - 5.5
SERUM CALCIUM	9.4	mg/dl	8.6 - 10.6

Sample Type: Serum

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BLOOD SUGAR - FASTING

BLOOD SUGAR FASTING	93.4	mg/dl	70 - 110
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Sample Type: Serum

BLOOD SUGAR - PP 1465

BLOOD SUGAR PP 1465	123.8	mg/dl	70 - 140
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Sample Type: Serum

LFT 1513

S.G.O.T	54.0 *	U/L	upto - 40
S.G.P.T	67.0 *	U/L	upto - 45
S. BILIRUBIN (TOTAL)	0.77	mg/dl	0.1 - 1.2
S. BILIRUBIN (DIRECT)	0.29	mg/dl	upto - 0.30
ALKALINE PHOSPHATASE	102.6	U/L	60 - 170
TOTAL PROTEINS	7.3	g/dl	6.5 - 8.0
ALBUMIN	4.3	g/dl	3.5 - 5.5
GLOBUMIN	3.0	g/dl	2.3 - 3.5
A:G RATIO	1.4:1		1.5 - 2.5

Hematology

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
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Sample Type: Whole Blood

BLOOD GROUP (ABO & RH TYPING)	"A" POSITIVE
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End of the report

Aanchal

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Laboratory Report

Biochemistry

HBA1C 1510

Test Name	Value	Unit	Bio Ref.Interval
HbA1c (Glycated Haemoglobin)	5.2	%	4.0 - 6.2

REMARKS-

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycemia. The HbA1c level correlates with the mean glucose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose. It is recommended that the determination of HbA1c be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings.

The American Diabetes Association(ADA) recommendations are summarized as below:

<u>Ref Range for HBA1c (In %):</u>	<u>HbA1c goals in treatment of diabetes:</u>
Non diabetic Adults (Age >=18 years) < 5.7	Ages 0-6 years: 7.6% - 8.4%
At risk (Pre-Diabetic) : 5.7- 6.4	Ages 6-12 years: <8%
Diagnosing Diabetes: >= 6.5	Ages 13-19 years: <7.5%
	Adults: <7%

End of the report

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Laboratory Report

CLINICAL PATHOLOGY

<u>Test Description</u>	<u>Result</u>	<u>Units</u>	<u>Ref Range</u>
Sample Type: Urine			
URINE ROUTINE & MICROSCOPIC 1383			
COLOUR	P.YELLOW		
APPEARANCE	S.TURBID		
SPEC.GRAVITY	1.030		
REACTION	6.0		
ALBUMINE	TRACE		
SUGAR	NIL		
KETONE BODIES	NIL		
BLOOD	NIL		
LEUKOCYTES	NIL		
NITRITE	NIL		
UROBILINOGEN	NIL		
MICROSCOPIC EXAM			
PUS CELLS	3-4	/HPF	0 - 05
RBC CELLS	NIL	/HPF	0 - 02
EP CELLS	6-8	/HPF	0 - 05
CASTS	NIL		
CRYSTALS	NIL		
BACTERIA	(+)		
OTHER	NIL		

End of the report

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DR. PRIYAVART MEHARWAL
MBBS, MD
Pathologist

Mr. MOIRANGTHAM RAMESH

Panel : Umkal Hospital
A-520 Sushant Lok-I, Gurugram, Haryana
122022

Patient Id :
Collected : 24 Feb 2024 03:01 PM
Analysed : 24 Feb 2024 03:01 PM
Reported : 24 Feb 2024 03:01 PM
Status : Final



1098701

37 Years/Male

Referred By : SELF

DEPARTMENT OF IMMUNOASSAY

Test Name	Value	Unit	Bio Ref.Interval
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TFT (Thyroid Function Test) Total

Triiodothyronine, Total (T3)	101	ng/dL	60-181
Thyroxine, Total (T4)	7.49	ug/dL	4.87-11.72
TSH Ultra Sensitive	3.27	µU/ml	0.35-5.5

Comment

T₃ or 3,5,3 triiodothyronine is a hormone synthesized and secreted from the thyroid gland, and formed by peripheral deiodination of thyroxine (T₄). The determination of it in serum is essential in assessing thyroid functions. T₃ is secreted by thyroid glands and circulates in the blood stream; mostly bound to the plasma protein, thyroxin binding globulin (TBG) and prealbumin and albumin.

T₄ or Thyroxine or 3,5,3,5-tetraiodothyronine is a hormone synthesized and secreted by the thyroid gland and plays an important role in regulating metabolism. In the peripheral tissues it act as a prohormone which is further metabolized to another most active thyroid hormone, triiodothyronine (T₃) and other inactive metabolites such as reverse T₃.

TSH or Thyroid-stimulating hormone is a hormone synthesized and secreted by Pituitary gland. TSH is glycoprotein with two non-covalently bound alpha and beta subunits. The beta subunit of TSH is unique, which results in the specific biochemical and immunological properties of this hormone. The ability to quantitate circulating levels of TSH is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism.

Reference Ranges for T₃, T₄ and TSH (Age Wise and During Pregnancy):

Age	Total T ₃ (ng/dl)
1 - 6 days	73 - 288
6 days -3 months	80 - 275
4 - 12 months	86 - 265
1 - 6 years	92 - 248
7 - 11 years	93 - 231
12 - 20 years	91 - 218
>20 years	60 - 181

Age	Total T ₄ (µg/dl)
1 - 6 days	5.04 - 18.5
6 days -3 months	5.41 - 17.0
4 - 12 months	5.67 - 16.0
1 - 6 years	5.95 - 14.7
7 - 11 years	5.99 - 13.8
12 - 20 years	5.91 - 13.2
>20 years	4.50 - 12.6

Age	TSH (µU/ml)
1 - 6 days	0.7 - 15.0
6 days -3 months	0.72 - 11.0
4 - 12 months	0.73 - 8.35
1 - 6 years	0.70 - 5.97
7 - 11 years	0.60 - 5.84
12 - 20 years	0.51 - 6.50
>20 years	0.13 - 6.33

Pregnancy Trimester	TSH (µU/ml)
First Trimester	0.10 - 2.5
Second Trimester	0.20 - 3.0
Third Trimester	0.30 - 3.0

*** End Of Report ***

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Ph.: 0124-4 666 555 Mob: 98600 77501

Emergency Ph No.: 0124-4000000

Dr. Yashveer Singh, MD Pathology
Chief Consultant Pathologist



Dr. Santosh Kumar, PhD Microbiology
Sr. Consultant Microbiologist

