

NETHRADHAMA SUPER SPECIALITY EYE HOSPITAL

NO 1118 GEETHA ROAD, CHAMARAJAPURAM

MYSORE-570005, KARNATAKA

CASE SHEET

Name: MADHUSUDHAN G V OP No: 60P1293855 Gender: Male Age: 38 Date : 29/03/2024

Complaint

S.No	Eye	Complaint	Duration	Туре	Remarks
2	BE	FOR MEDICAL CERTIFICATE	1	Days	

Diagnosis

Eye	ICDCode	ICD	Version	Remarks
BE	H52.7	Disorder of refraction - H52.7 - 10	10	
BE	25692	REFRACTIVE ERROR - 25692 - 9	9	

SCHIRMER'S Test & TBUT

IOP

Туре	NCT		DVT Flag	DVT1	DVT2	DVT3	DVT4	
Target								
	BD	AD	CL	RE				
RE	13			LE				
LE	13			Time	12:00 AM	12:00 AM	12:00 AM	12:00 AM

AR

RE	SPH	CYL	AXIS	LE	SPH	CYL	AXIS
BD	-0.50	-0.75	150	BD	-1.50	-0.25	145
AD				AD			

VisionDetail

RE	UCVA	PG	PH	LE	UCVA	PG	PH

DV	6/18	6/12	DV	6/24	6/9
NV	N6		NV	N6	

Subjective

RE	SPH	CYL	AXIS	VA	LE	SPH	CYL	AXIS	VA
Dist	-0.50	-0.50	150	6/6	Dist	-1.50			6/6
Near				N6	Near				N6

Color Vision

Chart Type	1
RE	38/38
LE	38/38
Remarks	

Recommendations

User Name	Recommendations
Dr Naveen K	BE ANT SEG AND FUNDUS WNL ADV : YEARLY R/W

This visit was Electronically Signed by MANASA on 3/29/2024 5:14:14 PM.

This visit was Electronically Signed by Dr Naveen K on 3/29/2024 5:24:01 PM.

NETHRADHAMA

Super Speciality Eye Hospita. (A Unit of Nethradhama Hospitals Pvt. Lto No. 1118, Geetha Road, Chamarajapuram ma-570005 Ph : 0821-4283000



FITNESS CERTIFICATE

NAME: Madhergudhon G.V	AGE: Male	
Ht: 169 CMS	WI: 60 KGS	SEX: Mole

PARAMETERS	MEASUREMENTS
PULSE / BP (supine)	72 /mt / /mmHg 130/80
INSPIRATION	38 .
EXPIRATION	38
CHEST CIRCUMFERENCE	39
PREVIOUS ILLNESS	NU
VISION	
FAMILY HISTORY	FATHER: JACC MOTHER: JACC

REPORTS:

Within nonal inits F?+'

89 103/2024 Myrcea

DATE:

PLACE:

NIKHIL, B. M.D., D.M.(Cardiologist) CONSULTANT PHYSICIAMIonal Cardiologist Internet Reg. No.: 90111

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Name	MR.V MADHUSUDAN G	ID	MED112132396	1
Age & Gender	38Y/MALE	Visit Date	29/03/2024	
Ref Doctor Name	MediWheel			Μ

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in size and shows slightly increased echotexture.

No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER show normal shape and has clear contents. Gall bladder wall is of normal thickness. CBD is of normal calibre.

PANCREAS has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN show normal shape, size and echopattern.

KIDNEYS move well with respiration and have normal shape, size and echopattern.

Cortico- medullary differentiations are well madeout.

No evidence of hydronephrosis.

Non obstructing calculus measuring ~ 4.1mm is noted in the mid calyx of right kidney.

	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	9.4	1.7
Left Kidney	9.2	1.9

URINARY BLADDER show normal shape and wall thickness.

It has clear contents.

PROSTATE shows normal shape, size and echopattern. No evidence of ascites.

Impression:

- ➢ Grade I Fatty Changes In Liver.
- > Non Obstructing Right Renal Calculus.

CONSULTANT RADIOLOGISTS

DR. ANITHA ADARSH MB/mm

DR. MOHAN B

Name PID No. SID No. Age / Sex Type Ref. Dr	: Mr. V MADHUSUDAN (MED112132396 712410045 38 Year(s) / Male OP MediWheel	Register On	: 29/03 : 30/03	/2024 9:15 AM 8/2024 10:04 AM 8/2024 11:15 AM 8/2024 12:56 PM	DIAGNOSTICS
<u>Investiga</u> <u>HAEN</u>	ation <u>IATOLOGY</u>		<u>served</u> alue	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
<u>Complet</u>	e Blood Count With - ESR	-			
Haemog (EDTA Bl	lobin ood/Spectrophotometry)		17.1	g/dL	13.5 - 18.0
	RETATION: Haemoglobin value, renal failure etc. Higher value				n values may be due to nutritional deficiency, hypoxia etc.
PCV (Pa	ucked Cell Volume) / Haem	-	48.3	%	42 - 52
RBC Co (EDTA Bl	unt ood/Automated Blood cell Counte		5.81	mill/cu.mm	4.7 - 6.0
	fean Corpuscular Volume) ood/Derived from Impedance)		83.0	fL	78 - 100
	Iean Corpuscular Haemogl ood/Derived)	obin)	29.4	pg	27 - 32
concentr	Mean Corpuscular Haemog ation) ood/Derived)	globin	35.4	g/dL	32 - 36
RDW-C (Derived)	V		14.1	%	11.5 - 16.0
RDW-SI (Derived)	D		40.96	fL	39 - 46
	BC Count (TC) ood/Derived from Impedance)		5640	cells/cu.mm	4000 - 11000
Neutropl (Blood/Imp	hils pedance Variation & Flow Cytom	etry)	65	%	40 - 75
Lympho			27	%	20 - 45

(Blood/Impedance Variation & Flow Cytometry)





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Name	: Mr. V MADHUSUDAN G	
PID No.	: MED112132396	Register On : 29/03/2024 9:15 AM
SID No.	: 712410045	Collection On : 29/03/2024 10:04 AM
Age / Sex	: 38 Year(s) / Male	Report On : 30/03/2024 11:15 AM
Туре	: OP	Printed On : 30/03/2024 12:56 PM

Ref. Dr

: MediWheel

C medall DIAGNOSTICS

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	03	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	05	%	01 - 10
Basophils (Blood/Impedance Variation & Flow Cytometry)	00	%	00 - 02
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	3.67	10^3 / µl	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	1.52	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.17	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.28	10^3 / µl	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.00	10^3 / µl	< 0.2
Platelet Count (EDTA Blood/Derived from Impedance)	214	10^3 / µl	150 - 450
MPV (Blood/Derived)	11.1	fL	7.9 - 13.7
РСТ	0.24	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citrated Blood/Automated ESR analyser)	05	mm/hr	< 15





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Туре	: OP	Printed On : 30/03/2024 12:56 PM	DIAGNOSTICS
Ref. Dr	: MediWheel		

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
BIOCHEMISTRY			
Liver Function Test			
Bilirubin(Total) (Serum/Diazotized Sulfanilic Acid)	0.9	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.3	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.60	mg/dL	0.1 - 1.0
Total Protein (Serum/ <i>Biuret</i>)	7.5	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	5.0	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	2.50	gm/dL	2.3 - 3.6
A : G Ratio (Serum/Derived)	2.00		1.1 - 2.2
INTERPRETATION: Remark : Electrophoresis is the p	preferred method		
SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC / Kinetic)	15	U/L	5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC / Kinetic)	7	U/L	5 - 41
Alkaline Phosphatase (SAP) (Serum/PNPP / Kinetic)	80	U/L	53 - 128
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	19	U/L	< 55





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Age / Sex	: 38 Year(s) / Male	Report On : 30/03	3/2024 11:15 AM	nedall
Туре	: OP	Printed On : 30/03	/2024 12:56 PM	AGNOSTICS
Ref. Dr	: MediWheel			

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Lipid Profile			
Cholesterol Total (Serum/Oxidase / Peroxidase method)	151	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/Glycerol phosphate oxidase / peroxidase)	96	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the `usual_ circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	33	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/ <i>Calculated</i>)	98.8	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >=190
VLDL Cholesterol (Serum/Calculated)	19.2	mg/dL	< 30
Non HDL Cholesterol (Serum/ <i>Calculated</i>)	118.0	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220





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Туре	: OP	Printed On	: 30/03	/2024 12:56 PM	DIAGNOSTICS
Ref. Dr	: MediWheel				
Investiga	ation		<u>erved</u> alue	<u>Unit</u>	Biological Reference Interval
2.It is the	RETATION: 1.Non-HDL Cholester sum of all potentially atherogenic pr y target for cholesterol lowering ther	ol is now proven to oteins including Ll	be a bette		
Total Ch (Serum/Ca	olesterol/HDL Cholesterol Rat	o	4.6		Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglycer (TG/HD) (Serum/Ca	/		2.9		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HD (Serum/Ca	DL Cholesterol Ratio		3		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0

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Name PID No. SID No. Age / Sex Type Ref. Dr	 Mr. V MADHUSUDAN G MED112132396 712410045 38 Year(s) / Male OP MediWheel 	Collection On Report On	: 29/03/2 : 30/03/2	024 9:15 AM 2024 10:04 AM 2024 11:15 AM 2024 12:56 PM	DIAGNOSTICS
Investiga Glycosyl	ation ated Haemoglobin (HbA1c)		erved lue	<u>Unit</u>	Biological Reference Interval
HbA1C (Whole Blo	ood/HPLC)	:	5.3	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5
INTERPH	RETATION: If Diabetes - Good co	ntrol : 6.1 - 7.0 % , F	air control	: 7.1 - 8.0 % , Poor	

Estimated Average Glucose 105.41 mg/dl

(Whole Blood)

INTERPRETATION: Comments

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.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency, hypertriglyceridemia,hyperbilirubinemia,Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values. Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly,Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.





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Туре	: OP	Printed On : 30/03/2024 12:56 PM	DIAGNOSTICS
Ref. Dr	: MediWheel		

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> <u>Reference Interval</u>
BIOCHEMISTRY			
BUN / Creatinine Ratio	7.5		
Glucose Fasting (FBS) (Plasma - F/GOD- POD)	85	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Urine sugar, Fasting (Urine - F)	Nil		Nil
Glucose Postprandial (PPBS) (Plasma - PP/GOD - POD)	74	mg/dL	70 - 140

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	9.8	mg/dL	7.0 - 21
Creatinine	1.3	mg/dL	0.9 - 1.3

(Serum/Jaffe Kinetic)

INTERPRETATION: Elevated Creatinine values are encountered in increased muscle mass, severe dehydration, Pre-eclampsia, increased ingestion of cooked meat, consuming Protein/ Creatine supplements, Diabetic Ketoacidosis, prolonged fasting, renal dysfunction and drugs such as cefoxitin ,cefazolin, ACE inhibitors ,angiotensin II receptor antagonists,N-acetylcyteine , chemotherapeutic agent such as flucytosine etc.

Uric Acid	5.9	mg/dL	
(Serum/Uricase/Peroxidase)			



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3.5 - 7.2

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Name PID No. SID No. Age / Sex Type Ref. Dr	 : Mr. V MADHUSUDAN G : MED112132396 : 712410045 : 38 Year(s) / Male : OP : MediWheel 	Register On Collection On Report On Printed On	: 29/0 : 30/0	3/2024 9:15 AM 3/2024 10:04 AM 3/2024 11:15 AM 3/2024 12:56 PM	DIAGNOSTICS
<u>Investiga</u> IMMU	ation JNOASSAY		served alue	<u>Unit</u>	Biological Reference Interval
T3 (Triic (Serum/EC INTERPH Comment Total T3 v	RETATION:		1.43 drugs, ne	ng/ml phrosis etc. In such ca	0.7 - 2.04 ases, Free T3 is recommended as it is
	xine) - Total		7.86	μg/dl	4.2 - 12.0
Comment Total T4 v		ion like pregnancy,	drugs, ne	phrosis etc. In such ca	ases, Free T4 is recommended as it is
TSH (Th (Serum/EC	yroid Stimulating Hormone)		1.54	µIU/mL	0.35 - 5.50
Reference 1 st trimes 2 nd trime 3 rd trimes (Indian Th Comment 1.TSH refe	erence range during pregnancy dep				ncentration, race, Ethnicity and BMI.

2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%,hence time of the day has influence on the measured serum TSH concentrations. 3.Values&lt;0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

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Туре	:	OP	Printed On	:	30/03/2024 12:56 PM	DIAGNOSTICS	
Ref. Dr	:	MediWheel					

Investigation <u>CLINICAL PATHOLOGY</u>	<u>Observed</u> <u>Value</u>	<u>Unit</u>	Biological Reference Interval
PHYSICAL EXAMINATION			
Colour (Urine/Physical examination)	Pale Yellow		Yellow to Amber
Volume (Urine/Physical examination)	15		ml
Appearance (Urine)	Clear		
CHEMICAL EXAMINATION			
pH (Urine)	6.0		4.5 - 8.0
Specific Gravity (Urine/Dip Stick - Reagent strip method)	1.005		1.002 - 1.035
Protein (Urine/Dip Stick - Reagent strip method)	Negative		Negative
Glucose (Urine)	Nil		Nil
Ketone (Urine/Dip Stick ⁻ Reagent strip method)	Nil		Nil
Leukocytes (Urine)	Negative	leuco/uL	Negative
Nitrite (Urine/Dip Stick [–] Reagent strip method)	Nil		Nil
Bilirubin (Urine)	Negative	mg/dL	Negative
Blood (Urine)	Nil		Nil





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Ref. Dr	: MediWheel		

Investigation	<u>Observed</u> <u>Value</u>	<u>Unit</u>	<u>Biological</u> Reference Interval
Urobilinogen (Urine/Dip Stick ⁻ Reagent strip method)	Normal		Within normal limits
<u>Urine Microscopy Pictures</u>			
RBCs (Urine/ <i>Microscopy</i>)	Nil	/hpf	NIL
Pus Cells (Urine/ <i>Microscopy</i>)	2-3	/hpf	< 5
Epithelial Cells (Urine/Microscopy)	2-3	/hpf	No ranges
Others (Urine)	Nil		Nil





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-- End of Report --



Name	Mr. V MADHUSUDAN G	ID	MED112132396
Age & Gender	38Y/M	Visit Date	Mar 29 2024 9:14AM
Ref Doctor	MediWheel		

X - RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

<u>Impression</u>: No significant abnormality detected.

DR. MOHAN. B (DMRD, DNB, EDIR, FELLOW IN CARDIAC MRI) CONSULTANT RADIOLOGIST

Name	MR.V MADHUSUDAN G	ID	MED112132396	
Age & Gender	38Y/MALE	Visit Date	29/03/2024	
Ref Doctor Name	MediWheel			MEDALL

<u>2 D ECHOCARDIOGRAPHIC STUDY</u>

M mode measurement:

AORTA			:	2.8cms
LEFT ATRIUM			:	3.0cms
LEFT VENTRICLE	(DIASTOLE))	:	3.8cms
(SYS	TOLE)	:	2.4cm	IS
VENTRICULAR SEPTUM	(DIASTOLE)		:	1.0cms
(SYS	TOLE)	:	1.3cm	IS
POSTERIOR WALL	(DIASTOLE)		:	0.9cms
(SYST	TOLE)	:	1.2cm	IS
EDV			:	86ml
ESV			:	32ml
FRACTIONAL SHORTENI	NG		:	32%
EJECTION FRACTION			:	65%
RVID			:	1.7cms

DOPPLER MEASUREMENTS:

MITRAL VALVE	: E' -	0.90m/s	A' - 0.45m/s	NO MR
AORTIC VALVE	:	1.10m/s		NO AR
TRICUSPID VALVE	: E' -	0.50m/s	A' - 0.30m/s	NO TR
PULMONARY VALVE	:	0.79m/s		NO PR

2D ECHOCARDIOGRAPHY FINDINGS:

Left ventricle

: Normal size, Normal systolic function.

Name	MR.V MADHUSUDAN G	ID	MED112132396	
Age & Gender	38Y/MALE	Visit Date	29/03/2024	
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No regional wall motion abnormalities.

Left Atrium	: Normal.
Right Ventricle	: Normal.
Right Atrium	: Normal.
Mitral valve	: Normal, No mitral valve prolapse.
Aortic valve	: Normal, Trileaflet.
Tricuspid valve	: Normal.
Pulmonary valve	: Normal.
Pulmonary valve	: Normal. : Intact.
-	

IMPRESSION:

- > NORMAL SIZED CARDIAC CHAMBERS.
- > NORMAL LV SYSTOLIC FUNCTION. EF: 65 %.
- > NO REGIONAL WALL MOTION ABNORMALITIES.
- > NORMAL VALVES.
- > NO CLOTS/ PERICARDIAL EFFUSION VEGETATION.



DR. NIKHIL B INTERVENTIONAL CARDIOLOGIST NB/mm

