

LOKPRIYA HOSPII





DEPARTMENT OF NON-INVASIVE CARDIOLOGY

DATE

: 07/04/2023

REFERENCE NO.: 69115

PATIENT NAME

: DEEPAK

AGE/SEX

: 34YRS/M

REFERRED BY

: DR. MONIKA GARG

ECHOGENECITY: NORMAL

REFERRING DIAGNOSIS: To rule out structural heart disease.

ECHOCARDIOGRAPHY REPORT

DIMENSIONS	NORMAL			NORMAL
AO (ed) 2.7 cm	(2.1 - 3.7 cm)	IVS (ed)	1.0 cm	(0.6 - 1.2 cm)
LA (es) 3.0 cm	(2.1 - 3.7 cm)	LVPW (ed)	1.0 cm	(0.6 - 1.2 cm)
RVID (ed) 1.2 cm	(1.1 - 2.5 cm)	EF	60%	(62% - 85%)
LVID (ed) 3.6 cm	(3.6 - 5.2 cm)	FS	<i>30%</i>	(28% - 42%)
LVID (es) 2.5 cm	(2.3 - 3.9 cm)			

MORPHOLOGICAL DATA:

Mitral Valve: AML: Normal

Interatrial septum

: Intact

PML: Normal

Interventricular Septum : Intact

Aortic Valve

: Normal

Pulmonary Artery

: Normal

Tricuspid Valve

: Normal

Aorta

: Normal

Pulmonary Valve: Normal

Right Atrium

: Normal

Right Ventricle

: Normal

Left Atrium

: Normal

Left Ventricle

: Normal

Cont. Page No. 2

Services : Ambulance





LOKPRIYA HOSPITAL



SAMRAT PALACE, GARH ROAD, MEERUT - 250003

:: 2 ::

2-D ECHOCARDIOGRAPHY FINDINGS:

LV normal in size with normal contractions. No LV regional wall motion abnormality seen. RV normal in size with adequate contractions. LA and RA normal. All cardiac valves are structurally normal. No Chamber Hypotrophy/intracardiac mass. Estimated LV ejection fraction is 60%.

DOPPLER STUDIES:

Valve	Regurgitation	Velocity m/sec	Gradient mmHg
Mitral Valve	No	0.77	+ 2.3
Tricuspid Valve	No	0.86	2.6
Pulmonary Valve	No	0.67	. 2.1
Aortic Valve	No	0.93	3.3

IMPRESSION:

No RWMA.

Normal LV Systolic Function (LVEF = 60%).

DR. SANJEEV KUMAR BANSAL MD, Dip. CARD (Cardiology) FCCS (Non-Invasive Cardiology) Lokpriya Heart Centre DR. HARIOM TYAGI MD, DM (Cardiology) (Interventional Cardiologist) Director, Lokpriya Heart Centre

NOTE: Echocardiography report given is that of the procedure done on that day and needs to be correlated clinically. This is not for medico legal purpose, as patient's identity is not confirmed. No record of this report is kept in the Hospital.

Accredited Eye Hospital Western U.P.

NABH ACCREDITED

EYE HOSPITAL & LASER CENTRE

Dr. AMIT GA

M.B.B.S., D.N.B. (Opth.)

I-Lasik (Femto) Bladefree Topical Micro Phaco & Medical Retina Specialist

Ex. Micro Phaco Surgeon Venu Eye Institute & Research Centre, New Delhi

Name Mr Deepok

......Age/Sex34__/_M__C/o

Routine check up

Dr. AMIT GARG M.B.B.S., D.N.B. Garg Pathology, Meerui



प्रदाश ऑंखों का अस्पताल एवं लेजर सैन्टर

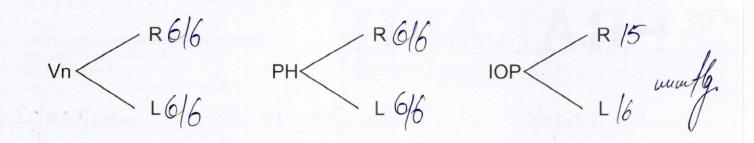


Website: www.prakasheyehospital.in Facebook: http://www.prakasheyehospital.in Counsellor 9837066186

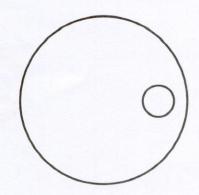
7535832832 Manager 7895517715 OT

7302222373 **TPA** 9837897788 Timings Morning: 9:30 am to 1:30 pm. Evening: 5:00 pm to 7:00 pm.

Sunday: 9:30 am to 1:30 pm. Near Nai Sarak, Garh Road, Meerut E-mail: prakashevehosp@gmail.com



	RIGHT EYE				LE	T EYE		
	Sph.	Cyl.	Axis	Vision	Sph.	Cyl.	Axis	Vision
Distance Near								







Dr. WONIKA GARG M.B.B.S., M.D. (Path.) GARG PATHOLOGY

Devely

Unique Identification Authority of India

पताः

S/O: चरण सिंह, 70, कुम्हारो वाली S/O: Charan Singh, 70, वाली, जल्ली वाडा, मेरठ, मेरठ नगर, KUMHARO WALI GALI, JATTI WARA, Meent months of the state WARA, Meerut, meerut City, Uttar Pradesh, 250002

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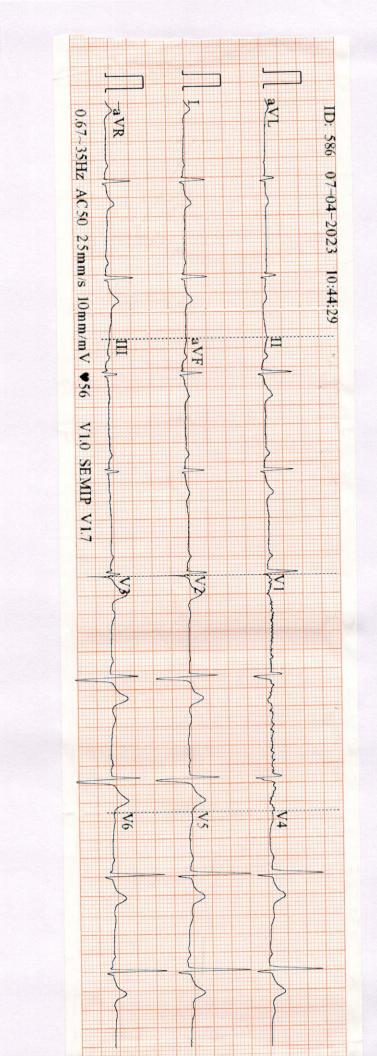
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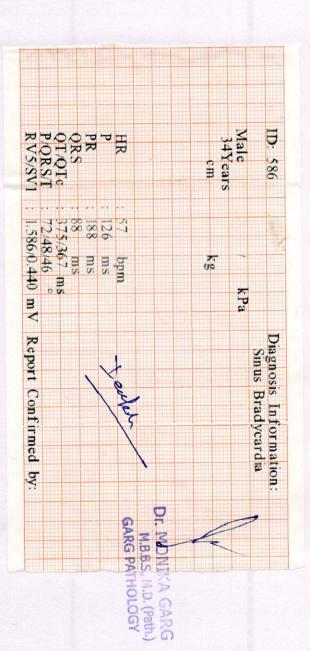
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Certified by

Former Pathologist :

National Accreditation Board For Testing & Calibration Laboratories Garden House Colony, Near Nai Sarak, Garh Road, Meerut

C. NO: 601

St. Stephan's Hospital, Delhi

Ph.: 0121-2600454, 8979608687, 9837772828

PUID : 230408/601 **Patient Name**

: Mr. DEEPAK 34Y1D / Male

Collection Time

: 08-Apr-2023 8:46AM

Referred By

LIATMOCLODIN

: Dr. BANK OF BARODA

Receiving Time Reporting Time ¹ 08-Apr-2023 8:54AM : 08-Apr-2023 10:18AM

Sample By

Centre Name

الم/ ممانية

: Garg Pathology Lab - TPA

120170

Organization Investigation Results Units **Biological Ref-Interval**

HAEMATOLOGY (EDTA WHOLE BLOOD)

COMPLETE BLOOD COUNT

HAEMOGLOBIN	12.6	gm/dl	13.0-17.0
(Colorimetry)			
TOTAL LEUCOCYTE COUNT	4120	*10^6/L	4000 - 11000
(Electric Impedence)			
DIFFERENTIAL LEUCOCYTE COUNT			
(Microscopy)			
Neutrophils	51	%.	40-80
Lymphocytes	44	%.	20-40
Eosinophils	02	%.	1-6
Monocytes	03	%.	2-10
Basophils	00	%.	<1-2
Band cells	00	%	0-5
Absolute neutrophil count	2.10	x 10^9/L	2.0-7.0(40-80%
Absolute lymphocyte count	1.81	x 10^9/L	1.0-3.0(20-40%)
Absolute eosinophil count	0.08	x 10^9/L	0.02-0.5(1-6%)
Method:-((EDTA Whole blood,Automated /			
ESR (Autometed Wsetergren`s)	10	mm/1st hr	0.0 - 10.0
RBC Indices			
TOTAL R.B.C. COUNT	4.90	Million/Cumm	4.5 - 6.5
(Electric Impedence)			
Haematocrit Value (P.C.V.)	42.6	%	26-50
MCV	86.9	fL	80-94
(Calculated)			
MCH	25.7	pg	27-32
(Calculated)			
MCHC	29.6	g/dl	30-35
(Calculated)			

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Centre Name

: Garg Pathology Lab - TPA

Organization .			
Investigation	Results	Units	Biological Ref-Interval
RDW-SD	49.4	fL	37-54
(Calculated)			
RDW-CV	13.8	%	11.5 - 14.5
(Calculated)			
Platelet Count	2.19	/Cumm	1.50-4.50
(Electric Impedence)			
MPV	10.0	%	7.5-11.5
(Calculated)			
NLR	1.16		1-3
6-9 Mild stres			

- -NLR is a reflection of physiologic stress, perhaps tied most directly to cortisol and catecholamine levels.
- -NLR can be a useful tool to sort out patients who are sicker, compared to those who are less sick (its not specific to infection).
- -NLR has proven more useful than white blood cell count (WBC) when the two are directly compared. Ultimately, NLR may be a logical replacement for the WBC. In some situations, NLR is competitive with more expensive biomarkers (e.g. procalcitonin, lactate).
- -With specific clinical contexts (e.g. pancreatitis, pulmonary embolism), NLR may have surprisingly good prognostic value.

BLOOD GROUP *

7-9 Pathological cause

"B" POSITIVE

\$



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Investigation	Results	Units	Biological Ref-Interval

GLYCATED HAEMOGLOBIN (HbA1c)* 5.8 4.3-6.3

ESTIMATED AVERAGE GLUCOSE

119.8

mg/dl

EXPECTED RESULTS:

Non diabetic patients & Stabilized diabetics : 4.3% to 6.30%

> Good Control of diabetes 6.4% to 7.5% Fair Control of diabetes 7.5% to 9.0% Poor Control of diabetes 9.0 % and above

-Next due date for HBA1C test: After 3 months

-High HbF & Trig.level, iron def.anaemia result in high GHb

-Haemolyic anemia, presence of HbS, HbC and other Haemoglobinopathies may produce low values. three months.

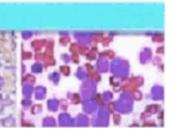
INTERPRETATION: HbA1c is an indicator of glycemic control. HbA1c represents average glycemia over the past six to eight weeks. Glycation of hemoglobin occurs over the entire 120 day life span of the red blood cell, but with in this 120 days. Recent glycemia has the largest influence on the HbA1c value. Clinical studies suggest that a patient in stable control will have 50% of their HbA1c formed in the month before sampling, 25% in the month before that, and the remaining 25% in months two to four. Mean Plasma Glucose mg/dl = (HbA1c x 35.6) - 77.3) Correlation between HbA1c and Mean Plasma Glucose (MPG) is not "perfect" but rather only this means that to predict or estimate average glucose from Hb-A1c or vice-versa is not "perfect" but gives a good working ballpark estimate. Afternoon and evening results correlate more closely to HbA1c than morning results, perhaps because morning fasting glucose levels vary much more than daytime glucose levels, which are easier to predict and control.

As per IFCC recommendations 2007, HbA1c being reported as above maintaining traceability to both IFCC (mmol/mol) & NGSP (%) units.

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Receiving Time

¹ 08-Apr-2023 8:54AM : 08-Apr-2023 4:06PM

Sample By

Reporting Time Centre Name

: Garg Pathology Lab - TPA

Investigation Results Units **Biological Ref-Interval**

BIOCHEMISTRY (FLORIDE)

PLASMA SUGAR FASTING

88.0

mg/dl

70 - 110

(GOD/POD method)

(GOD/POD method)

PLASMASUGAR P.P.

101.0

mg/dl

80-140

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: 08-Apr-2023 4:06PM

Sample By Organization **Centre Name**

: Garg Pathology Lab - TPA

Investigation	Results	Units	Biological Ref-Interval
	BIOCHEMISTRY (SERUM)		

SERUM CREATININE	0.8	mg/dl	0.6-1.4
(Enzymatic)			
URIC ACID	4.1	mg/dL.	3.6-7.7
BLOOD UREA NITROGEN	10.80	mg/dL.	8-23



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: 08-Apr-2023 4:06PM : Garg Pathology Lab - TPA

Organization :			
Investigation	Results	Units	Biological Ref-Interval
LIVER FUNCTION TEST			
SERUM BILIRUBIN			
TOTAL	0.6	mg/dl	0.1-1.2
(Diazo)			
DIRECT	0.3	mg/dl	<0.3
(Diazo)			
INDIRECT	0.3	mg/dl	0.1-1.0
(Calculated)			
S.G.P.T.	22.0	U/L	8-40
(IFCC method)			
S.G.O.T.	20.0	U/L	6-37
(IFCC method)			
SERUM ALKALINE PHOSPHATASE	75.0	IU/L.	50-126
(IFCC KINETIC)			
SERUM PROTEINS			
TOTAL PROTEINS	7.0	Gm/dL.	6-8
(Biuret)			
ALBUMIN	4.0	Gm/dL.	3.5-5.0
(Bromocresol green Dye)			
GLOBULIN	3.0	Gm/dL.	2.5-3.5
(Calculated)			
A: G RATIO	1.3		1.5-2.5
(Calculated)			



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Organization

Reporting Time Centre Name

: Garg Pathology Lab - TPA

Investigation Results Units Biological Ref-Interval

PSA* 0.751 ng/ml

ECLIA

NORMAL VALUE

Age (years)	Medain (ng/ml)
<49	<2.0
50-59	<3.5
60-69	<4.5
70-79	<6.5



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Investigation	Results	Units	Biological Ref-Interval
LIPID PROFILE			
SERUM CHOLESTEROL	150.0	mg/dl	150-250
(CHOD - PAP)			
SERUM TRIGYCERIDE	93.0	mg/dl	70-150
(GPO-PAP)			
HDL CHOLESTEROL *	43.6	mg/dl	30-60
(PRECIPITATION METHOD)			
VLDL CHOLESTEROL *	18.6	mg/dl	10-30
(Calculated)			
LDL CHOLESTEROL *	87.8	mg/dL.	0-100
(Calculated)			
LDL/HDL RATIO *	02.0	ratio	<3.55
(Calculated)			
CHOL/HDL CHOLESTROL RATIO*	3.4	ratio	3.8-5.9
(Calculated)			

Interpretation:

NOTE:

Lipid Profile Ranges As PER NCEP-ATP III:

SERUM CHOESTEROL : Desirable : < 200 Borderline : 200 - 239 Elevated :> 240 mg/dl HDLCHOLESTEROL : Desirable : > 60 Borderline : 40- 60 Decreased :< 40 mg/dl LDL CHOLESTEROL : Desirable : 100 mg/dl, Borderline : 100- 159 Elevated : >160 mg/dl : Desirable : 150 Borderline : 150- 199 High : 200 - 499 Very High :>500 Triglycerides

Friedwald Equation, VLDL & LDL values are not applicable for triglyceride > 400 mg/dl.

SERUM SODIUM (Na) *

139.8

mEq/litre

135 - 155

(ISE method) (ISE)

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^{*}Paitient Should be Fast overnight For Minimum 12 hours and normal diet for one week*



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Reporting Time

: 08-Apr-2023 4:06PM

Sample By

Centre Name

: Garg Pathology Lab - TPA

Organization

Investigation	Results	Units	Biological Ref-Interval
THYRIOD PROFILE*			
Triiodothyronine (T3) * (ECLIA)	0.954	ng/dl	0.79-1.58
Thyroxine (T4) * (ECLIA)	8.944	ug/dl	4.9-11.0
THYROID STIMULATING HORMONE (TSH) (ECLIA)	3.070	uIU/ml	0.38-5.30
Normal Range:-			

2.7-26.5 1 TO 4 DAYS 4 TO 30 DAYS 1.2-13.1

Hyperthyroid patient have suppressed TSH values, with the exception of those few individuals whos have hyperthyroidism caused by TSH producing pituitary tumor or other rare disordes such as pituitary resistance to thyroid hormones. Subclinical hyperthyroidism is defined as low TSH with levels of T4 and T3 within the reference interval. In most patients with hypothyroidism, serum TSH results are markedly elevated, but results are low in individuals with hypothyroidism caused by pituitary or hypothalamic disorders. An important cause of both incresed and decreased TSH results is NTI. Patients with NTI tend to have low TSH results during their acute illness, then TSH rises to within or above the reference range with resolution of the underlying illness, and finally returns to within the reference range. The situation is complicated because drugs, including glucagon and dopamine, suppress TSH. Sensitive TSH assays are helpful in evaluation of treatment with thyroid hormone both for replacement therapy and suppressive doses for malignant thyroid disease.

SERUM POTASSIUM (K) *	4.0	mEq/litre.	3.5 - 5.5
(ISE method)			
SERUM CALCIUM	9.9	mg/dl	9.2-11.0
(Arsenazo)			



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: 08-Apr-2023 10:19AM

Sample By Organization **Centre Name**

ml

: Garg Pathology Lab - TPA

Investigation	Results	Units	Biological Ref-Interval

URINE

PHYSIC	AI EV	A BATEL	
DHVSII	$\Delta I = X$		A I I I IN

20 **Volume**

Pale Yellow Colour

Appearance Clear Clear

1.000-1.030 Specific Gravity 1.030

PH (Reaction) Acidic

BIOCHEMICAL EXAMINATION

Nil Protein Nil Sugar Nil Nil

MICROSCOPIC EXAMINATION

/HPF Nil Red Blood Cells Nil /HPF 0-2 Pus cells 2-3 /HPF 1-3 **Epithilial Cells** 1-2

Crystals Nil Casts Nil

@ Special Examination

Bile Pigments Absent Blood Nil Bile Salts **Absent**

-----{END OF REPORT }-----



*THIS TEST IS NOT UNDER NABL SCOPE

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