

NABH ACCREDITED

# PRAKASH

EYE HOSPITAL & LASER CENTRE

## Dr. AMIT GARG

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

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


Ex. Micro Phaco Surgeon

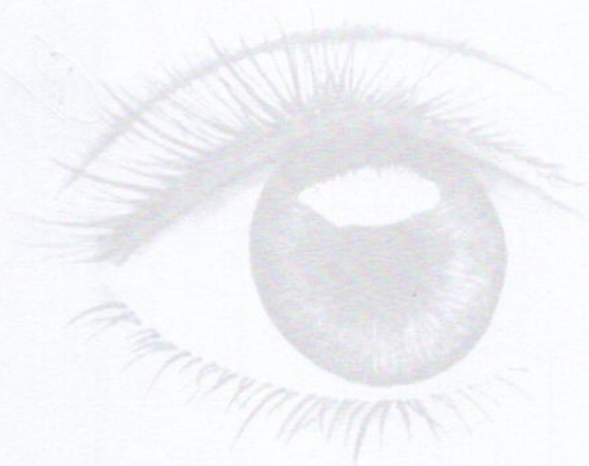
Venu Eye Institute & Research Centre, New Delhi

Name Mr Varun Kumar Age/Sex 32 M C/o ..... Date 30/3/23

S/P (OO) LASIK

Routine check up

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



Accredited Eye Hospital Western U.P.

First NABH ECO

## प्रकाश आँखों का अस्पताल एवं लेजर सेंटर



Website: [www.prakasheyehospital.in](http://www.prakasheyehospital.in)  
Facebook: <http://www.prakasheyehospital.in>

Counsellor 9837066186  
7535832832  
Manager 7895517715  
OT 7302222373  
TPA 9837897788

(पर्चा सात दिन तक मान्य है)

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 : [prakasheyehosp@gmail.com](mailto:prakasheyehosp@gmail.com)

Vn   
U.A   
 R 6/6   
 L 6/6

PH   
 R 6/6   
 L 6/6

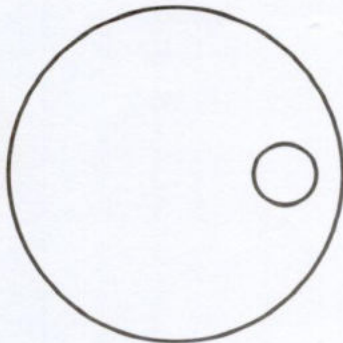
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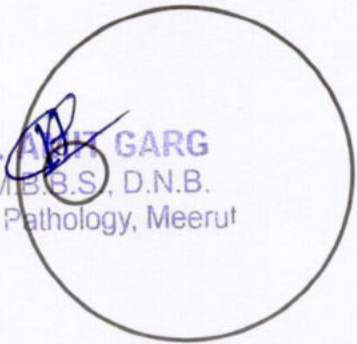
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	RIGHT EYE				LEFT EYE			
	Sph.	Cyl.	Axis	Vision	Sph.	Cyl.	Axis	Vision
Distance								
Near								

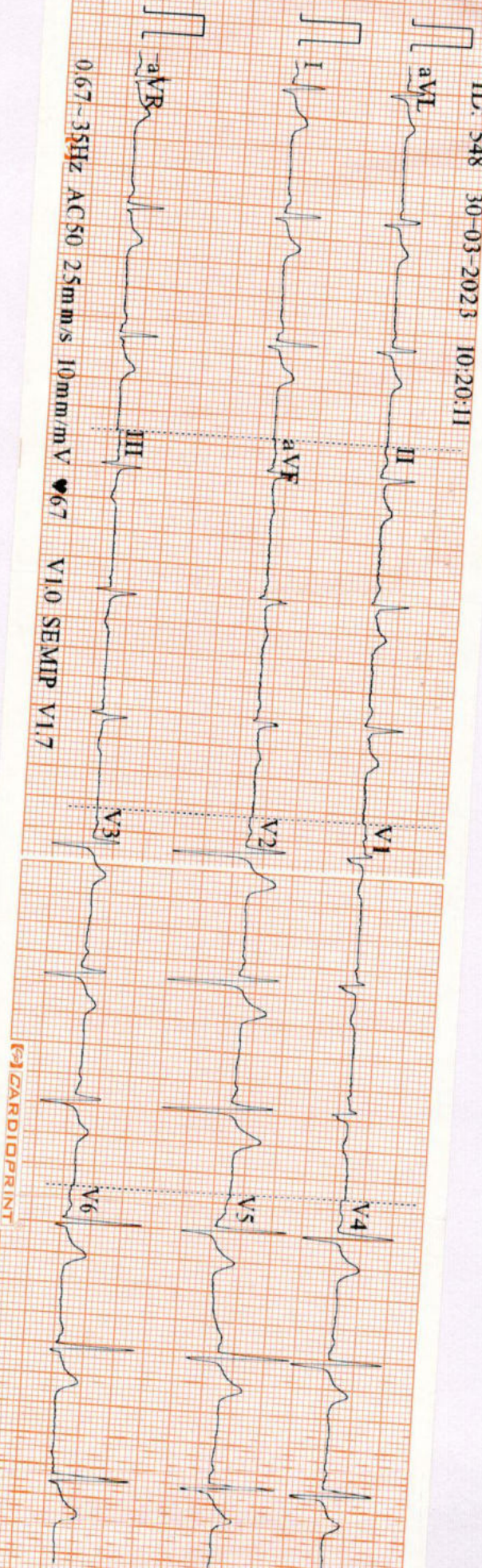
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Dr. *[Signature]* GARG   
 M.B.B.S., D.N.B.   
 Garg Pathology, Meerut



ID: 548 30-03-2023 10:20:11



ECG CARDIOPRINT

ID: 548

Male  
32 Years  
cm

kg

KPa

Diagnosis Information:  
Sinus Rhythm  
Poor R Wave Progression(V3)

HR	71	bpm
P	105	ms
PR	134	ms
QRS	77	ms
QT/QTc	348/379	ms
PORS/T	28/47/19	°
RV5/SV1	1.143/0.281	mV

Report Confirmed by:


*[Signature]*

**DR. KONIKI GARG**  
B.S., M.D. (Path.)  
GARG PATHOLOGY

भारत सरकार  
Government of India

आधार

Download Date: 21/10/2020



वरुण कुमार  
Varun Kumar  
जन्म तारीख/DOB: 15/06/1990  
पुरुष/ MALE

Issue Date: 12/10/2020

5792 8256 5008  
VID : 9161 7424 1205 5634

माओ आधार, माओ ओज्ज

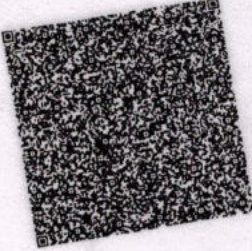
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भारतीय विशिष्ट ओज्जभाषा प्राधिकरण  
Unique Identification Authority of India

आधार

सरनामः  
S/O: मुकेश कुमार, 423 गली न 2, मंगल पुरी, कंकर  
खेडा मेरठ कैंट, मेरठ, मेरठ,  
उत्तर प्रदेश - 250001

Address:  
S/O: Mukesh Kumar, 423 gali No 2, mangal  
puri, kankar khera meerut cantt, Meerut,  
Uttar Pradesh - 250001



5792 8256 5008  
VID : 9161 7424 1205 5634

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

PATHOLOGY,  
LAB

GARG PATHOLOGY

ANALYSIS - MICROBIOLOGY, SEROLOGY,  
CITOPATHOLOGY & CLINICAL CHEMISTRY  
RESEARCH WARE

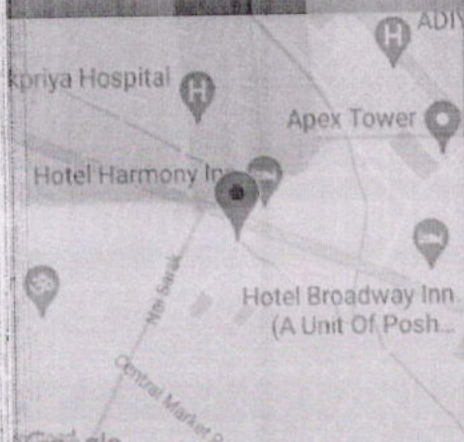
RESTRICTED  
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AUTHORIZED  
PERSONNEL ONLY

Dr. MONIKA  
M.B.B.S., D.C.  
GARG PATHOLOGY

Mar 30, 2023 10:14:57 AM  
203° SW

Tejgarhi  
Meerut Division  
Uttar Pradesh  
Altitude: 192.0m  
Index number: 569





# Garg Pathology

Certified by :  
National Accreditation Board For Testing & Calibration Laboratories  
ISO 9001:2008  
Garden House Colony, Near Nai Sarak, Garh Road, Meerut  
Ph.: 0121-2600454, 8979608687, 9837772828

**DR. MONIKA GARG**  
M.D. (Path) Gold Medalist  
Former Pathologist :  
St. Stephan's Hospital, Delhi

**PUID** : 230330/609 **C. NO:** 609 **Collection Time** : 30-Mar-2023 10:14AM  
**Patient Name** : Mr. VARUN KUMAR 32Y / Male **Receiving Time** : 30-Mar-2023 10:26AM  
**Referred By** : Dr. BANK OF BARODA **Reporting Time** : 30-Mar-2023 11:26AM  
**Sample By** : **Centre Name** : Garg Pathology Lab - TPA  
**Organization** :



Investigation	Results	Units	Biological Ref-Interval
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## HAEMATOLOGY (EDTA WHOLE BLOOD)

### COMPLETE BLOOD COUNT

HAEMOGLOBIN (Colorimetry)	14.0	gm/dl	13.0-17.0
TOTAL LEUCOCYTE COUNT (Electric Impedence)	5150	*10 <sup>6</sup> /L	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT (Microscopy)			
Neutrophils	55	%.	40-80
Lymphocytes	<b>42</b>	%.	20-40
Eosinophils	01	%.	1-6
Monocytes	02	%.	2-10
Absolute neutrophil count	2.83	x 10 <sup>9</sup> /L	2.0-7.0(40-80%)
Absolute lymphocyte count	2.16	x 10 <sup>9</sup> /L	1.0-3.0(20-40%)
Absolute eosinophil count	0.05	x 10 <sup>9</sup> /L	0.02-0.5(1-6%)
Method:-((EDTA Whole blood,Automated /			
ESR (Automated Wsetergren`s)	08	mm/1st hr	0.0 - 10.0
RBC Indices			
TOTAL R.B.C. COUNT (Electric Impedence)	4.71	Million/Cumm	4.5 - 6.5
Haematocrit Value (P.C.V.)	43.8	%	26-50
MCV (Calculated)	93.0	fL	80-94
MCH (Calculated)	29.7	pg	27-32
MCHC (Calculated)	32.0	g/dl	30-35
RDW-SD (Calculated)	50.2	fL	37-54



\*THIS TEST IS NOT UNDER NABL SCOPE

Checked By Technician:

**Dr. Monika Garg**  
MBBS, MD(Path)  
(Consultant Pathologist)

२१ घंटे सुविधा उपलब्ध है।






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RDW-CV (Calculated)	13.1	%	11.5 - 14.5
Platelet Count (Electric Impedence)	2.56	/Cumm	1.50-4.50
MPV (Calculated)	10.0	%	7.5-11.5
NLR 6-9 Mild stres 7-9 Pathological cause	1.31		1-3

-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 \*** "AB" POSITIVE      \$      \$



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<b>GLYCATED HAEMOGLOBIN (HbA1c)*</b>	4.7	%	4.3-6.3
ESTIMATED AVERAGE GLUCOSE	88.2	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

-Haemolytic 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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### BIOCHEMISTRY (FLORIDE)

PLASMA SUGAR FASTING (GOD/POD method)	108.0	mg/dl	70 - 110
PLASMASUGAR P.P. (GOD/POD method)	123.0	mg/dl	80-140



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<b>Referred By</b> : Dr. BANK OF BARODA		<b>Reporting Time</b> : 30-Mar-2023 11:36AM
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<b>Organization</b> :		

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### BIOCHEMISTRY (SERUM)

<b>SERUM CREATININE</b> (Enzymatic)	0.9	mg/dl	0.6-1.4
<b>URIC ACID</b>	6.0	mg/dL.	3.6-7.7
<b>BLOOD UREA NITROGEN</b>	10.90	mg/dL.	8-23



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## LIVER FUNCTION TEST

### SERUM BILIRUBIN

TOTAL (Diazo)	0.7	mg/dl	0.1-1.2
DIRECT (Diazo)	0.3	mg/dl	<0.3
INDIRECT (Calculated)	0.4	mg/dl	0.1-1.0
S.G.P.T. (IFCC method)	<b>81.0</b>	U/L	8-40
S.G.O.T. (IFCC method)	<b>46.0</b>	U/L	6-37
SERUM ALKALINE PHOSPHATASE (IFCC KINETIC)	98.4	IU/L.	50-126
<b>SERUM PROTEINS</b>			
TOTAL PROTEINS (Biuret)	7.0	Gm/dL.	6-8
ALBUMIN (Bromocresol green Dye)	4.2	Gm/dL.	3.5-5.0
GLOBULIN (Calculated)	2.8	Gm/dL.	2.5-3.5
A : G RATIO (Calculated)	1.5		1.5-2.5



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<b>Organization</b>	:				



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<b>PSA*</b>	0.788	ng/ml	
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ECLIA  
NORMAL VALUE

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



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## LIPID PROFILE

SERUM CHOLESTEROL (CHOD - PAP)	188.4	mg/dl	150-250
SERUM TRIGYCLERIDE (GPO-PAP)	<b>156.0</b>	mg/dl	70-150
HDL CHOLESTEROL * (PRECIPITATION METHOD)	47.1	mg/dl	30-60
VLDL CHOLESTEROL * (Calculated)	<b>31.2</b>	mg/dl	10-30
LDL CHOLESTEROL * (Calculated)	<b>110.1</b>	mg/dL.	0-100
LDL/HDL RATIO * (Calculated)	02.3	ratio	<3.55
CHOL/HDL CHOLESTROL RATIO* (Calculated)	4.0	ratio	3.8-5.9

Interpretation :

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

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  
Triglycerides : Desirable : 150 Borderline : 150- 199 High : 200 - 499 Very High :>500

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

<b>SERUM SODIUM (Na) *</b> (ISE method) (ISE)	141.0	mEq/litre	135 - 155
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### THYRIOD PROFILE\*

Triiodothyronine (T3) * (ECLIA)	1.374	ng/dl	0.79-1.58
Thyroxine (T4) * (ECLIA)	8.497	ug/dl	4.9-11.0
THYROID STIMULATING HORMONE (TSH) (ECLIA)	2.006	uIU/ml	0.38-5.30
Normal Range:-			
1 TO 4 DAYS	2.7-26.5		
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 increased 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.

<b>SERUM POTASSIUM (K) *</b> (ISE method)	4.4	mEq/litre.	3.5 - 5.5
SERUM CALCIUM (Arsenazo)	10.4	mg/dl	9.2-11.0



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St. Stephan's Hospital, Delhi

**PUID** : 230330/609      **C. NO:** 609      **Collection Time** : 30-Mar-2023 10:14AM  
**Patient Name** : Mr. VARUN KUMAR 32Y / Male      **Receiving Time** : 30-Mar-2023 10:26AM  
**Referred By** : Dr. BANK OF BARODA      **Reporting Time** : 30-Mar-2023 11:25AM  
**Sample By** :      **Centre Name** : Garg Pathology Lab - TPA  
**Organization** :



Investigation	Results	Units	Biological Ref-Interval
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## URINE

### PHYSICAL EXAMINATION

<b>Volume</b>	20	ml	
Colour	Pale Yellow		
Appearance	Clear		Clear
Specific Gravity	1.030		1.000-1.030
PH ( Reaction )	Alkaline		

### BIOCHEMICAL EXAMINATION

Protein	Nil		Nil
Sugar	Nil		Nil

### MICROSCOPIC EXAMINATION

Red Blood Cells	Nil	/HPF	Nil
Pus cells	1-2	/HPF	0-2
Epithelial Cells	2-3	/HPF	1-3
Crystals	Nil		
Casts	Nil		

### @ Special Examination

Bile Pigments	Absent		
Blood	Nil		
Bile Salts	Absent		

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



\*THIS TEST IS NOT UNDER NABL SCOPE

Checked By Technician:

**Dr. Monika Garg**  
MBBS, MD(Path)  
(Consultant Pathologist)

24 घंटे सुविधा उपलब्ध है।



DATE	30.03.2023	REF. NO.	5822		
PATIENT NAME	VARUN KUMAR	AGE	32 YRS	SEX:	M
INVESTIGATION	USG WHOLE ABDOMEN	REF. BY	GARG		

### REPORT

**Liver** - appears normal in size and echotexture. No mass lesion seen. Portal vein is normal.

**Gall bladder** - Wall thickness is normal. No calculus / mass lesion seen. CBD is normal.

**Pancreas**- appears normal in size and echotexture. No mass lesion seen.

**Spleen**- is normal in size and echotexture.

**Right Kidney** - Normal in size and echotexture. Show well maintained corticomedullary differentiation. No calculus / hydronephrosis is noted.

**Left Kidney** - Normal in size and echotexture. Show well maintained corticomedullary differentiation. No calculus / hydronephrosis is noted.

**Urinary bladder** - appears distended. Wall thickness is normal. No calculus / mass seen.

**Prostate** - Normal in size (16g) & echotexture.

### IMPRESSION

*Essentially normal study*

**Dr. P.D. Sharma**  
 M.B.B.S., D.W.R.D. (VIMS & RC)  
 Consultant Radiologist and Head

1. Impression is a professional opinion & not a diagnosis
2. All modern machines & procedures have their limitations, if there is variance clinically this examination may be repeated or reevaluated by other investigations
3. Suspected typing errors should be informed back for correction immediately.
4. Not for medico-legal purpose. Identity of the patient cannot be verified.

• 1.5 Tesla MRI • 64 Slice CT • Ultrasound  
 • Doppler • Dexa Scan / BMD • Digital X-ray

Helpline Numbers : 0121-2792500, 2601901

**PRENATAL DETERMINATION OF SEX IS BANNED,  
 PREVENT FEMALE FOETICIDE**



## DEPARTMENT OF NON-INVASIVE CARDIOLOGY

DATE : 30/03/2023 REFERENCE NO. : 11065  
 PATIENT NAME : VARUN KUMAR AGE/SEX : 32YRS/M  
 REFERRED BY : DR. MONIKA GARG ECHOGENECITY : NORMAL  
 REFERRING DIAGNOSIS : To rule out structural heart disease.

### **ECHOCARDIOGRAPHY REPORT**

DIMENSIONS	NORMAL	NORMAL
AO (ed) 2.5 cm	(2.1 - 3.7 cm)	IVS (ed) 1.0 cm (0.6 - 1.2 cm)
LA (es) 2.6 cm	(2.1 - 3.7 cm)	LVPW (ed) 1.0 cm (0.6 - 1.2 cm)
RVID (ed) 1.0 cm	(1.1 - 2.5 cm)	EF 60% (62% - 85%)
LVID (ed) 3.7 cm	(3.6 - 5.2 cm)	FS 30% (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

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## 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 :

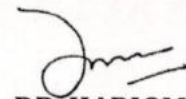
Valve	Regurgitation	Velocity m/sec	Gradient mmHg
Mitral Valve	No	0.78	2.3
Tricuspid Valve	No	0.86	2.6
Pulmonary Valve	No	0.68	2.1
Aortic Valve	No	0.94	3.4

## 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.

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DATE	30.03.2023	REF. NO.	17710		
PATIENT NAME	VARUN KUMAR	AGE	32 YRS	SEX	M
INVESTIGATION	X-RAY CHEST PA VIEW	REF. BY	GARG		

### REPORT

- Trachea is central in position.
- Bilateral lung field show normal broncho vascular markings.
- Cardiac size is within normal limits.
- Both costophrenic angles are clear.
- Both domes of diaphragm are normal in contour and position.

### IMPRESSION

*Normal study*

**Dr. P.D. Sharma**  
M.B.B.S., D.M.R.D. (VIMS & RC)  
Consultant Radiologist and Head

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2. All modern machines & procedures have their limitations. if there is variance clinically this examination may be repeated or reevaluated by other investigations  
Ps. All congenital anomalies are not picked upon ultrasounds.  
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• Doppler • Dexa Scan / BMD • Digital X-ray

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