





# SHRI BALAJI AROGYAM HOSPITAL

KURUKSHETRA

## Patient Demographics

BIR BHAN SHARMA 52/Y

Patient ID: 23240020091

Gender: M

Performed By: DR RISHABH MARWAH

## Comments

NORMAL CHAMBER DIMENSIONS  
 IAS/IVS INTACT  
 AORTIC ROOT/MPA NORMAL  
 NORMAL VALVE MORPHOLOGY  
 NO SIGNIFICANT REGURGITATION / MILD AR / MILD TR  
 NO RWMA  
 NORMAL SYSTOLIC FUNCTION  
 NORMAL DIASTOLIC FUNCTION  
 NO CLOT/VEG/PE  
 IVC- NORMAL

## Adult Echo: Measurements and Calculations

### 2D

LV Mass (Cubed)	180 g	LA/Ao (2D)	120
LA Dimen (2D)	3.0 cm	AoR Diam (2D)	2.5 cm

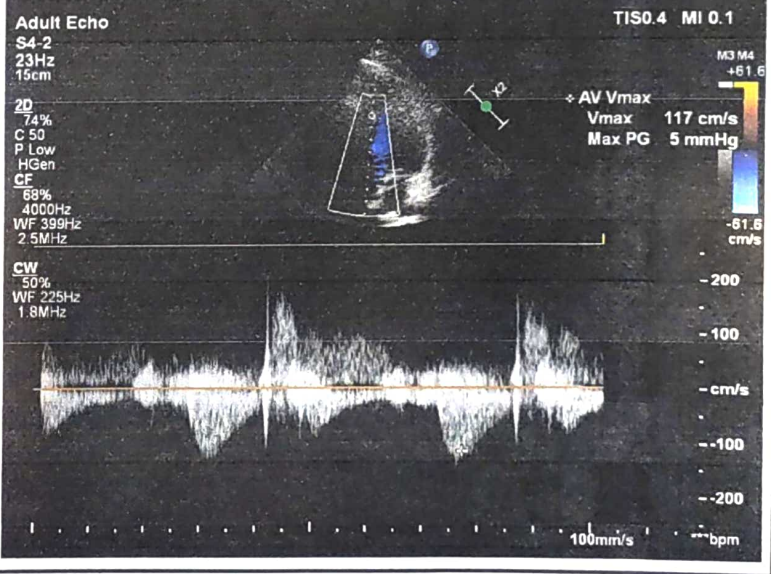
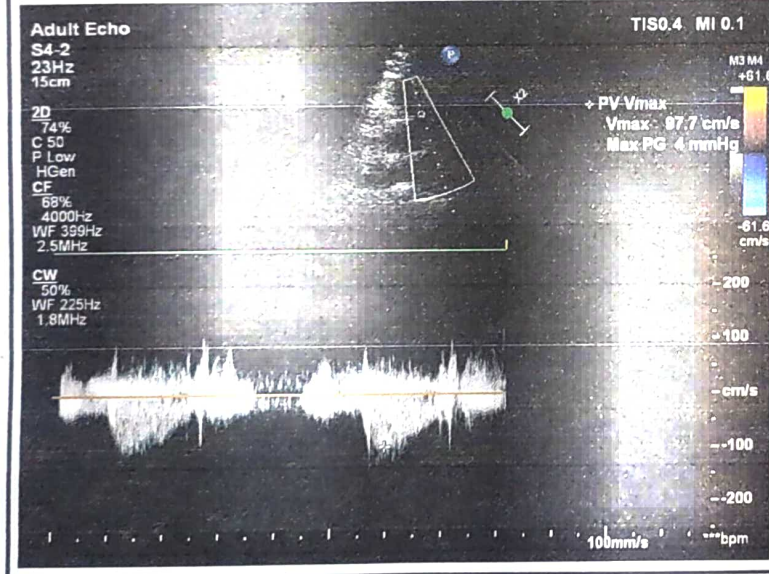
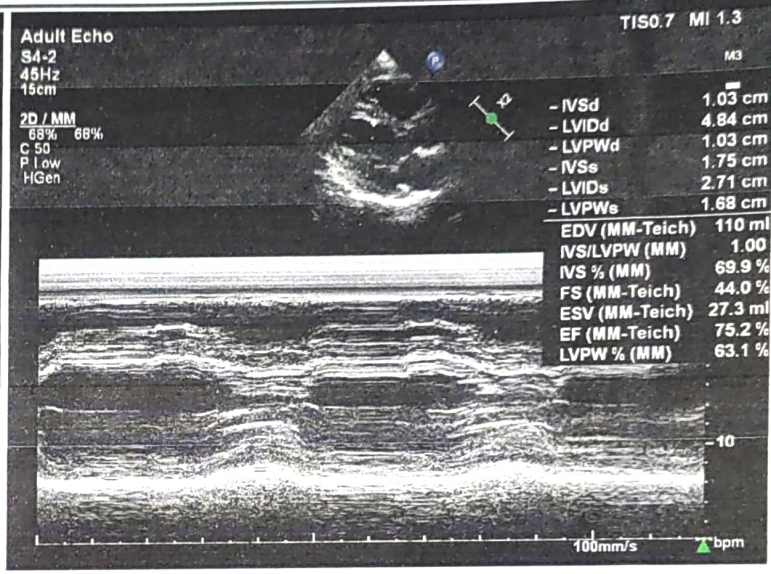
### MMode

IVSd (MM)	1.03 cm	EDV (MM-Teich)	110 ml	SV (MM-Cubed)	93.1 ml
LVIDd (MM)	4.84 cm	ESV (MM-Teich)	27.3 ml	EF (MM-Cubed)	82.4 %
LVPWd (MM)	1.03 cm	SV (MM-Teich)	82.7 ml	FS (MM-Cubed)	44.0 %
IVSs (MM)	1.75 cm	FS (MM-Teich)	44.0 %	IVS % (MM)	69.9 %
LVIDs (MM)	2.71 cm	EF (MM-Teich)	75.2 %	LVPW % (MM)	63.1 %
LVPWs (MM)	1.68 cm	EDV (MM-Cubed)	113 ml		
IVS/LVPW (MM)	1.00	ESV (MM-Cubed)	19.9 ml		

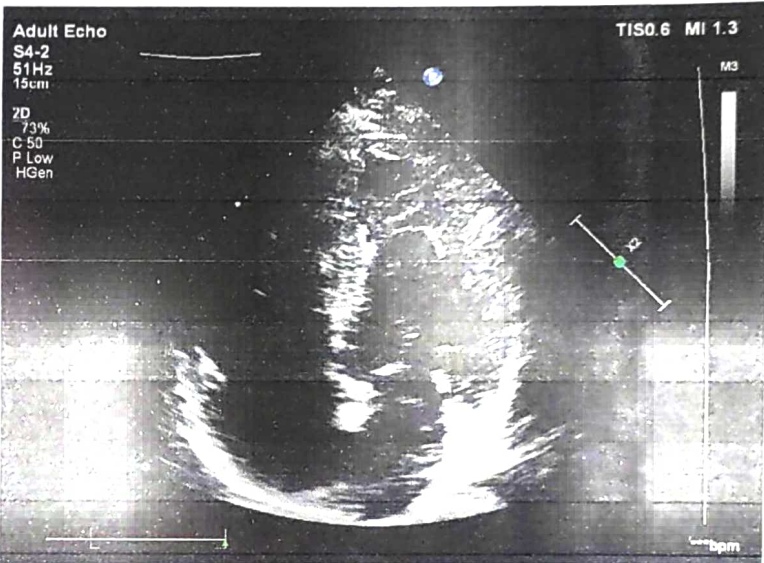
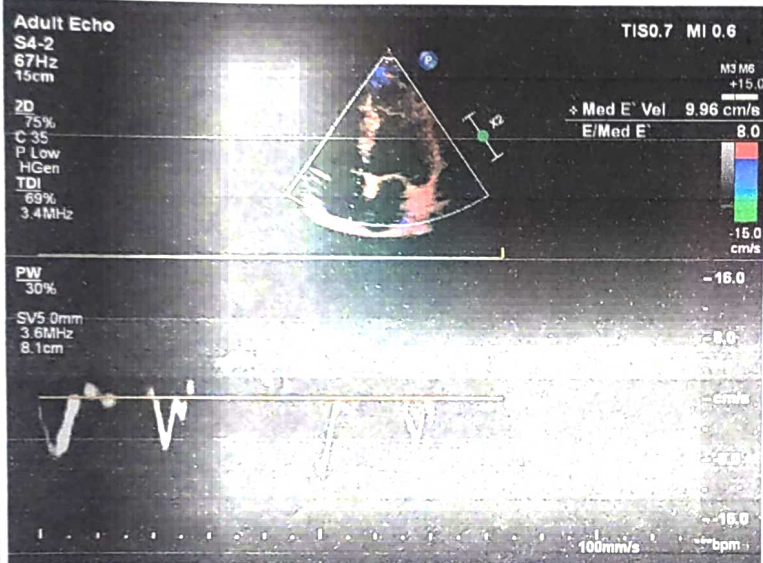
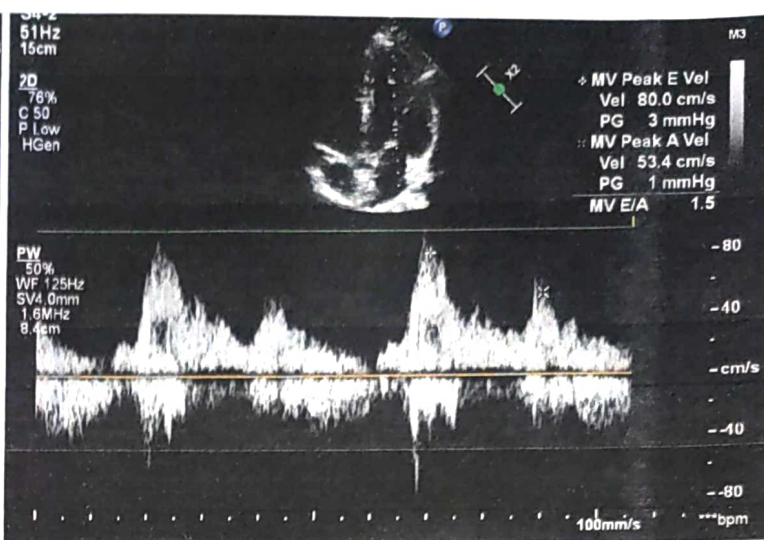
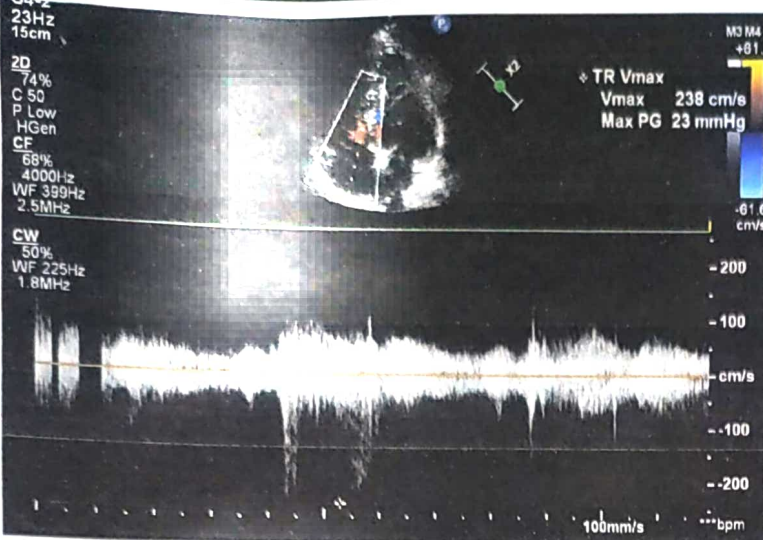


AV Vmax		MV E/A	15	TR Vmax	
Max PG	5 mmHg			Max PG	23 mmHg
Vmax	117 cm/s			Vmax	238 cm/s
MV Peak E Vel		Med E' Vel	9.96 cm/s	PV Vmax	4 mmHg
Vel	80.0 cm/s			Max PG	97.7 cm/s
PG	3 mmHg			Vmax	
MV Peak A Vel		E'/Med E'	8.0		
Vel	53.4 cm/s				
PG	1 mmHg				

## Images







**Signature**

Signature:  
Name(Print):

*[Handwritten Signature]*  
**DR. SHABH MARWAH**  
 MD DM Cardiology  
 Consultant Interventional  
 Cardiology  
 Shri Bala Ji Aarogyam Hospital;  
 Reg.No. HN8708

Date: 23-12-23.



# SHRI BALAJI AAROGYAM HOSPITAL PVT. LTD

01744-270255  
99926-30762  
99964-44762



Regd. off.: BEHIND OLD BUS STAND, KURUKSHETRA

E-mail : aarogyamkk@gmail.com

CIN : U93000HR2018PTC074193

Typed by: Kajal

Patient Name	MR. BIR BHAN SHARMA	Age/Sex	52 Y / MALE
Referred By:	SELF	Date	23.12.2023

## USG WHOLE ABDOMEN

**LIVER:**-Is normal in size measuring 13.0 cm and is **mildly coarse in echotexture** with normal outline. No focal lesion is seen in the liver parenchyma. IHBR's are not dilated. The PV is normal.

**GALL BLADDER:** - normal in size and distensibility. The wall thickness is normal. No evidence of any peri-cholecystic collection is seen. No evidence of calculus is seen.

**CBD** is normal in course and caliber.

**PANCREAS:**-Head and proximal body of pancreas is normal in outline and echotexture. Rest of the pancreas obscured by bowel shadows.

**SPLEEN:** - is normal in size measuring 8.7 cm and echotexture. No focal lesion is seen.

**RIGHT KIDNEY:**-It is normal in size measuring 9.0 x 4.5 cm, normal in position and echotexture. CMD is maintained. The pelvi-calyceal system is compact. No evidence of calculus or hydronephrosis is seen.

**LEFT KIDNEY:**-It is normal in size measuring 9.2 x 4.7 cm, normal in position and echotexture. CMD is maintained. The pelvi-calyceal system is compact. No evidence of calculus or hydronephrosis is seen.

**URINARY BLADDER:**-Is partially distended and is normal in size and capacity. No calculus is seen in its lumen. The wall thickness is within normal limits.

**PROSTATE:** - is normal in size. Echotexture is normal.  
No free fluid is seen in abdomen and pelvis.  
No evidence of any mesenteric lymphadenopathy noted.  
Visualized bowel loops appear unremarkable.

### IMPRESSION:

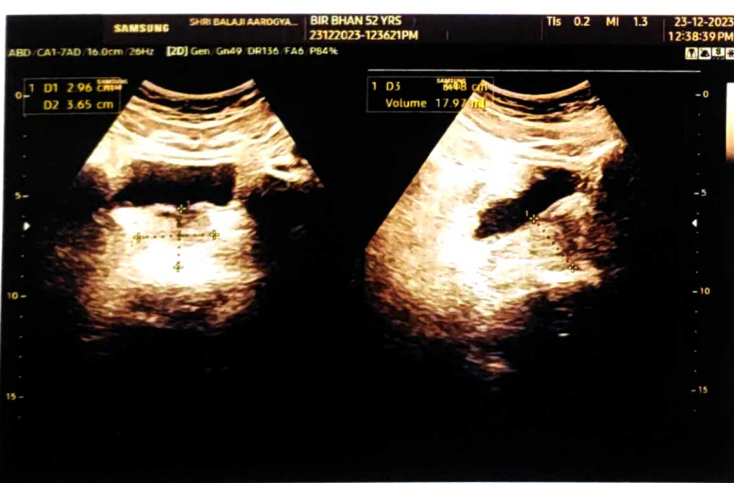
➤ **MILD COARSELY ECHOTEXTURED LIVER (SUGGESTED: LFT CORRELATION).**

**Please Correlate Clinically.**

**DR. ISHA GOYAL,**  
DMRD (CMC LUDHIANA)  
Ex. Fortis Hospital Ludhiana  
Consultant Radiologist

Not valid for Medico Legal Purposes. Advised further clinical correlations.







# SBAH PATH LAB



INSIDE SHRI BALAJI AROGYAM HOSPITAL Pvt. Ltd.  
BEHIND OLD BUS STAND, KURUKSHETRA

E-mail : aarogyamkk@gmail.com

UHID No :- UD-232415566      Reg No :- 232415566      Print Date : 23-Dec-2023 01:52 PM  
 Receipt No :- 23240020091      Receipt Date :- 23 Dec 2023  
 Patient Name :- Mr BIR BHAN SHARMA      Father :- BASHESHAR DASS SHARMA      Age/Sex :- 52 Y/M  
 Mobile No :- 9992328090      Consultant :- Dr ANURAG KAUSHAL (MD)  
 Address :- 4012 E BLOCK, ANSAL SUSHANT CITY , SECTOR 32 , KURUKSHETRA

## Final Report

Investigations	Observations	Biological Reference Interval	Unit
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Sample No:232438321

Sample Gnt At: (23 Dec 2023 11:51 AM) ,Sample Rvd At (23 Dec 2023 11:51 AM) ,Report Gnt At : ( 23 Dec 2023 1:52 PM)

### HAEMATOLOGY

#### CBC

WBC	7.74	4.00 - 11.00	10 <sup>3</sup> /mm <sup>3</sup>
RBC	<b>5.92</b>	4.00 - 5.50	million/cumm
<i>Methology / Carm</i>			
HAEMOGLOBIN	15.6	13.00 - 16.00	gm/dl
HCT	49.2	35.00 - 50.00	%
<i>DefaultMethodTwo / test Machine</i>			
MCV(MEAN CELL VOLUME)	83.11	83.00 - 101.00	fl
MCH(MEAN CELL HAEMOGLOBIN)	<b>26.35</b>	27.00 - 32.00	pg
MCHC	31.71	31.50 - 35.00	gm%
RDW-CV	<b>11.9</b>	12.00 - 18.00	%
<i>Method1 / test Machine</i>			
RDW-SD	41.4	37.00 - 56.00	fl
MIC	3.6	0.00 - 20.00	%
<i>Methology / test Machine</i>			
MAC	3.7	2.00 - 10.00	%
PLATELETS	312	150.00 - 450.00	×10 <sup>3</sup> /μL
MPV	8.1	7.40 - 11.00	fl
PCT	0.25	0.15 - 0.40	%
<i>Test Method</i>			
PDW	<b>8.3</b>	11.00 - 20.00	fL
P-LCC	50	44.00 - 140.00	10 <sup>6</sup> /mm <sup>3</sup>
P-LCR	<b>16.04</b>	18.00 - 50.00	%
DLC DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHILS	46.4	40.00 - 75.00	%
LYMPHOCYTES	39.6	20.00 - 45.00	%
MONOCYTES	8.9	2.00 - 10.00	%
EOSINOPHILS	4.8	1.00 - 6.00	%
BASOPHILS	0.3	0.00 - 1.00	%

#### Remarks :-

Sample No:232438322

(Technologist)

*Charu Sethi*

Not valid for Medico Legal Purposes. Advised further clinical correlation

Dr. Charu Sethi Sharma  
MD-Pathology  
Reg. No. HN-19861





# SBAH PATH LAB



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 Mobile No :- 9992328090      Consultant :- Dr ANURAG KAUSHAL (MD)  
 Address :- 4012 E BLOCK, ANSAL SUSHANT CITY , SECTOR 32 , KURUKSHETRA

## Final Report

Investigations	Observations	Biological Reference Interval	Unit
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Sample Gnt At: (23 Dec 2023 11:52 AM) , Sample Rvd At (23 Dec 2023 11:52 AM) , Report Gnt At : ( 23 Dec 2023 1:49 PM)

### BIOCHEMISTRY

#### COMPLETE LIPID PROFILE

TOTAL CHOLESTROL	<b>210</b>	120.00 - 200.00	mg/dl
TRIGLYCERIDES	<b>172</b>	35.00 - 160.00	mg/dl
HDL	49	30.00 - 70.00	mg/dl
LDL	<b>126.60</b>	0.00 - 100.00	mg/dl
VLDL CHOLESTEROL	34.40	0.00 - 35.00	mg/dL

CREATININE 1.2 0.70 - 1.40 mg/dl

BILIRUBIN TOTAL (SBAH) 0.80 0

ALKALINE PHOSPHATE 96 57.00 - 111.00 U/L

GGT (SBAH) 22 0

### HAEMATOLOGY

SERUM URIC ACID 5.2 2.50 - 6.00 mg/dl

### SEROLOGY

ALBUMIN 4.0 3.50 - 5.00 gm/dl

Remarks :-

Sample No:232438323

Sample Gnt At: (23 Dec 2023 11:52 AM) , Sample Rvd At (23 Dec 2023 11:52 AM) , Report Gnt At : ( 23 Dec 2023 1:52 PM)

### BIOCHEMISTRY

TOTAL PROTEIN (M.L-) 7.5 0

Remarks :-

Sample No:232438324

Sample Gnt At: (23 Dec 2023 11:52 AM) , Sample Rvd At (23 Dec 2023 11:52 AM) , Report Gnt At : ( 23 Dec 2023 1:52 PM)

### HAEMATOLOGY

ESR 08 0.00 - 15.00 mm at 1 hr

Remarks :-

Sample No:232438325

Sample Gnt At: (23 Dec 2023 11:52 AM) , Sample Rvd At (23 Dec 2023 11:52 AM) , Report Gnt At : ( 23 Dec 2023 1:52 PM)

(Technologist)

*Charu Sethi*

**Dr. Charu Sethi Sharma**  
MD-Pathology  
Reg. No. HN-19861

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### Final Report

Investigations	Observations	Biological Reference Interval	Unit
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#### URINE EXAMINATION

##### URINE ROUTINE

##### PHYSICAL EXAMINATION

COLOUR <i>Methology</i>	YELLOW	CLEAR YELLOW	
VOLUME	25		ML
SPECIFIC GRAVITY	1.02	1.00 - 1.03	

##### CHEMICAL EXAMINATION

PH	6.0	4.60 - 8.00	
PROTEIN.	Negative	NEGATIVE	
GLUCOSE	Negative	NEGATIVE	
KETONE	Negative	NEGATIVE	

##### MICROSCOPIC EXAMINATION

EPIITHELIAL CELLS	Negative		
PUS CELLS	2-4	2.00 - 3.00	/HPF
RBC <i>Methology / Carm</i>	Negative	4.00 - 5.50	million/cumm
CRYSTALS	Negative	ABSENT	
BACTERIA	Negative	ABSENT	
OTHERS	Negative		

##### MICROSCOPIC EXAMINATION

CASTS	Negative	ABSENT	
AMORPHOUS DEPOSITS	Negative		

#### Remarks :-

Type of Sample :- SERUM,WHOLE BLOOD,URINE SPOT,

\* END OF REPORT \*

(Technologist)

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Reg. No. HN-19861



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**UHID No** :- UD-232415566      **Reg No** :- 232415566      **Print Date** : 23-Dec-2023 01:53 PM  
**Receipt No** :- 23240020100      **Receipt Date** :- 23 Dec 2023  
**Patient Name** :- Mr BIR BHAN SHARMA      **Father** :- BASHESHAR DASS SHARMA      **Age/Sex** :- 52 Y/M  
**Mobile No** :- 9992328090      **Consultant** :- Dr ANURAG KAUSHAL (MD)  
**Address** :- 4012 E BLOCK, ANSAL SUSHANT CITY , SECTOR 32 , KURUKSHETRA

## Final Report

Investigations	Observations	Biological Reference Interval	Unit
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**Sample No:**232438333

**Sample Gnt At:** (23 Dec 2023 12:37 PM) ,**Sample Rvd At** (23 Dec 2023 12:37 PM) ,**Report Gnt At** : ( 23 Dec 2023 1:53 PM)

### BIOCHEMISTRY

#### BLOOD SUGAR FASTING & PP

BLOOD SUGAR FASTING	94	70.00 - 110.00	mg/dl
BLOOD SUGAR PP	110	70.00 - 150.00	mg/dl

**Remarks :-**

**Type of Sample :-** SERUM,

\* END OF REPORT \*

(Technologist)

Not valid for Medico Legal Purposes. Advised further clinical correlation.

*Charu Sethi*

**Dr. Charu Sethi Sharma**  
MD-Pathology  
Reg. No. HN-19861



Name	: Mr. BIR BHAN	Age	: 48 Years
Lab No.	: 458647527	Gender	: Male
Ref By	: SHRI BALAJI AAROGYAM HOSPITAL	Reported	: 24/12/2023 7:20:04AM
Collected	: 23/12/2023 1:17:00PM	Report Status	: Final
A/c Status	: P	Processed at	: Dr. Lal PathLabs Ltd.
Collected at	: SHRI BALAJI AAROGYAM HOSPITAL C/O Aarogyam Hospital, Behind Old Bus Stand Thanesar, Kurukshetra-136118		: Kurukshetra-136118, Haryana

### Test Report

Test Name	Results	Units	Bio. Ref. Interval
<b>HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOOD (HPLC)</b>			
HbA1c	5.4	%	4.00 - 5.60
Estimated average glucose (eAG)	108	mg/dL	

#### Interpretation

HbA1c result is suggestive of non diabetic adults ( $\geq 18$  years)/ well controlled Diabetes in a known Diabetic  
**Interpretation as per American Diabetes Association (ADA) Guidelines**

Reference Group	Non diabetic adults $\geq 18$ years	At risk (Prediabetes)	Diagnosing Diabetes	Therapeutic goals for glycemic control
HbA1c in %	4.0-5.6	5.7-6.4	$\geq 6.5$	$< 7.0$

**Note:** Presence of Hemoglobin variants and/or conditions that affect red cell turnover must be considered, particularly when the HbA1C result does not correlate with the patient's blood glucose levels.

FACTORS THAT INTERFERE WITH HbA1C MEASUREMENT	FACTORS THAT AFFECT INTERPRETATION OF HbA1C RESULTS
Hemoglobin variants, elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the accuracy of HbA1c measurements	Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g., recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbA1c test results regardless of the assay method used. Iron deficiency anemia is associated with higher HbA1c



Name : Mr. BIR BHAN  
Lab No. : 458647527  
Ref By : SHRI BALAJI AAROGYAM HOSPITAL  
Collected : 23/12/2023 1:17:00PM  
A/c Status : P  
Collected at : SHRI BALAJI AAROGYAM HOSPITAL  
C/O Aarogyam Hospital, Behind Old Bus Stand  
Thanesar, Kurukshetra-136118

Age : 48 Years  
Gender : Male  
Reported : 24/12/2023 7:20:04AM  
Report Status : Final  
Processed at : Dr. Lal PathLabs Ltd.  
Kurukshetra-136118,Haryana

**Test Report**

Test Name	Results	Units	Bio. Ref. Interval
<b>THYROID PROFILE,TOTAL, SERUM</b> (Chemiluminescent Immunoassay)			
T3, Total	1.48	ng/mL	0.80 - 2.00
T4, Total	11.03	µg/dL	5.10 - 14.10
TSH	1.62	µIU/mL	0.27 - 4.20

**Note**

1. TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.
2. Alteration in concentration of Thyroid hormone binding protein can profoundly affect Total T3 and/or Total T4 levels especially in pregnancy and in patients on steroid therapy.
3. Unbound fraction ( Free,T4 /Free,T3) of thyroid hormone is biologically active form and correlate more closely with clinical status of the patient than total T4/T3 concentration
4. Values <0.03 uIU/mL need to be clinically correlated due to presence of a rare TSH variant in some individuals

**BLOOD GROUP, ABO & RH TYPING**

(Tube &amp; Slide Agglutination)

ABO Group AB  
Rh Factor Positive

- Note:**
1. Both forward and reverse grouping performed
  2. Test conducted on EDTA whole blood



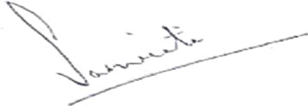


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C/O Aarogyam Hospital, Behind Old Bus Stand  
Thanesar, Kurukshetra-136118

Age : 48 Years  
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Processed at : Dr. Lal PathLabs Ltd.  
Kurukshetra-136118, Haryana

**Test Report**

Test Name	Results	Units	Bio. Ref. Interval
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Dr. Samriti Gupta  
MBBS, MD (Pathology)  
Chief of Lab



Name	: Mr. BIR BHAN	Age	: 48 Years
Lab No.	: 458647527	Gender	: Male
Ref By	: SHRI BALAJI AAROGYAM HOSPITAL	Reported	: 24/12/2023 7:20:04AM
Collected	: 23/12/2023 1:17:00PM	Report Status	: Final
A/c Status	: P	Processed at	: LPL-NATIONAL REFERENCE LAB
Collected at	: SHRI BALAJI AAROGYAM HOSPITAL C/O Aarogyam Hospital, Behind Old Bus Stand Thanesar, Kurukshetra-136118		: National Reference laboratory, Block E, Sector 18, Rohini, New Delhi -110085



### Test Report

Test Name	Results	Units	Bio. Ref. Interval
IMMUNOGLOBULIN IgA, SERUM (Immunoturbidimetry)	352.60	mg/dL	40.00 - 350.00

#### Comments

IgA accounts for 13% of total immunoglobulins and protects the skin & mucosa against micro-organisms. It is capable of binding toxins & in combination with Lysozyme develops anti-bacterial and anti-viral activities. IgA is the predominant immunoglobulin in body secretions like saliva, sweat and colostrum. Polyclonal IgA increase is seen in Chronic liver diseases, Chronic infections, Autoimmune disorders, Sarcoidosis and Wiscott - Aldrich syndrome. Monoclonal IgA increase is seen in IgA Myeloma. Decreased synthesis of IgA is found in Congenital and Acquired Immunodeficiency diseases. Decreased IgA levels are seen in Protein losing enteropathies and skin burns.

DMC - 85619

Dr Himangshu Mazumdar  
MD, Biochemistry  
Sr. Consultant Biochemist  
NRL - Dr Lal PathLabs Ltd

DMC - 89936

Dr. Kamal Modi  
MD, Biochemistry  
Consultant Biochemist  
NRL - Dr Lal PathLabs Ltd

DMC - 9550

Dr Nimmi Kansal  
MD, Biochemistry  
Technical Director - Clinical  
Chemistry & Biochemical Genetics  
NRL - Dr Lal PathLabs Ltd

-----End of report-----



#### IMPORTANT INSTRUCTIONS

•Test results released pertain to the specimen submitted.\*All test results are dependent on the quality of the sample received by the Laboratory.  
 •Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician.\*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.\*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.\*Test results may show interlaboratory variations.\*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).\*Test results are not valid for medico legal purposes.\*This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner/Doctor.\*The report does not need physical signature.

(#) Sample drawn from outside source.

If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.

Tel: +91-11-49885050, Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com

National Reference lab, Delhi, a CAP (7171001) Accredited, ISO 9001:2015 (FS60411) & ISO 27001:2013 (616691) Certified laboratory.





57765

BIR BHAN SHARMA

23-Dec-23 11:31:45 AM

52 Years

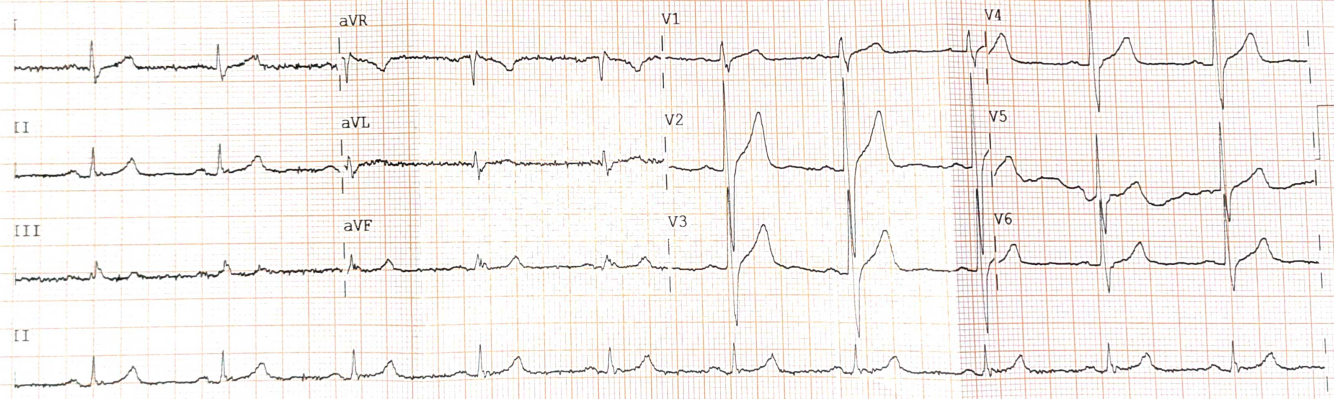
Male

12 Lead; Standard Placement

Rate

PR

QRSD



Speed: 25 mm/sec Paper: 10 mm/mV

Chest: 10 mm/mV

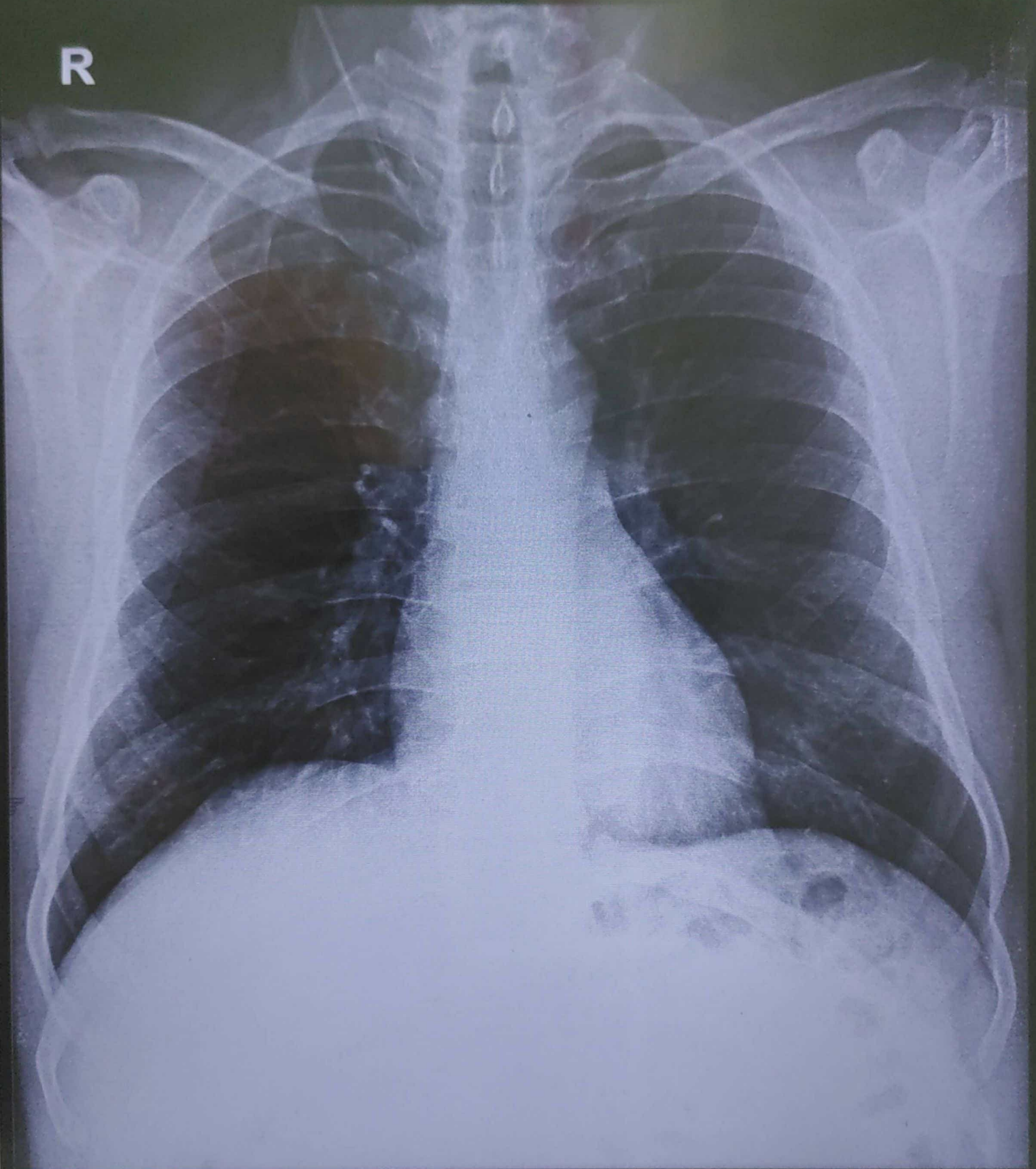
f 60 ~ 0.15-100 Hz

CARDIOPHYSICIAN

P2

PH1

R



BIR BHAN SHARMA 52/Y 20091 M CHEST PA 23-Dec-23 11:09  
SHRI BALAJI AAROGYAM HOSPITAL, KURUKSHETRA