



Name: **BURZIN PARVEZ VARIAVA**
 Lab ID **00000009**
 Age & Sex: **23 Year | Male**
 Reference: **VELOCITY HOSPITAL**

Ward: **OPD**
 Registration on: **02/08/2024 09:18:00**
 Reported on: **12:51:45**
 Sample Type: **BLOOD & URINE**

CBC ESR

Test	Observed Value	Unit	Biological Reference Interval
Haemoglobin	15.3	g/dL	13.5 - 17.5
Total RBC	6.15 H	mill./cm	4.50 - 5.90
Total WBC	6270	/cmm	4000 - 11000
Platelet Count	214200	/cmm	150000 - 450000
HCT	47.7	%	36.0 - 48.0
MCV	77.6 L	fL	80.0 - 100.0
MCH	24.9 L	pg	27.0 - 32.0
MCHC	32.1	g/dL	31.5 - 36.0
<u>DIFFERENTIAL COUNT</u>			
Neutrophils	56	%	40 - 70
Lymphocytes	40	%	20 - 40
Eosinophils	02	%	
Monocytes	02	%	
Basophils	00	%	00 - 02
Band Cells	00	%	0.0 - 6.0
<u>ABSOLUTE DIFFERENTIAL COUNT</u>			
Neutrophils	3511	/cumm	2000 - 7000
Lymphocytes	2508	/cumm	1000 - 3000
Eosinophils	125	/cumm	20 - 500
Monocytes	125 L	/cumm	200 - 1000
Basophils	0	/cumm	0 - 100
<u>GLR / NLR</u>			
(Neutrophil/Lymphocyte Ratio)	1.4		
<u>MENTZER INDEX</u>			
	12.6		
RDW-CV	13.4	%	11.1 - 14.1
RDW-SD	41.6	fl	
MPV	7.4	fl	
PCT	0.16	%	

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 MD. PATHOLOGIST





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PDW 17.8 %

PERIPHERAL SM EAR EXAMINATION

RBC Morphology
WBC Morphology
Platelets in Smear

**Hypochromia (+), Microcytosis (+), Anisocytosis (+),
Appear normal, Immature cells are not seen .
Adequate.**

Malarial Parasites

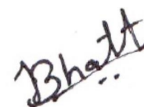
Not Detected.

Note

Hb electrophoresis is advised to rule out thalassemia as Mentzer index is <13. (low HB, high RBC count and low MCV) .

ESR

AFTER 1 HOUR 10 mm/hr 0.0 - 15.0



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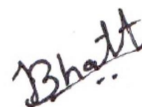
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Sample Type: BLOOD & URINE

BLOOD GROUP

<u>Test</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
Blood Group	"B"		
Rh Factor	POSITIVE		



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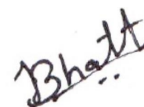




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BLOOD GLUCOSE TEST

Test	Observed Value	Unit	Biological Reference Interval
Sample	FLOURIDE PLASMA		
<u>FASTING (FBS)</u>			
Blood Sugar-F	70.3	mg/dL	70.00-110.00



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Reference: **VELOCITY HOSPITAL**Sample Type: **BLOOD & URINE**

HEMOGLOBIN A1c TEST

Test	Observed Value	Unit	Biological Reference Interval
HbA1c	5.4	%	> 8 : Action Suggested 7-8 : Good control < 7 : Goal 6.2-7 : Near Normal Glycemia < 6.2 : Non-diabetic Level
Mean Blood Glucose	108.3	mg/dL	70.0 - 140.0

Importance of HbA1c - Glycated Hb. in Diabetes Mellitus

- HbA1c, also known as Glycated Hemoglobin is the most important test for the assessment of long term blood glucose control (also called glycemic control)
- HbA1c reflects mean blood glucose concentration over past 6-8 weeks and provides amuch better indication of long term glycemic control than blood glucose determination
- HbA1c is formed by non-enzymatic reaction between glucose and Hb. , this reaction is irreversible and therefore remains unaffected by short term fluctuations in blood glucose levels.
- Long term complications of diabetes such as retinopathy-eye complications, nephropathy-kidney complications and neuropathy-nerve complications, are potentially serious and can lead to blindness, kidney failure etc.
- Glycemic control monitored by HbA1c measurement using HPLC method-(Gold Standard) is considered most important. (Ref. National Glycohemoglobin Standardization Program -NGSP).

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LIPID PROFILE

Test	Observed Value	Unit	Biological Reference Interval
Sample	Fasting Blood Serum		
Cholesterol	119.7	mg/dL	<220 Desirable 220-230 Borderline >240 High
Triglyceride	112.8	mg/dL	<150 Normal 150-199 Borderline 200-499 High >=500 Very High
HDL Cholesterol	47.6	mg/dL	40-60
VLDL	22.56	mg/dL	0.00 - 30.00
LDL Cholesterol	49.54	mg/dL	< 130 : Optimal 130 - 159 : Borderline High 160 - 189 : High >= 190 : Very High
LDL Chol. / HDL Chol. Ratio	1.04		1.0 - 3.4
Cholesterol / HDL Chol. Ratio	2.5		0 - 3.5
Total Lipid	446.8	mg/dl	400.0 - 1000.0

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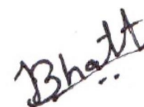
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RENAL FUNCTION TEST

Test		Unit	
S. Creatinine	1.1	mg/dL	0.5-1.30
Bl. Urea	22.3	mg/dL	10.0 - 40.0
BUN	10.4	mg/dl	6.0 - 22.0
Uric Acid	5.96	mg/dL	3.5 - 7.2

PROTEINS

Total Protein	7.9	g/dL	6.0 - 8.0
Albumin	4.07	g/dL	3.50 - 5.50
Globulin	3.8	g/dL	2.0 - 4.0
A/G Ratio	1.1		



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LIVER FUNCTION TEST

Test	Observed Value	Unit	Biological Reference Interval
BIURUBIN			
Total Bilirubin	0.4	mg/dL	0.00 - 1.20
Direct Bilirubin	0.2	mg/dL	0.00 - 0.40
Indirect Bilirubin	0.20	mg/dL	0.10-0.70
SGPT(ALT)	20.9	U/L	0.0 - 40.0
SGOT (AST)	22.3	U/L	0.00-46.00
Alkaline Phosphatase	198.3	U/L	64.0-306.0
PROTEINS			
Total Protein	7.9	g/dL	6.0 - 8.0
Albumin	4.07	g/dL	3.50 - 5.50
Globulin	3.8	g/dL	2.0 - 4.0
A/G Ratio	1.1		

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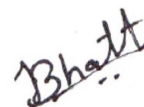
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URINE ANALYSIS

Test	Observed Value	Unit	Biological Reference Interval
Sample	Fresh Urine		
<u>PHYSICAL EXAMINATION</u>			
Quantity	10.0	mL	
Colour	Pale-Yellow		
Appearance	Clear		Clear
pH	6.0		
Specific Gravity	1.015		
Sediments	Absent		Absent
<u>CHEMICAL EXAMINATION</u>			
Protein (Albumin)	Absent		Absent
Sugar	Absent		Absent
Bile Salts	Absent		Absent
Bile Pigment	Absent		Absent
Ketone	Absent		Absent
Occult Blood	Absent		Absent
Nitrite	Absent		Absent
Leukocyte Esterase	Absent		Absent
Urobilinogen	Normal		Normal
<u>MICROSCOPIC EXAMINATION</u>			
Pus Cells	Occasional	/hpf	Absent
Red Blood Cells	Absent	/hpf	Absent
Epithelial Cells	1-2	/hpf	Absent
Crystals	Absent		Absent
Amorphous material	Absent		Absent
Casts	Absent		Absent
Yeast	Absent		Absent
Bacteria	Absent		Absent

--- End of Report ---



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ID: 2074080216102255
Name: *Bakeria Pervez*
Age: *25*
Gender: *Female*

02-08-2024 16:10:43

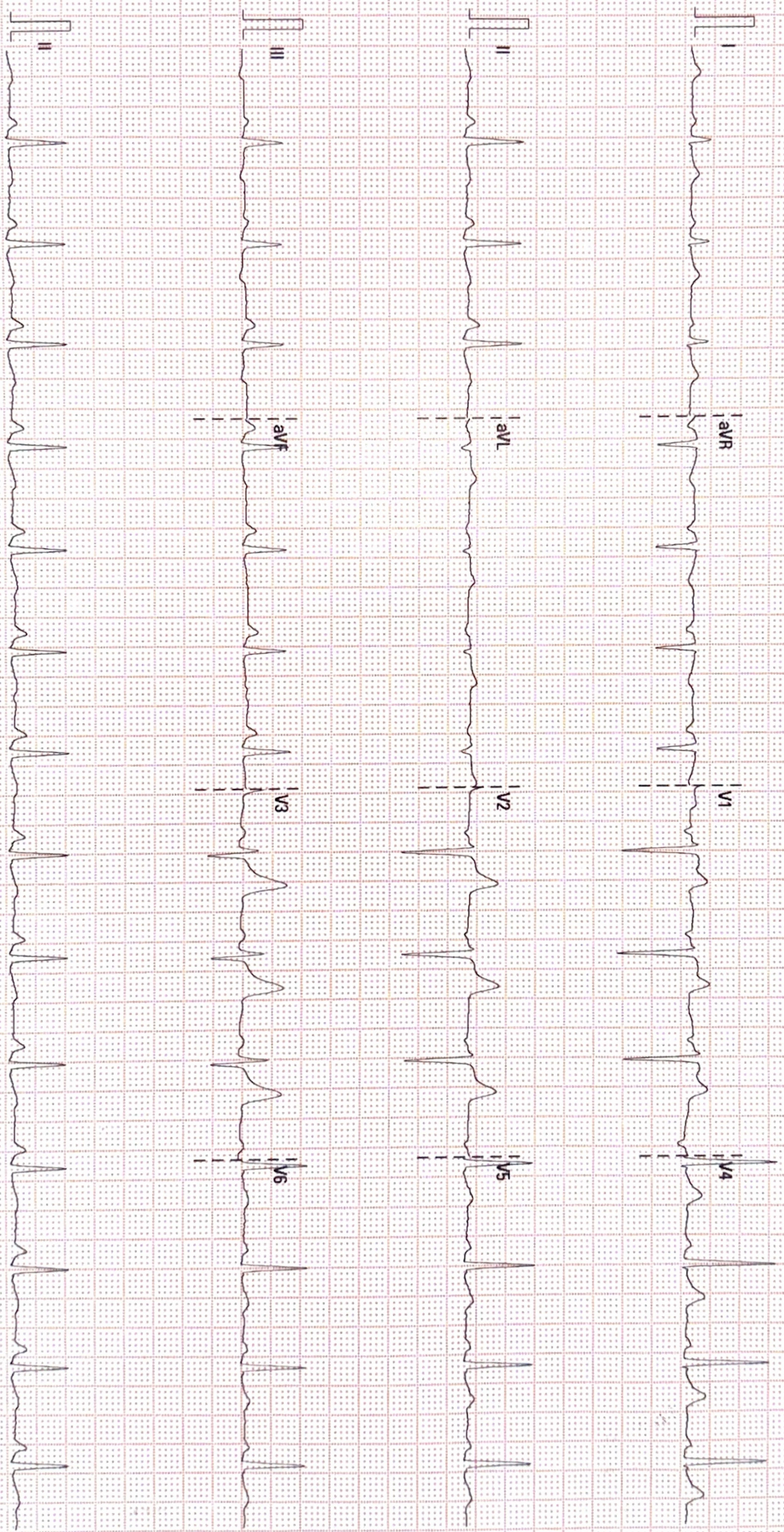
Vent. Rate
PR Interval
QRS Duration
QT/QTc Interval
P/QRS/T Axes
QTc:Hodges

87 bpm
132 ms
80 ms
348/395 ms
72/69/10 deg

Sinus rhythm
--- Interpretation made without knowing patient's gender/age ---

Normal ECG

Unconfirmed Diagnosis.



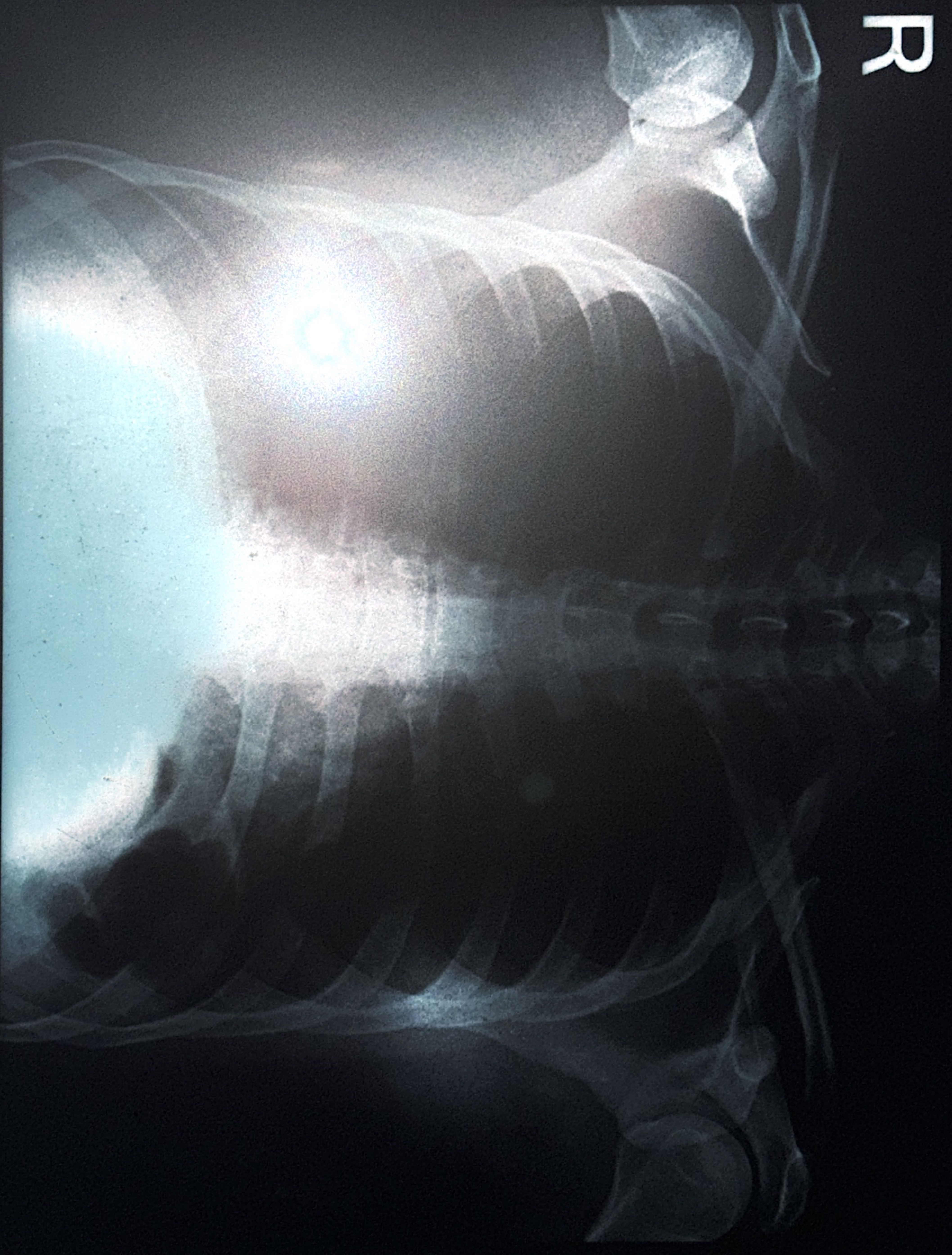
25 mm/s
10 mm/mV
50 Hz
BDR 20 Hz

VELOCITY HOSPITAL

02.09.00/V28.4.1

SNJFN-11024780

R



BURZIN P. VARIANVA/23Y CHEST PA 02-Aug-24 05:13 PM
VELOCITY MULTISPECIALITY HOSPITAL, SURAT



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Tel: +91-11-41195959, Fax: +91-11-29523020

CIN: U24240DL2011PTC216307

MEDICAL FITNESS CERTIFICATE

(To be signed by a registered medical practitioner holding a Medical degree)

This is to certify that **Mr. Burzin Parvez Variana** aged, **23yr.** Based on the examination, I certify that he is in good dental and physical health and it is free from any physical defects such as deafness, color blindness, and any chronic or contagious diseases.

Place: **Surat**

Date: 02/08/2024

Dr. Nitesh Kumar
MBBS
BCMR 47093

Name & Signature of

Medical officer