

## LABORATORY REPORT : BLOOD BANK

<b>Name</b>	: Mr. SHAIK ABDUL SURAJ	<b>Age /Sex</b>	: 56Y Y(s)/MALE
<b>Bill Date</b>	: 07-Aug-2024 11:17 AM	<b>UMR No.</b>	: 422408000406
<b>Rec. Dt</b>	: 07-Aug-2024 11:42 AM	<b>Bill No.</b>	: MCB42240801085
<b>Rept. Dt</b>	: 07-Aug-2024 02:28 PM	<b>Result No</b>	: RKM240804247
<b>Ref By</b>	: Dr. Kuntilla Amulya	<b>Sample ID</b>	: MCSKM3008804
<b>Sample Type</b>	: WHOLE BLOOD		

### BLOOD GROUPING AND RH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>BLOOD GROUP</b> <i>Automated microcolumn gel method</i>	B		
<b>RH TYPE</b>	POSITIVE		

#### INTERPRETATION

1. If Rh is Du positive it is best considered as Rh negative as recipient and Rh positive as donor. Proper Cross matching is recommended before transfusion.
2. In case of forward and reverse grouping discrepancy, clinical correlation and repeat sample analysis is recommended.
3. For Infants below 6 months only forward grouping is performed.
4. A sub-grouping is recommended after the age of 6 months.

\*\*\* End Of Report \*\*\*

**Suggested Clinical Correlation \* If necessary, Please discuss**



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## LABORATORY REPORT : BIOCHEMISTRY

<b>Name</b> : Mr. SHAIK ABDUL SURAJ	<b>Age /Sex</b> : 56Y Y(s)/MALE
<b>Bill Date</b> : 07-Aug-2024 11:17 AM	<b>UMR No.</b> : 422408000406
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<b>Rept. Dt</b> : 07-Aug-2024 02:28 PM	<b>Result No</b> : RKM240804236
<b>Ref By</b> : Dr. Kuntilla Amulya	<b>Sample ID</b> : MCSKM3008803
<b>Sample Type</b> : SERUM	

### BUN(BLOOD UREA NITROGEN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>BLOOD UREA</b> <i>Urease kinetic</i>	42.2	16.6 - 48.5	mg/dL
<b>BUN (Blood Urea Nitrogen.)</b>	19.72		

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<b>Rept. Dt</b>	: 07-Aug-2024 02:28 PM	<b>Result No</b>	: RKM240804242
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<b>Sample Type</b>	: SERUM		

### BUN / CREATININE RATIO

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>BUN / CREATININE RATIO</b> CALCULATED	22.1 *	10-20 mg/dL	mg/dL

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## LABORATORY REPORT : HAEMATOLOGY

<b>Name</b>	: Mr. SHAIK ABDUL SURAJ	<b>Age /Sex</b>	: 56Y Y(s)/MALE
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<b>Rec. Dt</b>	: 07-Aug-2024 11:42 AM	<b>Bill No.</b>	: MCB42240801085
<b>Rept. Dt</b>	: 07-Aug-2024 12:05 PM	<b>Result No</b>	: RKM240804249
<b>Ref By</b>	: Dr. Kuntilla Amulya	<b>Sample ID</b>	: MCSKM3008806
<b>Sample Type</b>	:		

### CBP(COMPLETE BLOOD PICTURE)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>HEMOGLOBIN</b> <i>Photometric</i>	13.0	13.0 - 17.0	gms/dL
<b>R B C COUNT</b> <i>Electrical Impedance</i>	4.44 *	4.5 - 5.5 10 <sup>12</sup> /L	10 <sup>12</sup> /L
<b>PCV/HCT</b> <i>Calculated</i>	39.2 *	40 - 50	%
<b>MCV</b> <i>Calculated</i>	88	83 - 101	fl
<b>MCH</b> <i>Calculated</i>	29.2	27 - 32	pg
<b>MCHC</b> <i>Calculated</i>	33.1	31 - 37	g/dL
<b>TLC (TOTAL LEUCOCYTE COUNT)</b> <i>Impedance</i>	9.1	4.0 - 10.0	10 <sup>3</sup> /μl
<b><u>DIFFERENTIAL COUNT</u></b>			
<b>NEUTROPHILS</b> <i>DHSS/Microscopy</i>	68	40 - 80 %	
<b>LYMPHOCYTES</b> <i>DHSS/Microscopy</i>	26	20 - 40 %	
<b>MONOCYTES</b> <i>DHSS/Microscopy</i>	04	02 - 10 %	
<b>EOSINOPHILS</b> <i>DHSS/Microscopy</i>	02	00 - 06 %	



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<b>PLATELET COUNT</b> <i>Electrical Impedance</i>	<b>543 *</b>	150 - 400 $10^3/\mu\text{L}$	$10^3/\mu\text{L}$
<b>MPV</b>	8.2	7.5 - 11.5 fl	fl

### PERIPHERAL SMEAR (Leishman's Stain /Microscopy)

#### RBC

Normocytic normochromic red cells.

#### WBC

Total and differential counts are within normal limits.

#### PLATELETS

Thrombocytosis.

#### IMPRESSION

Thrombocytosis.

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## LABORATORY REPORT : CLINICAL PATHOLOGY

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<b>Rec. Dt</b> : 07-Aug-2024 11:42 AM	<b>Bill No.</b> : MCB42240801085
<b>Rept. Dt</b> : 07-Aug-2024 12:10 PM	<b>Result No</b> : RKM240804248
<b>Ref By</b> : Dr. Kuntilla Amulya	<b>Sample ID</b> : MCSKM3008805
<b>Sample Type</b> :	

### CUE(COMPLETE URINE EXAMINATION)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b><u>PHYSICAL EXAMINATION</u></b>			
<b>COLOUR</b>	PALE YELLOW	PALE YELLOW	
<b><u>CHEMICAL EXAMINATION</u></b>			
<b>SPECIFIC GRAVITY</b> <i>Bromthymol blue</i>	1.010	1.000 - 1.030	
<b>PH</b> <i>Bromthymol blue</i>	6.5	5.0 - 8.0	
<b>PROTEIN</b> <i>Tetra-bromophenol blue/Heat coagulation test</i>	TRACE	NIL (<15 mg/dL)	
<b>GLUCOSE</b> <i>Glucose oxidase Peroxidase/Benedict?s test</i>	NIL	NIL (<25 mg/dL)	
<b>KETONE</b> <i>Sodium nitroprusside/Rothera?s test.</i>	NEGATIVE	NIL (<5 mg/dL)	
<b>URINE FOR BILE SALTS</b>	NEGATIVE		
<b>URINE BILE PIGMENTS</b>	NEGATIVE		
<b><u>MICROSCOPIC EXAMINATION</u></b>			
<b>PUS CELLS</b>	4-6/HPF	0 - 5 /hpf	



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<b>Sample Type</b>	:		

<b>RBC</b>	0-1/HPF	0 - 5 /hpf	
<b>EPITHELIAL CELLS</b>	2-3/HPF	0 - 5	hpf
<b>CRYSTALS</b>	NIL	NIL	
<b>CASTS</b>	NIL	NIL	
<b>BLOOD</b>	<b>NEGATIVE *</b>		

### INTERPRETATION

The colour fields of chemicals correspond to the following values:

1. Proteins: neg (negative), 30-99 (+), 100-499 (++) , >500 (+++) mg/dl
2. Ketones: neg. (negative), 5 (Trace), 15-49 (+), 50-149 (++) , >150 (+++) mg/dl
3. Glucose: norm. (normal), 50-149 (+), 150-499 (++) , 500-999 (+++) , >1000 (++++) mg/dl
4. Bilirubin: neg (negative), 1 (+), 3 (++) , 6 (+++) mg/ dl
5. Urobilinogen: norm. (normal), 2 (+), 4 (++) , 8 (+++) , 12 (++++) mg/dl.

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<b>Sample Type</b>	: WHOLE BLOOD		

### ESR

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>ESR</b> MODIFIED WESTERGREN'S METHOD	70 *	0 - 10	mm/1st hour

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<b>Sample Type</b>	: SERUM		

### HBA1C (GLYCOSYLATED HAEMOGLOBIN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>HBA1C</b> HPLC	8.9 *	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	

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<b>Sample Type</b>	: SERUM		

### LFT(LIVER FUNCTION TEST)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>TOTAL BILIRUBIN</b> <i>DIAZO</i>	0.490	<1.2	mg/dL
<b>DIRECT BILIRUBIN</b> <i>DIAZO</i>	<b>0.332 *</b>	<=0.20	mg/dL
<b>INDIRECT BILIRUBIN</b> <i>Calculated</i>	0.16	<=1.0	mg/dL
<b>SGPT (ALT)</b> <i>UV without P5P</i>	40.2	<=41	U/L
<b>SGOT (AST)</b> <i>UV without P5P</i>	16.0	<=40	U/L
<b>ALKALINE PHOSPHATASE (ALP)</b> <i>PNPP, AMP Buffer - IFCC Ref.</i>	<b>178 *</b>	40-129 U/L	U/L
<b>TOTAL PROTEINS</b> <i>Biuret method</i>	<b>8.24 *</b>	6.0 - 8.0 g/dL	g/dL
<b>SERUM ALBUMIN</b> <i>Bromcresol Green (BCG)</i>	4.50	3.5 - 5.2 g/dL	g/dL
<b>GLOBULINS</b> <i>Calculated</i>	<b>3.74 *</b>	2.5 - 3.5 g/dL	g/dL
<b>A/G RATIO</b> <i>Calculation</i>	1.20	1.2 - 2.5	

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<b>Rept. Dt</b> : 07-Aug-2024 02:28 PM	<b>Result No</b> : RKM240804239
<b>Ref By</b> : Dr. Kuntilla Amulya	<b>Sample ID</b> : MCSKM3008803
<b>Sample Type</b> : SERUM	

### LIPID PROFILE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>TOTAL CHOLESTEROL</b> <i>Enzymatic colorimetric</i>	<b>212.3 *</b>	Desirable :: < 200 mg/dL Borderline High :: 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
<b>HDL CHOLESTEROL</b> <i>Homogeneous enzymatic colorimetric</i>	41.3	Low :: < 40 mg/dL High :: > 60 mg/dL	mg/dL
<b>LDL CHOLESTEROL</b> <i>Direct-Enzymatic colorimetric</i>	<b>138 *</b>	Very High : - > 190 mg/dL Optimal : - < 100 mg/dL Near Optimal : 100 - 129 mg/dL High : 160 - 189 mg/dL Borderline High:130-159 mg/dl	mg/dL
<b>VLDL</b> <i>Calculation</i>	<b>33 *</b>	2 - 30 mg/dL	mg/dL
<b>SERUM TRYGLYCERIDES</b> <i>Enzymatic colorimetric</i>	<b>166.2 *</b>	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
<b>CHO/HDL RATIO</b> <i>Calculation</i>	<b>5.14 *</b>	Normal : - < 3.5 High Risk : - > 5.0	

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<b>Rec. Dt</b>	: 07-Aug-2024 02:57 PM	<b>Bill No.</b>	: MCB42240801085
<b>Rept. Dt</b>	: 07-Aug-2024 03:30 PM	<b>Result No</b>	: RKM240804377
<b>Ref By</b>	: Dr. Kuntilla Amulya	<b>Sample ID</b>	: MCSKM3008873
<b>Sample Type</b>	:		

### PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
PLBS (POST LUNCH BLOOD GLUCOSE)	285 *	80 - 140	mg/dl

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<b>Ref By</b>	: Dr. Kuntilla Amulya	<b>Sample ID</b>	: MCSKM3008803
<b>Sample Type</b>	: SERUM		

### PSA (PROSTATE SPECIFIC ANTIGEN).

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
PROSTATE SPECIFIC ANTIGEN (PSA) <i>ECLIA</i>	0.219	0-4.0	ng/mL

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### SERUM CREATININE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>CREATININE</b> <i>Jaffe</i>	0.89	0.7 - 1.2	mg/dL

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<b>Ref By</b>	: Dr. Kuntilla Amulya	<b>Sample ID</b>	: MCSKM3008803
<b>Sample Type</b>	: SERUM		

### SERUM URIC ACID

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>SERUM URIC ACID</b> <i>uricase</i>	5.6	3.4-7.0	mg/dL

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<b>Sample Type</b>	: SERUM		

### T3,T4 AND TSH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<b>T3</b> ECLIA	1.02	0.8 - 2.0	ng/mL
<b>T4</b> ECLIA	8.31	5.1 - 14.1	ug/dL
<b>TSH(THYROID STIMULATING HORMONE)</b> ECLIA	<b>4.90 *</b>	0.270 - 4.20	uIU/mL

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### VITAMIN B12

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
VITAMIN B12 ECLIA	50.00 *	197-771	pg/mL

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MBBS, DCP, DNB (PATHOLOGY)  
CONSULTANT PATHOLOGIST

## LABORATORY REPORT : BIOCHEMISTRY

<b>Name</b>	: Mr. SHAIK ABDUL SURAJ	<b>Age /Sex</b>	: 56Y Y(s)/MALE
<b>Bill Date</b>	: 07-Aug-2024 11:17 AM	<b>UMR No.</b>	: 422408000406
<b>Rec. Dt</b>	: 07-Aug-2024 11:42 AM	<b>Bill No.</b>	: MCB42240801085
<b>Rept. Dt</b>	: 07-Aug-2024 02:28 PM	<b>Result No</b>	: RKM240804238
<b>Ref By</b>	: Dr. Kuntilla Amulya	<b>Sample ID</b>	: MCSKM3008803
<b>Sample Type</b>	: SERUM		

### VITAMIN D3 (1,25 DIHYDROXY)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
VITAMIN D3 (1,25 DIHYDROXY) ELISA	33.78	19.3 - 53.8 pg/ml	pg/ml

#### INTERPRETATION

- 1,25-dihydroxycholecalciferol or Calcitriol is the active form of vitamin D formed in Kidney.
- It is a hormone which binds to and activates the vitamin D receptor
- Calcitriol increases blood calcium (Ca<sup>2+</sup>) mainly by increasing the uptake of calcium from the intestines
- 1,25-Dihydroxyvitamin D concentrations are low in chronic renal failure and hypoparathyroidism.
- 1,25-Dihydroxyvitamin D concentrations are high in sarcoidosis and other granulomatous diseases, some malignancies, primary hyperparathyroidism, and physiologic hyperparathyroidism.
- 1,25-Dihydroxyvitamin D concentrations are not a reliable indicator of vitamin D toxicity; normal (or even low) results may be seen in such cases.

\*\*\* End Of Report \*\*\*

Suggested Clinical Correlation \* If necessary, Please discuss



Dr. KONAPALA SUDHEER  
MBBS, DCP, DNB (PATHOLOGY)  
CONSULTANT PATHOLOGIST







**PAID Srinivasa Complex**  
Kushalapuram, Venkatapuram Village  
Near Simhadwaram  
Srikakulam-532410

**OPD CONSULTATION**

Bill No	SKL24-25\OPD\8801	Bill Date	07/Aug/2024 12:51 PM
Patient Name	MR. ABDUL SURAJ SHAIK	Patient ID	530085
Age/Sex - DOB	57 Yrs / M	Consultant	Dr B. Sumanjali
Payor Name	WALK IN	Mobile No	9948012804

Sr.No.	Service Code	Service Name	Qty	Net Amt.
1	SKLM001	OPD Consultation (Srikakulam)	1	100.00

Net Amount In (Words) Rupees One Hundred Only.

Total Amount	100.00
Net Bill Amount	100.00
Paid Amount by Patient	50.00
Balance Amount	50.00

Receipt Date	Receipt No	Deposit Type	Pay Type	Chq/Ref.No	Amount
07/Aug/2024	1573	Bill Time Paid	Cash		50

OPD Consultation is valid only for this Visit. For Post Operative Patients 2 Follow up Consultations from date of Surgery are Considered as Free.

Prepared by

FOR : SANKAR FOUNDATION



~~100~~ 11.00 | -0.75 x 8.5  
100 10.25 | -0.50 x 7.0



s. abdulsuraj 56y  
Male

07-Aug-24 12:12:59 PM

ate 84 . Age not entered, assumed to be 50 years old for purpose of ECG interpretation  
 PR 159 . Sinus rhythm.....normal P axis, V-rate 50- 99  
 QRS 103 . Left anterior fascicular block.....axis(240,-40), init forces inf  
 QT 392 . Abnormal R-wave progression, late transition.....QRS area<0 in V5/V6  
 QTc 464 . Baseline wander in lead(s) V1,V2

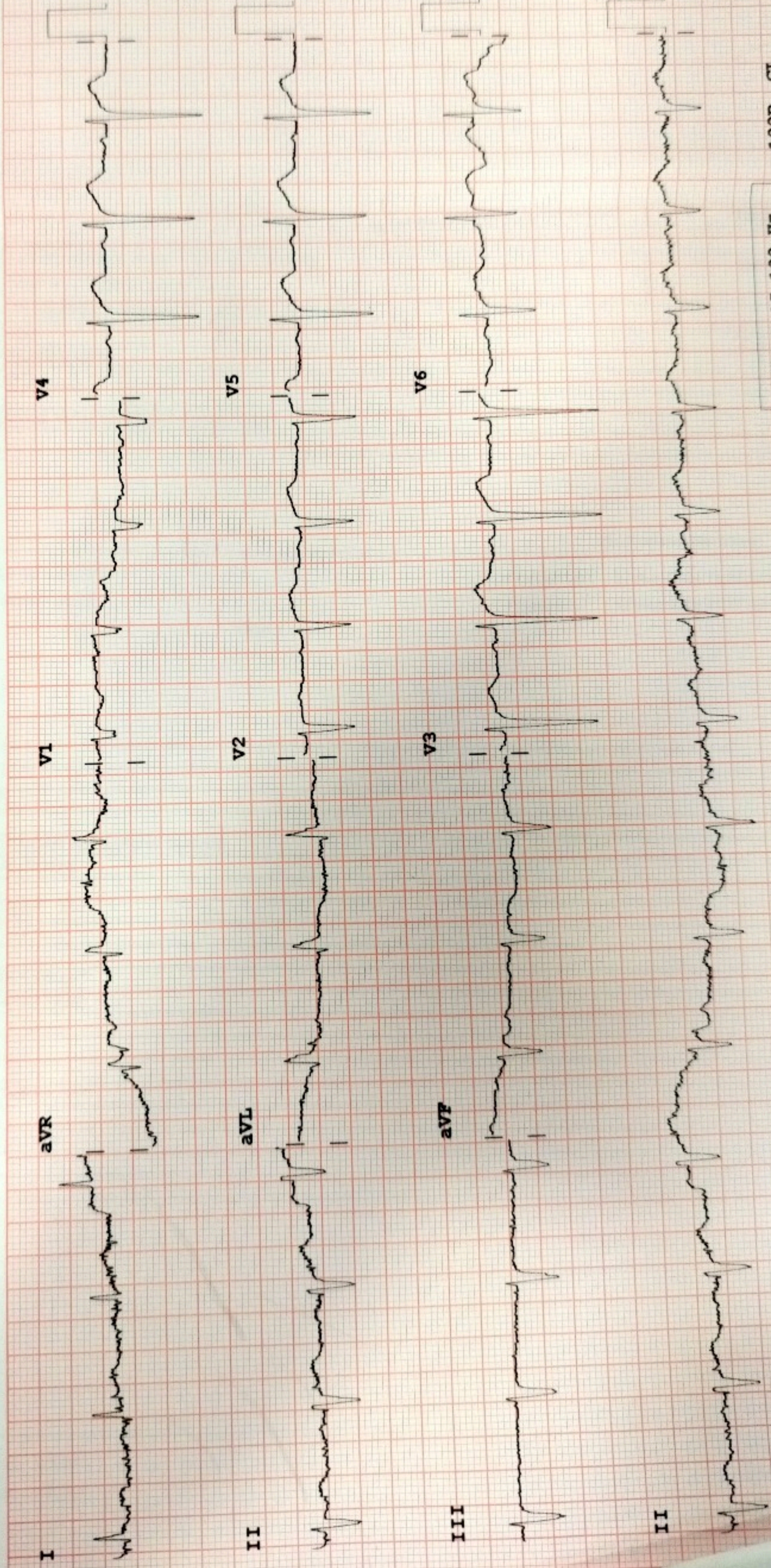
--AXIS--

P 30  
 QRS -67  
 T 43

12 Lead; Standard Placement

- ABNORMAL ECG -

Unconfirmed Diagnosis



F 60~ 0.15-100 Hz 100B CL P?

Speed: 25 mm/sec Chest: 10.0 mm/mV Limb: 10 mm/mV

Device:





**MEDICOVER**  
HOSPITALS

A unit of Sahrudaya Health Care Srikakulam Pvt. Ltd.

NAME : SHAIK ABDUL SURAJ

AGE / SEX : 56 Y/ MALE

Dr K AMULYA

SKU0406

DATE : 07/08/2024

X-RAY CHEST PA

Trachea normal in position.

Cardiac size normal.

Both lung fields clear.

Bony rib cage normal.

Impression :

**\* No significant abnormality seen.**

A handwritten signature in blue ink, appearing to be 'B. Venkatesh', with a checkmark-like flourish at the end.

Dr. B. VENKATESH , MBBS MD DMRD  
CONSULTANT RADIOLOGIST