

Med notes

11/11/2023

Dr. Steven Goss  
Senior Lecturer (Medicine)  
Associate Professor (Health Care)  
Specialist in Internal Medicine  
Tel: 011 261 2020-4111



- Mrs Barbara Bone - 40, 10/11/23  
 - 20 y - 10/11/23 - 40 y - 10/11/23  
 - 10/11/23 - 40 y - 10/11/23  
 after 3/4m 10/11/23

Mrs: Darshana Dhole  
- 34 ymf

26/8/23

- for health checkup
- no menstrual complaints

LMP - 19/8/23

on - 6/4

x10 - Sickle cell disease ⊕

P/A - 5/6

P/S - 2/4 ⊕

- 10 - Sordentium repabuguly
- spleen - not enlarged
- cholelithiasis
- uterus ⊕

Adv

- PAP - smear

- ct all cholelithiasis

- Ct. FOL-123

100 x 30 days

- surgeon's opinion for cholelithiasis

Dausshana Dhole

Date: 26/08/2023.

Sex:      Sex:  M  F Weight:      kg Height:      inc BMI:       
mmHg Pulse:      bpm RBS:      mg/dl

blockage of  R ear °° 3-4 days.

Ears:  R  L.  
B/L TM - WNL.

Nose  
throat } WNL.

p! - ET dysfunction.

... elsewhere.

r. Rahul Atara  
B.S. MDS (Endodontics)  
Reg. No: A-16347



me: Mrs. Darshana Dhot. Date: 26/8/23.  
Age: 34 Sex: M/F  Weight: \_\_\_\_\_ kg Height: \_\_\_\_\_ inc BMI: \_\_\_\_\_  
mmHg Pulse: \_\_\_\_\_ bpm RBS: \_\_\_\_\_ mg/dl

Routine Dental check up.

E: stains.

dx: oral prophylaxis.

+ complains of ~~for~~ pain in (2) left side of jaw on lower border of mandible.

dx: o/b.

OPR. taken

asked to reposit when there is pain.

Dr. Pooja



**CLINICAL DIAGNOSTIC LABORATORY  
DEPARTMENT OF PATHOLOGY**

**Patient Name** : Mrs. DARSHANA DHOK  
**Bill No/ UMR No** : BIL2324035117/UMR2324017656  
**Received Dt** : 26-Aug-23 09:26 am

**Age / Gender** : 34 Y(s)/Female  
**Referred By** : Dr. Vimmi Goel MBBS,MD  
**Report Date** : 26-Aug-23 12:40 pm

**HAEMOGRAM**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Haemoglobin	Blood	<b>8.1</b>	12.0 - 15.0 gm%	Photometric
Haematocrit(PCV)		<b>25.8</b>	36.0 - 46.0 %	Calculated
RBC Count		<b>2.60</b>	3.8 - 4.8 Millions/cumm	Photometric
Mean Cell Volume (MCV)		99	83 - 101 fl	Calculated
Mean Cell Haemoglobin (MCH)		31.1	27 - 32 pg	Calculated
Mean Cell Haemoglobin Concentration (MCHC)		<b>31.3</b>	31.5 - 35.0 g/l	Calculated
RDW		<b>17.6</b>	11.5 - 14.0 %	Calculated
Platelet count		394	150 - 450 10 <sup>3</sup> /cumm	Impedance
WBC Count		9600	4000 - 11000 cells/cumm	Impedance
<b>DIFFERENTIAL COUNT</b>				
Neutrophils		<b>46.1</b>	50 - 70 %	Flow Cytometry/Light microscopy
Lymphocytes		<b>46.1</b>	20 - 40 %	Flow Cytometry/Light microscopy
Eosinophils		2.6	1 - 6 %	Flow Cytometry/Light microscopy
Monocytes		5.1	2 - 10 %	Flow Cytometry/Light microscopy
Basophils		0.1	0 - 1 %	Flow Cytometry/Light microscopy
Absolute Neutrophil Count		4425.6	2000 - 7000 /cumm	Calculated





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**DEPARTMENT OF PATHOLOGY**

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<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Absolute Lymphocyte Count		4425.6	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		249.6	20 - 500 /cumm	Calculated
Absolute Monocyte Count		489.6	200 - 1000 /cumm	Calculated
Absolute Basophil Count		9.6	0 - 100 /cumm	Calculated

**PERIPHERAL SMEAR**

RBC  
WBC  
Platelets  
E S R

Macrocytosis++(11  
%-20%),Target  
cells  
seen.2nRBC\100W  
BC.  
As Above  
Adequate

35      0 - 20    mm/hr

Automated  
Westergren's M

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

Suggested Clinical Correlation \* If necessary, please discuss

Verified By : : 11100245

Test results related only to the item tested.

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**DR. PURVA JAISWAL, MBBS,MD,1**  
**CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY**

**DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. DARSHANA DHOK	<b>Age / Gender</b> : 34 Y(s)/Female
<b>Bill No/ UMR No</b> : BIL2324035117/UMR2324017656	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 26-Aug-23 11:37 am	<b>Report Date</b> : 26-Aug-23 12:24 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Post Prandial Plasma Glucose	Plasma	105	< 140 mg/dl	GOD/POD, Colorimetric

**GLYCOSYLATED HAEMOGLOBIN (HbA1c)**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
HbA1c		.	Non-Diabetic : <= 5.6 % Pre-Diabetic : 5.7 - 6.4 % Diabetic : >= 6.5 %	HPLC

**COMMENT**  
HbA1c cannot be reported due to presence of Hb variant (S-window 79.0%) in homozygous condition. Kindly refer sample for fructosamine test and Hb variant analysis.

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

*Dr. Vaidehee Naik*

Suggested Clinical Correlation \* If necessary, Please discuss

DR. VAIDEHEE NAIK, MBBS, PATHOLOGIST

Mr. Kanoo, Nank



CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mrs. DARSHANA DHOK Age / Gender : 34 Y(s)/Female  
No / UMR No : BIL2324035117/UMR2324017656 Referred By : Dr. Vimmi Goel MBBS,MD  
Received Dt : 26-Aug-23 11:37 am Report Date : 26-Aug-23 12:24 pm

Parameter : Fasting Prandial Plasma Glucose Specimen : Plasma Results : 105 Biological Reference : < 140 mg/dl Method : GOD/POD, Colorimetric

GLYCOSYLATED HAEMOGLOBIN (HBA1C)

Non-Diabetic : <= 5.6 % HPLC  
Pre-Diabetic : 5.7 - 6.4 %  
Diabetic : >= 6.5 %

HbA1c cannot be reported due to presence of Hb variant (S-window 79.0%) in homozygous condition. Kindly refer sample for fructosamine test and Hb variant analysis.

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Dr. VAIDEHEE NAIK, MBBS, MD  
CONSULTANT PATHOLOGIST





**KIMS-KINGSWAY  
HOSPITALS**

**CLINICAL DIAGNOSTIC LABORATORY  
DEPARTMENT OF BIOCHEMISTRY**

<b>Patient Name</b> : Mrs. DARSHANA DHOK	<b>Age /Gender</b> : 34 Y(s)/Female
<b>Patient No/ UMR No</b> : BIL2324035117/UMR2324017656	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 26-Aug-23 09:26 am	<b>Report Date</b> : 26-Aug-23 11:57 am

**THYROID PROFILE**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Free T4	Serum	1.60	0.55 - 1.70 ng/ml	Enhanced chemiluminescence
		1.20	0.80 - 1.70 ng/dl	Enhanced Chemiluminescence
		3.53	0.50 - 4.80 uIU/ml	Enhanced chemiluminescence

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

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**Dr. PURVA JAISWAL, MBBS,MD,DNB  
CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY  
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**Age /Gender** : 34 Y(s)/Female  
**Referred By** : Dr. Vimmi Goel MBBS,MD  
**Report Date** : 26-Aug-23 11:57 am

**LIVER FUNCTION TEST (LFT)**

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Total Bilirubin	Serum	<b>2.67</b>	0.2 - 1.3 mg/dl	Azobilirubin/Dyphylline
Direct Bilirubin		<b>0.42</b>	0.1 - 0.3 mg/dl	Calculated
Indirect Bilirubin		<b>2.25</b>	0.1 - 1.1 mg/dl	Dual wavelength spectrophotometric pNPP/AMP buffer
Alkaline Phosphatase		93	38 - 126 U/L	Kinetic with pyridoxal 5 phosphate
ALT		27	13 - 45 U/L	Kinetic with pyridoxal 5 phosphate
AST		<b>44</b>	13 - 35 U/L	Biuret (Alkaline cupric sulphate)
Serum Total Protein		8.00	6.3 - 8.2 gm/dl	Bromocresol green Dye Binding
Albumin Serum		4.40	3.5 - 5.0 gm/dl	Calculated
Globulin		3.60	2.0 - 4.0 gm/	
A/G Ratio		1.22		

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

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**Dr. PURVA JAISWAL, MBBS,MD,DNB**

**CONSULTANT PATHOLOGIST**



**CLINICAL DIAGNOSTIC LABORATORY  
DEPARTMENT OF BIOCHEMISTRY**

**Patient Name** : Mrs. DARSHANA DHOK  
**Age / Gender** : 34 Y(s)/Female  
**Bill No/ UMR No** : BIL2324035117/UMR2324017656  
**Referred By** : Dr. Vimmi Goel MBBS,MD  
**Received Dt** : 26-Aug-23 09:26 am  
**Report Date** : 26-Aug-23 11:57 am

<b>RFT Parameter</b>	<b>Specimen</b>	<b>Result Values</b>	<b>Biological Reference</b>	<b>Method</b>
Blood Urea	Serum	<b>12</b>	15.0 - 36.0 mg/dl	Urease with indicator dye
Creatinine		<b>0.35</b>	0.52 - 1.04 mg/dl	Enzymatic ( creatinine amidohydrolase)
GFR		137.5		Calculation by CKD-EPI 2021
Sodium		140	136 - 145 mmol/L	Direct ion selective electrode
Potassium		4.47	3.5 - 5.1 mmol/L	Direct ion selective electrode

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

Suggested Clinical Correlation \* If neccessary, Please discuss

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**Dr. PURVA JAISWAL, MBBS,MD,DNB  
CONSULTANT PATHOLOGIST**





**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF PATHOLOGY**

<b>Patient Name</b> : Mrs. DARSHANA DHOK	<b>Age / Gender</b> : 34 Y(s)/Female
<b>UIN No/ UMR No</b> : BIL2324035117/UMR2324017656	<b>Referred By</b> : Dr. Vimmi Goel MBBS,MD
<b>Received Dt</b> : 26-Aug-23 11:41 am	<b>Report Date</b> : 26-Aug-23 12:50 pm

**URINE MICROSCOPY**

**PHYSICAL EXAMINATION**

Parameter	Specimen	Results	Method
Volume	Urine	30 ml	
Colour.		Pale yellow	
Appearance		Clear	

**CHEMICAL EXAMINATION**

Reaction (pH)	5.0	4.6 - 8.0	Indicators
Specific gravity	1.010	1.005 - 1.025	ion concentration
Urine Protein	Negative		protein error of pH indicator
Sugar	Negative		GOD/POD
Bilirubin	Negative		Diazonium
Ketone Bodies	Negative		Legal's est Principle
Nitrate	Negative		Ehrlich's Reaction
Urobilinogen	Normal		

**MICROSCOPIC EXAMINATION**

Epithelial Cells	0-1	0 - 4 /hpf	Manual
W.B.C.	Absent	0 - 4 /hpf	
Rus Cells	0-1	0 - 4 /hpf	
casts	Absent		



**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF PATHOLOGY**

**Patient Name** : Mrs. DARSHANA DHOK  
**Age / Gender** : 34 Y(s)/Female  
**No/ UMR No** : BIL2324035117/UMR2324017656  
**Referred By** : Dr. Vimmi Goel MBBS,MD  
**Received Dt** : 26-Aug-23 11:41 am  
**Report Date** : 26-Aug-23 12:50 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
stals		Absent	
		*** End Of Report ***	

Requested Clinical Correlation \* If necessary, Please

Order By : : 11100400

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**Dr. Anuradha Deshmukh, MBBS,MD**  
**CONSULTANT MICROBIOLOGIST**





STATS

**CLINICAL DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF IMMUNO HAEMATOLOGY**

**Patient Name** : Mrs. DARSHANA DHOK  
**Age / Gender** : 34 Y(s)/Female  
**Ref No/ UMR No** : BIL2324035117/UMR2324017656  
**Referred By** : Dr. Vimmi Goel MBBS,MD  
**Received Dt** : 26-Aug-23 09:26 am  
**Report Date** : 26-Aug-23 11:57 am

**BLOOD GROUPING AND RH**

**Parameter**  
**BLOOD GROUP.**

**Specimen   Results**

EDTA Whole " B "  
Blood &  
Plasma/  
Serum

Gel Card Method

" Positive "(+Ve)

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

Rh (D) Typing.

Suggested Clinical Correlation \* If necessary, Please discuss

Verified By : : 11100245

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**Dr. PURVA JAISWAL, MBBS,MD,DNB**  
**CONSULTANT PATHOLOGIST**

DEPARTMENT OF RADIOLOGY & IMAGING SCIENCE  
HANNA DHOK

MRD / F	STUDY DATE	SCAN DATE
24035117-10	HOSPITAL NO	26-03-2023 08:21:36
-2023 12:51	MODALITY	EXPT:001-008
	REFERR BY	DR
		Dr Vinod Gaur

X RAY CHEST AP VIEW

clear.

ation.

LA  
ANT RADIOLOGIST.

NAME OF PATIENT:	DARSHANA DHOK	AGE & SEX:	34Y/F
PATIENT NO	2324017656	BILL NO:	2324035117
OPD NO	DR. VIMMI GOEL	DATE:	26/08/2023
REF BY:			

**USG ABDOMEN AND PELVIS**

**LIVER is borderline enlarged in size (15.9 cm) and shows normal echotexture.**  
No evidence of any focal lesion seen.

Intrahepatic biliary radicals are not dilated. PORTAL VEIN and CBD are normal in course and caliber.

**GALL BLADDER is physiologically distended. Few (4 - 5) echogenic calculi are seen in the proximal body, largest of which measures 10 mm. No perigB collection or GB wall thickening.**

Visualized head and body of PANCREAS is normal in shape, size and echotexture.

**SPLEEN is not visualized - ? atrophic ? agenesis.**

Right kidney measures - 10.1 x 4.7 cm. Left kidney measures - 10.8 x 5.7 cm.  
Both KIDNEYS are normal in shape, size and echotexture.

No evidence of calculus or hydronephrosis seen.

URETERS are not dilated.

URINARY BLADDER is well distended. No calculus or mass lesion seen.

Uterus is anteverted and normal. It measures 4.3 x 3.7 x 2.7 cm.

No focal myometrial lesion seen.

ET - thin central.

No adnexal mass lesion seen.

There is no free fluid or abdominal lymphadenopathy seen.

**IMPRESSION: USG reveals,**

- **Borderline hepatomegaly.**
- **Spleen is not visualized - ? atrophic ? agenesis**
- **Cholelithiasis without cholecystitis.**

*[Handwritten signature]*

**DR. ANIKET KUSRAM**

**MBBS, MD, DNB (Radio-diagnosis)**

**Reg no: 2017094427**



**2D ECHOCARDIOGRAPHY AND COLOR DOPPLER REPORT**

Patient Name : Mrs. Darshana Dhok  
 Age : 34 years / Female  
 UMR : UMR2324017656  
 Date : 26/08/2023  
 Done by : Dr. Vimmi Goel  
 ECG : NSR, WNL  
 Blood pressure: 120/80 mm Hg (Right arm, Supine position)  
 BSA : 1.55 m<sup>2</sup>

**Impression:**

**Normal LV dimensions**  
**LA is on higher side**  
**No RWMA of LV at rest**  
**Good LV systolic function, LVEF 70%**  
**Normal LV diastolic function**  
**E/A is 2.0**  
**E/E' is 8.7 (Normal filling pressure)**  
**Valves are normal**  
**Trivial TR, No pulmonary hypertension**  
**IVC is normal in size and collapsing well with respiration**  
**No clots or pericardial effusion**

**Comments:**

Sector echocardiography was performed in various conventional views (PLAX, SSAX, AP4 CH and 5 CH views). LV size normal. LA is on higher side. There is no RWMA of LV seen at rest. Good LV systolic function. LVEF 70%. Normal LV diastolic function. E Velocity is 122 cm/s, A Velocity is 60 cm/s. E/A is 2.0. Valves are normal. Trivial TR. No Pulmonary Hypertension. IVC normal in size and collapsing well with respiration. Pericardium is normal. No clots or pericardial effusion seen.  
 at medial mitral annulus is 13.1 cm/sec & at lateral mitral annulus is 15 cm/sec.  
 E/E' is 8.7 (Average).

**M Mode echocardiography and dimension:**

	Normal range (mm)		Observed (mm)
	(adults)	(children)	
Left atrium	19-40	7-37	36
Aortic root	20-37	7-28	25
LVIDd	35-55	8-47	47
LVIDs	23-39	6-28	29
IVS (d)	6-11	4-8	09
LVPW (d)	6-11	4-8	09
LVEF %	~ 60%	~60%	70%
Fractional Shortening			40%

*Dr. Vimmi Goel*  
**MD, Sr. Consultant**  
**Non-invasive Cardiology**

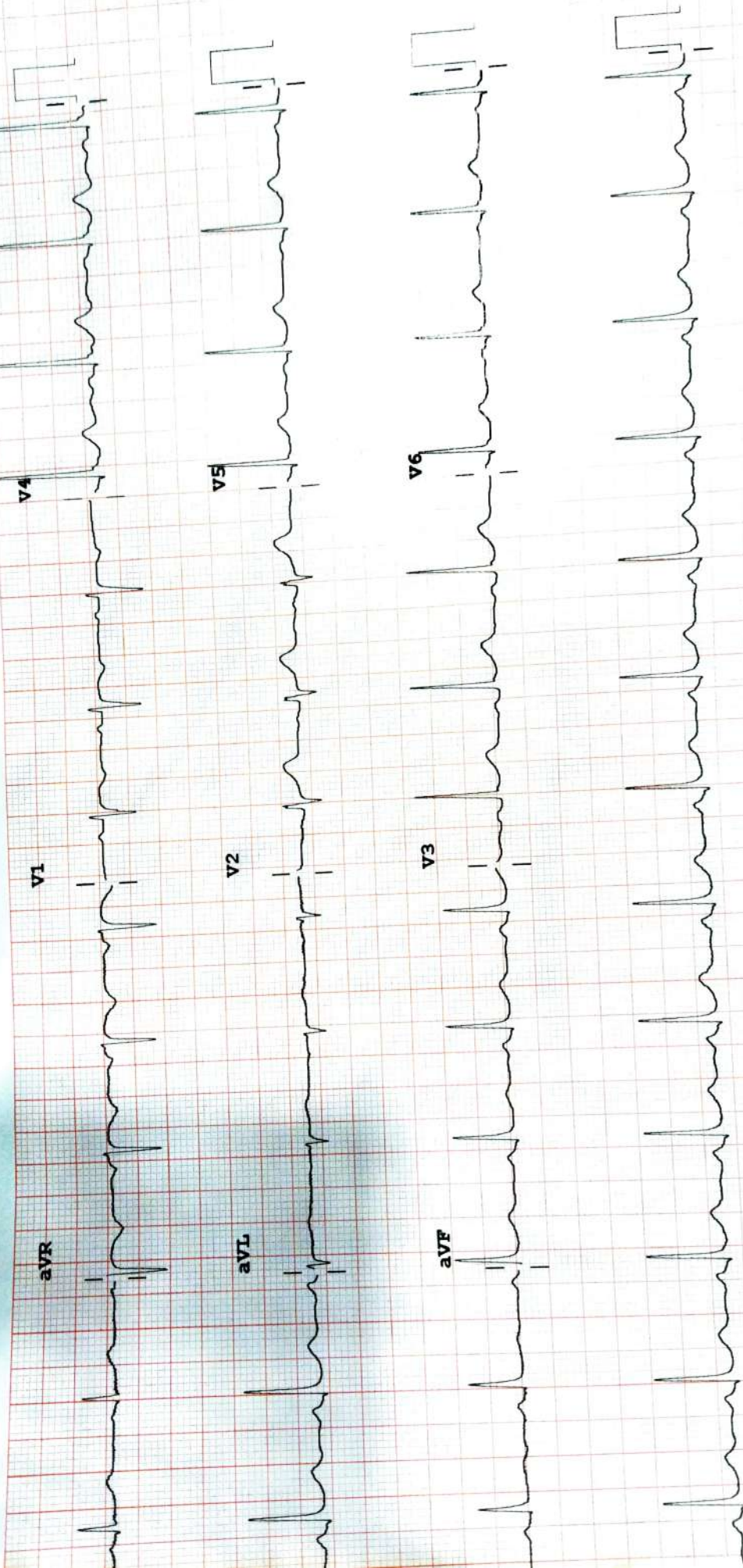
V-rate 50-99

norm

- NORMAL ECG -

Standard Placement

Unconfirmed Diagnosis



F 50~ 0.50-150 Hz W

100B CL

P?

Chest: 10.0 mm/mV

Limb: 10 mm/mV

Speed: 25 mm/sec

REORDER # M246JA



Name: Mrs. Dareshara Dhak Date: 26/08/23

Age: 34 y Sex: M/F Weight: 56.2 kg Height: 154.5 inc BMI: 23.61

Blood Pressure: 120/80 mmHg Pulse: 79 bpm RBS: \_\_\_\_\_ mg/dl

SPO2: 96%

LMP: 20/8/23

34/F

MC Sickle Cell Anemia

On T. Folic Acid

Hydrea, Cholelithiasis

INW → wored

I + P+

Ch  
W  
B/A | N

Adv.  
• Cr. previous 7/4

INW → wored

S. Ca  
S. P  
wit D3

  
**Dr. VIMMI GOEL**  
MBBS, MD  
Sr. Consultant-Non Invasive Card  
Reg.No.: 2014/01/0113



PgUp  
Pause  
Break

Num  
Lock



PgDn

7  
Home

8  
↑

