

CID# **25** : 393834951

Name : NILAM MOHITE

Age / Gender : 30 Years/ Female

Consulting Dr. :

Reg. Location : Swargate, Pune (Main Centre)

A

Collected : 08/03/2025

Reported : 08/03/2025

PHYSICAL EXAMINATION REPORT

History and Complaints:

NO

EXAMINATION FINDINGS:

Height (cms):	150 cm	Weight (kg):	56 kg
Temp (0c):	Afebrile	Skin:	Normal
Blood Pressure (mm/hg):	104/78mmHg	Nails:	Healthy
Pulse:	76 /min	Lymph Node:	Not Palpable

Systems

Cardiovascular: S1 S2 Normal NO Murmurs
Respiratory: Normal
Genitourinary: Normal
GI System: Soft non tender no Organomegaly
CNS: Normal

IMPRESSION:

HbA1c ↑ & GI-bladder persep/sludge

ADVICE:

*— consult family physician
— low carb
— Ref to Gastrologist*

CHIEF COMPLAINTS:

1) Hypertension;	NO
2) IHD	NO
3) Arrhythmia	NO
4) Diabetes Mellitus	NO
5) Tuberculosis	NO
6) Asthama	NO
7) Pulmonary Disease	NO

Dr. I. U. BAMB
M.B.B.S., M.D. (Medicine)
Reg. No. 39452

CID# **25** : 393834951
YEARS

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Age / Gender : 30 Years/ Female

Consulting Dr. :

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Reported : 08/03/2025

- | | |
|--|-----|
| 8) Thyroid/ Endocrine disorders | NO |
| 9) Nervous disorders | NO |
| 10) GI system | NO |
| 11) Genital urinary disorder | NO |
| 12) Rheumatic joint diseases or symptoms | NO |
| 13) Blood disease or disorder | NO |
| 14) Cancer/lump growth/cyst | NO |
| 15) Congenital disease | NO |
| 16) Surgeries | Yes |
| 17) Musculoskeletal System | NO |

PERSONAL HISTORY:

- | | |
|---------------|-------|
| 1) Alcohol | NO |
| 2) Smoking | NO |
| 3) Diet | Mixed |
| 4) Medication | NO |

*** End Of Report ***

Dr.I U BAMB



Name : Ms. NILAM MOHITE
 Lab No. : 393834951
 Ref By : SELF
 Collected : 8/3/2025 9:56:00AM
 A/c Status : P
 Collected at : WALKIN - PUNE LAB, PUNE SATARA ROAD
 Seraph Centre, Opp. BSNL Exchange, Shahu
 College Road, Off, Pune - Satara Rd, behind
 Panchami Hotel, Pune 411009

Age : 30 Years
 Gender : Female
 Reported : 8/3/2025 9:26:16PM
 Report Status : Final
 Processed at : PUNE LAB, PUNE SATARA ROAD

**Aerfocami Healthcare Below 40 Male/Female
 CBC (Complete Blood Count), Blood**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>RBC PARAMETERS</u>			
Haemoglobin	13.3	12.0 - 15.0 g/dL	Spectrophotometric
RBC	5.0	3.8 - 4.8 mil/cmm	Elect. Impedance
PCV	41.8	36.0 - 46.0 %	Calculated
MCV	84.0	81.0 - 101.0 fL	Measured
MCH	26.8	27.0 - 32.0 pg	Calculated
MCHC	31.8	31.5 - 34.5 g/dL	Calculated
RDW	14.0	11.6 - 14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	5600	4000 - 10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	40.7	20.0 - 40.0 %	
Absolute Lymphocytes	2279.2	1000.0 - 3000.0 /cmm	Calculated
Monocytes	3.7	2.0 - 10.0 %	
Absolute Monocytes	207.2	200.0 - 1000.0 /cmm	Calculated
Neutrophils	52.8	40.0 - 80.0 %	
Absolute Neutrophils	2956.8	2000.0 - 7000.0 /cmm	Calculated
Eosinophils	2.8	1.0 - 6.0 %	
Absolute Eosinophils	156.8	20.0 - 500.0 /cmm	Calculated
Basophils	0.0	0.1 - 2.0 %	
Absolute Basophils	0.0	20.0 - 100.0 /cmm	Calculated

PLATELET PARAMETERS



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CBC (Complete Blood Count), Blood

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Platelet Count	278000	150000 - 410000 /cmm	Elect. Impedance
MPV	9.1	6.0 - 11.0 fL	Measured
PDW	14.0	11.0 - 18.0 %	Calculated

RBC MORPHOLOGY

Hypochromia	--
Microcytosis	--
Macrocytosis	--
Anisocytosis	--
Poikilocytosis	--
Polychromasia	--
Target Cells	--
Others	Normocytic normochromic

Specimen: EDTA whole blood



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Aerocami Healthcare Below 40 Male/Female
ERYTHROCYTE SEDIMENTATION RATE (ESR)

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
ESR, EDTA WB	22.00	2.00 - 20.00 mm/hr	Sedimentation

Clinical Significance: The erythrocyte sedimentation rate (ESR), also called a sedimentation rate is the rate red blood cells sediment in a period of time.

Interpretation:

Factors that increase ESR: Old age, Pregnancy, Anemia
 Factors that decrease ESR: Extreme leukocytosis, Polycythemia, Red cell abnormalities- Sickle cell disease

Limitations:

- It is a non-specific measure of inflammation.
- The use of the ESR as a screening test in asymptomatic persons is limited by its low sensitivity and specificity.

Reflex Test: C-Reactive Protein (CRP) is the recommended test in acute inflammatory conditions.

Reference:

- Pack Insert
- Brigden ML. Clinical utility of the erythrocyte sedimentation rate. American family physician. 1999 Oct 1;60(5):1443-50.





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Aerfocami Healthcare Below 40 Male/Female

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGES</u>	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma Fasting	90.30	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase

Note : ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition

GLUCOSE (SUGAR) PP, Fluoride Plasma PP	134.00	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
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Note : ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition

CREATININE, Serum	0.58	0.51 - 0.95 mg/dL	Enzymatic
eGFR, Serum	124.34	(ml/min/1.73sqm) Normal or High: Above 90 Mild decrease: 60-89 Mild to moderate decrease: 45-59 Moderate to severe decrease:30-44 Severe decrease: 15-29 Kidney failure:<15	Calculated

Note: eGFR estimation is calculated using 2021 CKD-EPI GFR equation



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<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.28	0.10 - 1.20 mg/dL	Colorimetric
BILIRUBIN (DIRECT), Serum	0.14	<0.30 mg/dL	Diazo
BILIRUBIN (INDIRECT), Serum	0.14	0.10 - 1.00 mg/dL	Calculated
TOTAL PROTEINS, Serum	7.56	6.40 - 8.30 g/dL	Biuret
Albumin Serum	4.51	3.50 - 5.20 g/dL	BCG
GLOBULIN Serum	3.05	2.30 - 3.50 g/dL	Calculated
A/G RATIO Serum	1.48	1.00 - 2.00	Calculated
SGOT (AST), Serum	41.20	5.00 - 32.00 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	42.40	5.00 - 33.00 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	24.80	3.00 - 40.00 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	126.00	35.00 - 105.00 U/L	Colorimetric
BLOOD UREA, Serum	12.40	12.80 - 42.80 mg/dL	Urease GLDH
BUN, Serum	5.79	6.00 - 20.00 mg/dL	Calculated
URIC ACID, Serum	3.24	2.40 - 5.70 mg/dL	Enzymatic



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GLYCOSYLATED HEMOGLOBIN (HbA1c)

PARAMETER	RESULTS	BIOLOGICAL REF RANGES	METHOD
Glycosylated Hemoglobin (HbA1c), EDTA WB	6.1	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB	128.4	mg/dL	Calculated

Intended use:

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

Clinical Significance:

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.



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FUS and KETONES

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGES</u>	<u>METHOD</u>
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	



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Aerfocami Healthcare Below 40 Male/Female
Glucose & Ketones, Urine

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGES</u>	<u>METHOD</u>
Urine Sugar (PP)		..Sample Not Received	



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LIPID PROFILE

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGES</u>	<u>METHOD</u>
CHOLESTEROL, Serum	191	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	85	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>=500 mg/dl	GPO-POD
HDL CHOLESTEROL Serum	49	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	142	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >=190 mg/dl	Calculated
LDL CHOLESTEROL Serum	125	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >= 190 mg/dl	Calculated
VLDL CHOLESTEROL Serum	17	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3	0-3.5 Ratio	Calculated

Reference:

- 1) Executive Summary of the Third Report of the National Cholesterol Education Program (NCEP) Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults (Adult Treatment Panel III).
- 2) Pack Insert.



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Aerocami Healthcare Below 40 Male/Female

THYROID FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGES	METHOD
Free T3, Serum	5.72	3.50 - 6.50 pmol/L	ECLIA
Free T4 Serum	13.80	11.5-22.7 pmol/L First Trimester:9.0-24.7 Second Trimester:6.4-20.59 Third Trimester:6.4-20.59	ECLIA
sensitiveTSH Serum	2.65	0.35-5.5 microIU/ml First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0	ECLIA

Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

Clinical Significance:

1. TSH Values between high abnormal upto 15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors can give falsely high TSH.
2. TSH values may be transiently altered because of non thyroidal illness like severe infections, liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone recovery phase of nonthyroidal illness, TSH Resistance
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, anti thyroid drugs, tyrosine kinase inhibitors & amiodarone amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for hyperthyroidism, drugs like steroids & dopamine, Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.



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THYROID FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGES	METHOD
High High High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.		

Diurnal Variation: TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am , and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7% (with in subject variation)

Reflex Tests: Anti thyroid Antibodies, USG Thyroid ,TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations:

1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours following the last biotin administration.
2. Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results.this assay is designed to minimize interference from heterophilic antibodies.

Reference:

1. O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
2. Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357
3. Tietz ,Text Book of Clinical Chemistry and Molecular Biology -5th Edition
4. Biological Variation:From principles to Practice-Callum G Fraser (AACC Press)



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Aerfocami Healthcare Below 40 Male/Female
EXAMINATION OF FAECES

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>PHYSICAL EXAMINATION</u>			
EXAMINATION OF FAECES	.Sample Not Received		
<u>CHEMICAL EXAMINATION</u>			
<u>MICROSCOPIC EXAMINATION</u>			



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Aerocami Healthcare Below 40 Male/Female
BLOOD GROUPING & Rh TYPING

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	A
Rh Typing	Positive

NOTE: Test performed by Semi-automated column agglutination technology (CAT).

Specimen: EDTA Whole Blood and/or serum

Clinical significance:

ABO system is most important of all blood group in transfusion medicine

Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

References:

1. Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company, Philadelphia





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URINE EXAMINATION REPORT

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>PHYSICAL EXAMINATION</u>			
Color	Yellow	Pale Yellow	-
Transparency	Clear	Clear	-
<u>CHEMICAL EXAMINATION</u>			
Specific Gravity	1.015	1.002-1.035	Chemical Indicator
Reaction (pH)	6.0	5-8	Chemical Indicator
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Negative	Griess Test
<u>MICROSCOPIC EXAMINATION</u>			
(WBC) Pus cells / hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	1-2	0-5/hpf	
Hyaline Casts	Absent	Absent	
Pathological cast	Absent	Absent	
Calcium oxalate monohydrate crystals	Absent	Absent	
Calcium oxalate dihydrate crystals	Absent	Absent	
Triple Phosphate crystals	Absent	Absent	
Uric acid crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	4-5	0-20/hpf	
<u>OTHERS</u>			
	Leucocyte esterase : Absent		

Name: Nilam Mohite

Sex / Age: 304/F

CID: 393834951

Date: 8/3/25

EYE EXAMINATION

VISION

Distance Vision Without Glasses	Right Eye	Left Eye
Distance Vision With Glasses	Right Eye 6/6	Left Eye 6/6
Near Vision Without Glasses	Right Eye 7/6	Left Eye 7/6
Near Vision With Glasses	Right Eye	Left Eye

GENERAL EXAMINATION:

LIDS
CORNEA
CONJUNCTIVAE
EYE MOVEMENTS
COLOUR VISION

10

DR I.U.BAMB

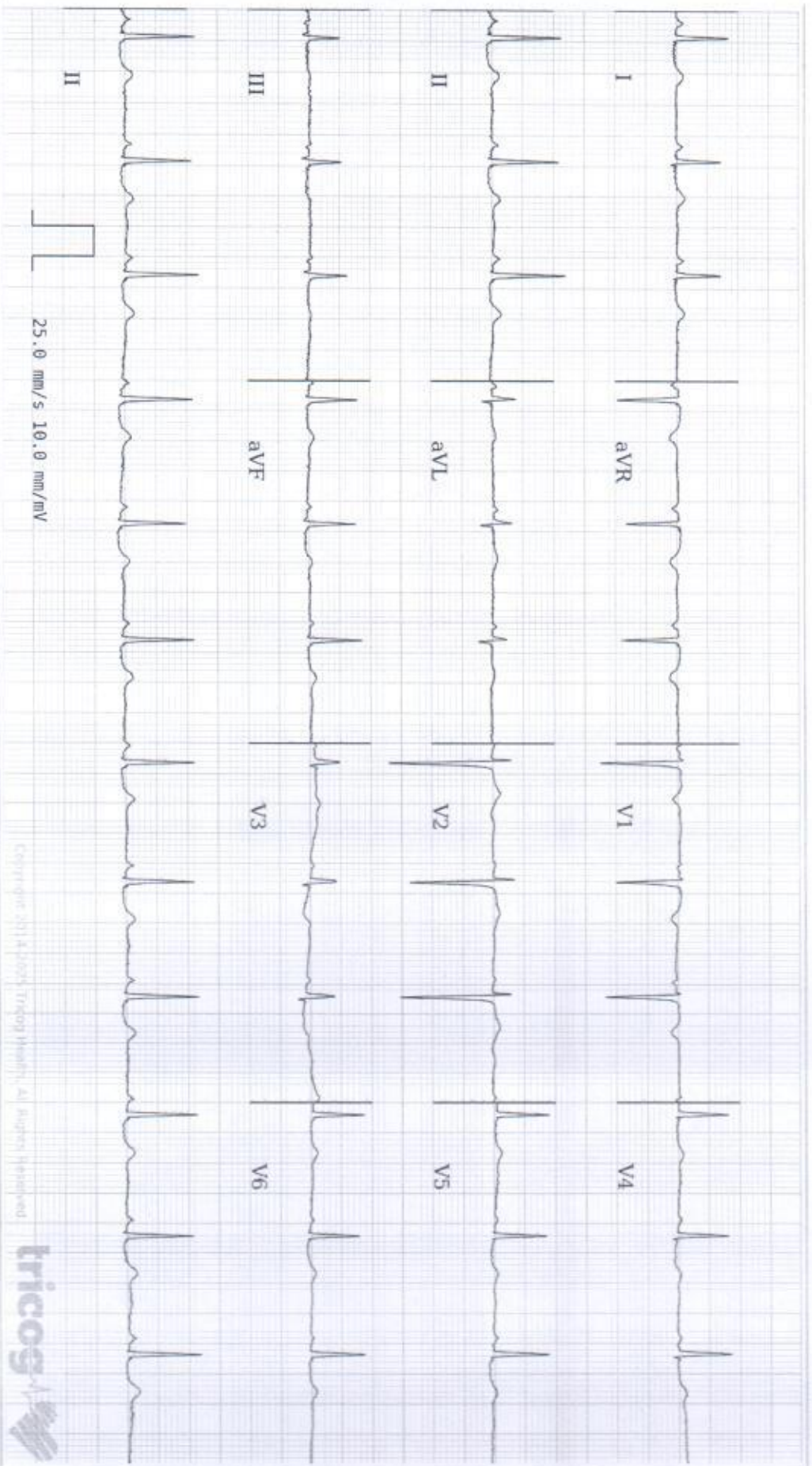
M.B.B.S MD (Medicine)

Reg No 39452

Patient Name: NILAM MOHITE
Patient ID: 393834951

SUBURBAN DIAGNOSTICS - SWARGATE, PUNE

Date and Time: 8th Mar 25 11:18 AM



ECG Within Normal Limits: Sinus Rhythm Within Normal Limit. Please correlate clinically.

Age **30** 2 7
years months days

Gender **Female**

Heart Rate **75bpm**

Patient Vitals

BP: 104/78 mmHg

Weight: 56 kg

Height: 150 cm

Pulse: NA

SpO2: NA

Resp: NA

Others:

Measurements

QRSd: 72ms

QT: 360ms

QTcB: 402ms

PR: 110ms

P-R-T: 28° 52° 39°

REPORTED BY

W. S.

DR. ISHWARLAL BAMB
M.B.B.S MD (MEDICINE)

Cardiologist
39452

SUBURBAN DIAGNOSTICS PVT. LTD. Dr. I. U. BAMB

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Near Panchami Hotel,
Shahu College Road, Pune-411 009.

Reg. No. 39452

CID : 393834951
Name : Ms. Nilam Mohite
Age / Sex : 30 Years/Female
Ref. Dr : self
Reg. Date : 08-Mar-2025
Reg. Location : Swargate, Pune Main Centre
Reported : 08-Mar-2025 / 11:49

ULTRASOUND ABDOMEN & PELVIS

LIVER: Size, shape and echopattern are normal. No focal lesions noted. No IHBR dilatation. Hepatic veins appear normal. Portal vein and common bile duct show normal caliber.

GALL BLADDER : Partially distended. **3.1 mm echogenic focus seen within.** No evidence of any pericholecystic collection.

PANCREAS : Normal in size and echotexture. Pancreatic duct is normal.

SPLEEN : Normal in size and echopattern. No focal lesion. Splenic vein is normal.

RIGHT KIDNEY : Measures 9.6 x 3.4 cm. Normal in size and echogenicity. No calculus or hydronephrosis. Corticomedullary differentiation is maintained.

LEFT KIDNEY : Measures 9.3 x 4.5 cm. Normal in size and echogenicity. No calculus or hydronephrosis. Corticomedullary differentiation is maintained.

Retroperitonium and flanks obscured due to bowel gas.

Prominent bowel loops seen in the abdomen.

Paraaortic and paracaval region appears to be normal.

No evidence of lymphnodes noted.

No free fluid in abdomen.

URINARY BLADDER : Well distended. No calculi. Wall thickness is normal.

UTERUS : Anteverted normal in size, measures 6.6 x 3.6 x 3.4 cm. No area of increased or decreased echogenicity. Endometrial echoes are normal. Endometrial thickness is 4.1 mm.

Both the ovaries are normal in size shape and echotexture.

No obvious abnormal ovarian or adnexal mass lesion.

No free fluid noted in the POD.

IMPRESSION : Small echogenic focus in gall bladder to represent polyp/ sludge.

Clinical correlation is indicated.-----End of Report-----

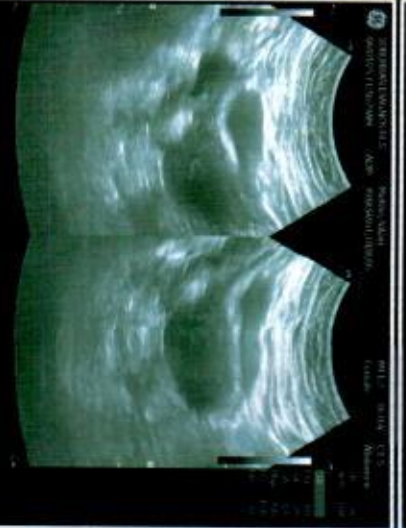
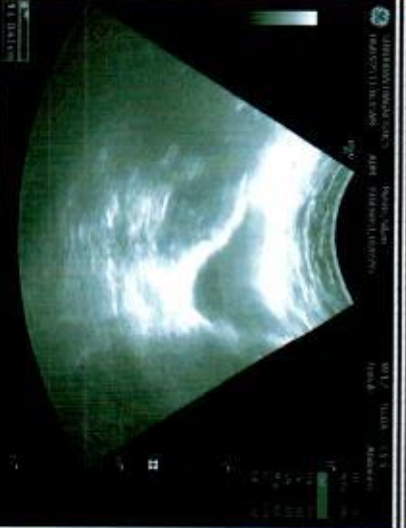
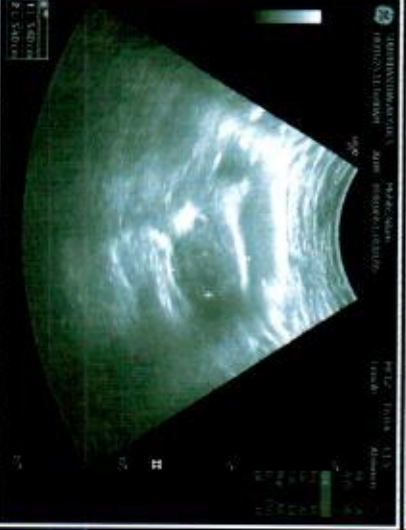
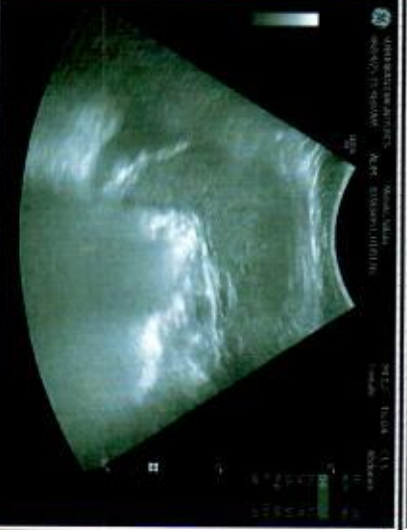


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REG. NO. 2001/02/397

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SUBURBAN DIAGNOSTICS



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GOVERNMENT OF INDIA

नीलम सुहास मोरे
Nilam Suhas More

जन्म वर्ष / Year of Birth : 1994
स्त्री / Female

3597 8121 9142

आधार - सामान्य माणसाचा अधिकार

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Tel: 020 - 41094509

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Age / Sex : 30 Years/Female
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Reg. Location : Swargate, Pune Main Centre
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X-RAY CHEST PA VIEW

The lung fields are clear with no parenchymal lesion.

The cardiothoracic ratio is maintained and the cardiac outline is normal.

The domes of the diaphragm are normal.

The cardio and costophrenic angles are clear.

Bony thorax is normal.

IMPRESSION: Essentially normal X-ray of the chest.

Clinical correlation is indicated.

-----End of Report-----



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