

भारत सरकार Government of India



Shubhangee Gajanan Burde DOB 30/08/1993 Female





5764 9716 2514 मेरा आधार, मेरी पहचान

Suburban Hearn cherkup



### PHYSICAL EXAMINATION REPORT

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Female /4045. Mrs Shubhangi Burde Sex/Age Patient Name KASARVADAVALI Location 26.10.24 Date

**History and Complaints** 

Mil

**EXAMINATION FINDINGS:** 

159 m Hopna Temp (0c): Height 80 kg HOPMA Skin: Weight Leoknor 110/80 Nails: **Blood Pressure** Lymph 786 herry Pulse Node:

terente

Systems:

NORMAL Cardiovascular: Aukner Respiratory: Morna Genitourinary: LURUM GI System:

CNS:

Impression:

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### ADVICE:

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CHIE	CF COMPLAINTS:	DR. ANAND N. MOTWAN
1)	Hypertension:	M.D. (GENERAL MEDICINE
2)	IHD	Reg. No. 39329 (M.M.C)
3)	Arrhythmia	Disgnosila
4)	Diabetes Mellitus	Thans (W)
5)	Tuberculosis	
6)	Asthma	
7)	Pulmonary Disease	
8)	Thyroid/ Endocrine disorders	1991
9)	Nervous disorders	
10)	GI system	
11)	Genital urinary disorder	
12)	Rheumatic joint diseases or symptom	
13)	Blood disease or disorder	
14)	Cancer/lump growth/cyst	
15)	Congenital disease	
16)	Surgeries	C-Section 843 bela
PER	RSONAL HISTORY:	
1)	Alcohol	160
2)	Smoking	No
3)	Diet	Hon Neg.
4)	Medication	NI



Name: Mrs. Shubhangi Burde Sex/Age: AGE Hoys

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### EYE CHECK UP

Mi Chief Complaints:

Date: 26-10.24

Mil Systemic Diseases:

Mil Past History:

R1-616, NG L4-616- NG Unaided Vision:

Aided Vision:

Refraction:

Homal. Colour Vision:

Remarks:

## SUBURBAN STICS

Patient Name: Patient ID:

2430021414

# SUBURBAN DIAGNOSTICS - THANE KASARAVADAVALI

SHUBHANGEE GAJANAN BURDE

Date and Time: 26th Oct 24 12:49 PM

E 25.0 mm/s 10.0 mm/mV aVF aVL √3 2 V4 VB 5 QTcB P-R-T Others

Age 40 NA NA years months days

### Gender Female

Heart Rate 80bpm

Patient Vitals

BP: 110/80 mmHg

Weight: 80 kg

Height: 159 cm

Pulse: NA

Spo2: NA

Resp: NA

Measurements

QRSD: 74ms QT: 400ms QTcB: 461ms

172ms 46° 38° 76°

Sinus Rhythm T wave changes in Anterior and Lateral wall leads S/O Ischemia Kindly correlate clinically. Please correlate clinically.

REPORTED BY

Aumser

Dr.Anand N Motwani M.D (General Medicine) Reg No 39329 M.M.C



CID

: 2430021414

Name

: Mrs Shubhangee Gajanan Burde

Age / Sex

: 40 Years/Female

Ref. Dr

Reg. Location

: Thane Kasarvadavali Main Centre

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: 26-Oct-2024 / 10:52

### USG ABDOMEN AND PELVIS

LIVER: Liver appears normal in size and echotexture. There is no intra-hepatic biliary radical dilatation. No evidence of any focal lesion.

GALL BLADDER: Gall bladder is distended and appears normal. Wall thickness is within normal limits. There is no evidence of any calculus.

PORTAL VEIN: Portal vein is normal. CBD:CBD is normal.

PANCREAS: Visualised pancreas appears normal in echotexture. There is no evidence of any focal lesion or calcification. Pancreatic duct is not dilated.

KIDNEYS: Right kidney measures 9.5 x 3.8 cm. Left kidney measures 9.6 x 4.9 cm. Both kidneys are normal in size, shape and echotexture. Corticomedullary differentiation is maintained. There is no evidence of any hydronephrosis, hydroureter or calculus.

SPLEEN: Spleen is normal in size, shape and echotexture. No focal lesion is seen.

URINARY BLADDER: Urinary bladder is distended and normal. Wall thickness is within normal limits.

UTERUS: Uterus is anteverted and measures 7.5 x 3.7 x 3.7 cm. Uterine myometrium shows homogenous echotexture. Endometrial echo is in midline and measures 6.6 mm. Cervix appears normal.

OVARIES: Both ovaries are normal.

The right ovary measures 2.3 x 1.8 cm. The left ovary measures 2.4 x 2.0 cm.

No free fluid or significant lymphadenopathy is seen.

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### IMPRESSION:

### NO SIGNIFICANT ABNORMALITY IS DETECTED.

Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. USG is known to have inter-observer variations. Further/follow-up imaging may be needed in some cases for confirmation / exclusion of diagnosis.

-End of Report-

G. R. Fale Dr. GAURAV FARTADE MBBS, DMRE Reg No -2014/04/1786 Consultant Radiologist

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### X-RAY CHEST PA VIEW

Both lung fields are clear.

Both costo-phrenic angles are clear.

The cardiac size and shape are within normal limits.

The domes of diaphragm are normal in position and outlines.

The skeleton under review appears normal.

### **IMPRESSION:**

NO SIGNIFICANT ABNORMALITY IS DETECTED.

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

G. R. F-le Dr.GAURAV FARTADE

MBBS, DMRE

Reg No -2014/04/1786 Consultant Radiologist

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Age / Gender : 40 Years / Female

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### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

<u></u>			_
CBC (Complete Blood Count), Blood			
<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	11.2	12.0-15.0 g/dL	Spectrophotometric
RBC	4.57	3.8-4.8 mil/cmm	Elect. Impedance
PCV	34.7	36-46 %	Measured
MCV	76.0	80-100 fl	Calculated
MCH	24.5	27-32 pg	Calculated
MCHC	32.2	31.5-34.5 g/dL	Calculated
RDW	15.0	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	9840	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND A	BSOLUTE COUNTS		
Lymphocytes	25.6	20-40 %	
Absolute Lymphocytes	2519.0	1000-3000 /cmm	Calculated
Monocytes	7.1	2-10 %	
Absolute Monocytes	698.6	200-1000 /cmm	Calculated
Neutrophils	64.1	40-80 %	
Absolute Neutrophils	6307.4	2000-7000 /cmm	Calculated
Eosinophils	2.8	1-6 %	
Absolute Eosinophils	275.5	20-500 /cmm	Calculated

WBC Differential Count by Absorbance & Impedance method/Microscopy.

0.4

39.4

### **PLATELET PARAMETERS**

Platelet Count	437000	150000-400000 /cmm	Elect. Impedance
MPV	7.1	6-11 fl	Calculated
PDW	9.1	11-18 %	Calculated

0.1-2 %

20-100 /cmm

### **RBC MORPHOLOGY**

Basophils

Absolute Basophils

Immature Leukocytes

Hypochromia	Mild
Microcytosis	Mild

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Macrocytosis -

Anisocytosis -

Poikilocytosis -

Polychromasia -

Target Cells -

Basophilic Stippling -

Normoblasts -

Others -

WBC MORPHOLOGY -

PLATELET MORPHOLOGY -

COMMENT -

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 24 2-20 mm at 1 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.

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
\*\*\* End Of Report \*\*\*

Dr.KETAKI MHASKAR M.D. (PATH) Pathologist

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### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma Fasting	88.1	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP	112.9	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.51	0.3-1.2 mg/dl	Vanadate oxidation
BILIRUBIN (DIRECT), Serum	0.15	0-0.3 mg/dl	Vanadate oxidation
BILIRUBIN (INDIRECT), Serum	0.36	<1.2 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.0	5.7-8.2 g/dL	Biuret
ALBUMIN, Serum	4.4	3.2-4.8 g/dL	BCG
GLOBULIN, Serum	2.6	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.7	1 - 2	Calculated
SGOT (AST), Serum	16.3	<34 U/L	Modified IFCC
SGPT (ALT), Serum	11.6	10-49 U/L	Modified IFCC
GAMMA GT, Serum	15.9	<38 U/L	Modified IFCC
ALKALINE PHOSPHATASE, Serum	89.5	46-116 U/L	Modified IFCC
BLOOD UREA, Serum	19.6	19.29-49.28 mg/dl	Calculated
BUN, Serum	9.2	9.0-23.0 mg/dl	Urease with GLDH
CREATININE, Serum	0.61	0.55-1.02 mg/dl	Enzymatic



eGFR, Serum

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(ml/min/1.73sqm)

Normal or High: Above 90 Mild decrease: 60-89

Mild to moderate decrease: 45-

Moderate to severe decrease:30

-44

Severe decrease: 15-29 Kidney failure:<15

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

URIC ACID, Serum 5.4 3.1-7.8 mg/dl

Uricase/ Peroxidase

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West \*\*\* End Of Report \*\*\*

> Dr.IMRAN MUJAWAR M.D (Path) **Pathologist**



Name : MRS.SHUBHANGEE GAJANAN BURDE

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### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE **GLYCOSYLATED HEMOGLOBIN (HbA1c)**

### **BIOLOGICAL REF RANGE PARAMETER RESULTS** METHOD

Glycosylated Hemoglobin (HbA1c), EDTA WB - CC

5.9 Non-Diabetic Level: < 5.7 %

Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %

Estimated Average Glucose (eAG), EDTA WB - CC

122.6

mg/dl

Calculated

**HPLC** 

### 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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> Dr.IMRAN MUJAWAR M.D (Path)

**Pathologist** 

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: 40 Years / Female Age / Gender

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### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE **URINE EXAMINATION REPORT**

<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Transparency	Clear	Clear	-
<b>CHEMICAL EXAMINATION</b>			
Specific Gravity	1.015	1.010-1.030	Chemical Indicator
Reaction (pH)	Acidic (5.0)	4.5 - 8.0	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	Absent	Griess Test
MICROSCOPIC EXAMINATION			
(WBC)Pus cells / hpf	3-4	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	6-8	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	10-12	0-20/hpf	
Yeast	Absent	Absent	
Others	-		



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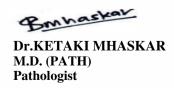
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### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE BLOOD GROUPING & Rh TYPING

PARAMETER RESULTS

ABO GROUP 0

Rh TYPING Positive

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

Note: This Sample has also been tested for Bombay group/Bombay phenotype /Oh using anti H lectin

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.

### Refernces:

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

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
\*\*\* End Of Report \*\*\*

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### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE LIPID PROFILE

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	212.8	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	163	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic colorimetric
HDL CHOLESTEROL, Serum	41.1	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Elimination/ Catalase
NON HDL CHOLESTEROL, Serum	171.7	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	139.1	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	32.6	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.2	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3.4	0-3.5 Ratio	Calculated

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab  $^{***}$  End Of Report  $^{***}$ 



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### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
Free T3, Serum	4.4	3.5-6.5 pmol/L	CLIA
Free T4, Serum	15.7	11.5-22.7 pmol/L	CLIA
sensitiveTSH, Serum	3.741	0.55-4.78 microU/ml	CLIA



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### 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 upto15 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 trasiently altered becuase 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 non-thyroidal 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.
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)

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab
\*\*\* End Of Report \*\*\*





Dr.ANUPA DIXIT M.D.(PATH) Consultant - Pathologist

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### AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD

Urine Sugar (Fasting)AbsentAbsentUrine Ketones (Fasting)AbsentAbsent

Urine Sugar (PP)AbsentAbsentUrine Ketones (PP)AbsentAbsent

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West
\*\*\* End Of Report \*\*\*

Dr.IMRAN MUJAWAR M.D ( Path ) Pathologist