| Name | : Mrs. SHANTILATA SWAIN | |
|-----------|-------------------------|---------------------------------------|
| PID No. | : MED121669930 | Register On : 09/11/2024 8:43 AM |
| SID No. | : 522416018 | Collection On : 09/11/2024 10:29 AM |
| Age / Sex | : 46 Year(s) / Female | Report On : 11/11/2024 1:13 PM |
| Туре | : OP | Printed On : 11/11/2024 5:02 PM |
| Ref. Dr | : MediWheel | |

| Investigation | <u>Observed</u> <u>Value</u> | <u>Unit</u> | <u>Biological</u> <u>Reference Interval</u> |
|--|---------------------------------|-------------|--|
| Complete Blood Count With - ESR | | | |
| Haemoglobin (EDTA Blood/SLS Hemoglobin method) | 4.8 | g/dL | 12.5 - 16.0 |
| Remark: Smear verified | | | |
| Packed Cell Volume(PCV)/Haematocrit (EDTA Blood/ <i>RBC pulse height detection</i> <i>method</i>) | 17.1 | % | 37 - 47 |
| RBC Count (EDTA Blood/Impedance/Coulter Principle) | 2.62 | mill/cu.mm | 4.2 - 5.4 |
| Mean Corpuscular Volume(MCV) (EDTA Blood/ <i>Calculated</i>) | 65.1 | fL | 78 - 100 |
| Mean Corpuscular Haemoglobin(MCH) (EDTA Blood/ <i>Calculated</i>) | 18.3 | pg | 27 - 32 |
| Mean Corpuscular Haemoglobin concentration(MCHC) (EDTA Blood/ <i>Calculated</i>) | 28.2 | g/dL | 32 - 36 |
| RDW-CV | 21.8 | % | 11.5 - 16.0 |
| (Calculated) | | | |
| RDW-SD (Calculated) | 49.67 | fL | 39 - 46 |
| Total Leukocyte Count (TC) (EDTA Blood/ <i>Impedance/Coulter Principle</i>) | 4700 | cells/cu.mm | 4000 - 11000 |
| Neutrophils (Blood/ <i>Flow cytometry</i>) | 66.2 | % | 40 - 75 |
| Lymphocytes (Blood/ <i>Flow cytometry</i>) | 26.0 | % | 20 - 45 |
| Eosinophils (Blood/Flow cytometry) | 1.4 | % | 01 - 06 |
| Monocytes (Blood/Flow cytometry) | 5.7 | % | 01 - 10 |







APPROVED BY

The results pertain to sample tested.

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| Investigation | <u>Observed</u> <u>Value</u> | <u>Unit</u> | Biological Reference Interval |
|---|---------------------------------|--------------------------|--|
| Basophils (Blood/Flow cytometry) | 0.7 | % | 00 - 02 |
| INTERPRETATION: Tests done on Automated | Five Part cell count | er. All abnormal results | are reviewed and confirmed microscopically. |
| Absolute Neutrophil count (EDTA Blood/ <i>Calculated</i>) | 3.11 | 10^3 / µl | 1.5 - 6.6 |
| Absolute Lymphocyte Count (EDTA Blood/Calculated) | 1.22 | 10^3 / µl | 1.5 - 3.5 |
| Absolute Eosinophil Count (AEC) (EDTA Blood/ <i>Calculated</i>) | 0.07 | 10^3 / µl | 0.04 - 0.44 |
| Absolute Monocyte Count (EDTA Blood/ <i>Calculated</i>) | 0.27 | 10^3 / µl | < 1.0 |
| Absolute Basophil count (EDTA Blood/ <i>Calculated</i>) | 0.03 | 10^3 / µl | < 0.2 |
| Platelet Count (EDTA Blood/Impedance/Coulter Principle) | 204 | 10^3 / µl | 150 - 450 |
| MPV (Blood/ <i>Calculated</i>) | 8.3 | fL | 8.0 - 13.3 |
| PCT (Calculated) | 0.17 | % | 0.18 - 0.28 |
| ESR (Erythrocyte Sedimentation Rate) (Citrated Blood/Capillary Photometry Technology) | 5 | mm/hr | < 20 |
| Glucose Fasting (FBS) (Plasma - F/ <i>Hexokinase</i>) | 99.84 | mg/dL | Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126 |

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

| Glucose, Fasting (Urine) (Urine - F/ <i>Hexokinase</i>) | Negative | | Negative |
|--|----------|-------|----------|
| Glucose Postprandial (PPBS) (Plasma - PP/ <i>Hexokinase</i>) | 104.49 | mg/dL | 70 - 140 |



The results pertain to sample tested.

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| | : Mrs. SHANTILATA SWAIN | | | |
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| Туре | : OP | Printed On : | 11/11/2024 5:02 PM | |
| Ref. Dr | : MediWheel | | | |
| Investig | | <u>Observed</u> <u>Value</u> | <u>Unit</u> | Biological Reference Interval |
| Factors s Fasting b | lood glucose level may be higher that | an Postprandial glucose | , because of physiological | and drugs can influence blood glucose level. surge in Postprandial Insulin secretion, Insulin cation during treatment for Diabetes. |
| Urine G | flucose(PP-2 hours) PP/ <i>Hexokinase</i>) | Negative | | Negative |
| | Jrea Nitrogen (BUN) Jrease UV/derived) | 4.8 | mg/dL | 7.0 - 21 |
| Creatini (Serum/M | ne lodified Jaffe) | 0.46 | mg/dL | 0.6 - 1.1 |
| INTERP ingestion | RETATION: Elevated Creatinine v of cooked meat, consuming Protein | / Creatine supplements, | Diabetic Ketoacidosis, pr | severe dehydration, Pre-eclampsia, increased colonged fasting, renal dysfunction and drugs le , chemotherapeutic agent such as flucytosine |
| Uric Ac (Serum/E | id nzymatic) | 4.14 | mg/dL | 2.6 - 6.0 |
| <u>Liver F</u> | unction Test | | | |
| | n(Total) CA with ATCS) | 1.94 | mg/dL | 0.1 - 1.2 |
| | n(Direct) biazotized Sulfanilic Acid) | 0.62 | mg/dL | 0.0 - 0.3 |
| Bilirubi (Serum/D | n(Indirect) perived) | 1.32 | mg/dL | 0.1 - 1.0 |
| Aminot | AST (Aspartate ransferase) <i>Iodified IFCC)</i> | 16.60 | U/L | 5 - 40 |
| | ALT (Alanine Aminotransferase Modified IFCC) | e) 15.98 | U/L | 5 - 41 |
| | amma Glutamyl Transpeptidas FCC / Kinetic) | e) 16.40 | U/L | < 38 |
| | e Phosphatase (SAP) <i>Modified IFCC</i>) | 61.7 | U/L | 42 - 98 |
| | | (and the second | | 11 |
| M. | Lab Supervisor VERIFIED BY | NC-2425 | | Dr Sanudrala Bharathi MD Pathology Laft Director Director |

The results pertain to sample tested.

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| Investigation | <u>Observed</u> <u>Value</u> | <u>Unit</u> | Biological Reference Interval |
|---|---------------------------------|-------------|---|
| Total Protein (Serum/ <i>Biuret</i>) | 7.71 | gm/dl | 6.0 - 8.0 |
| Albumin (Serum/Bromocresol green) | 4.66 | gm/dl | 3.5 - 5.2 |
| Globulin (Serum/Derived) | 3.05 | gm/dL | 2.3 - 3.6 |
| A : G RATIO (Serum/Derived) | 1.53 | | 1.1 - 2.2 |
| <u>Lipid Profile</u> | | | |
| Cholesterol Total (Serum/CHOD-PAP with ATCS) | 109.98 | mg/dL | Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240 |
| Triglycerides (Serum/GPO-PAP with ATCS) | 98.92 | mg/dL | Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500 |

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the "usual" circulating level of triglycerides during most part of the day.

| HDL Cholesterol (Serum/Immunoinhibition) | 38.59 | mg/dL | Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50 |
|--|--------|-------|---|
| LDL Cholesterol (Serum/ <i>Calculated</i>) | 51.6 | mg/dL | Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190 |
| M. Maria Lawrence Raj Lab Supervisor VERIFIED BY | NC AND | | Dr Samudrala Bharathi Dr Samudrala Bharathi Dirochur Lob Dirochur FUC, Val 12002 |

The results pertain to sample tested.

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| Investigation | <u>Observed</u> <u>Value</u> | <u>Unit</u> | Biological Reference Interval |
|---|---------------------------------|-------------|--|
| VLDL Cholesterol (Serum/ <i>Calculated</i>) | 19.8 | mg/dL | < 30 |
| Non HDL Cholesterol (Serum/ <i>Calculated</i>) | 71.4 | mg/dL | Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220 |

INTERPRETATION: 1.Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

| Total Cholesterol/HDL Cholesterol Ratio (Serum/ <i>Calculated</i>) | 2.8 | | Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0 |
|---|-----|---|--|
| Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/ <i>Calculated</i>) | 2.6 | | Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0 |
| LDL/HDL Cholesterol Ratio (Serum/Calculated) | 1.3 | | Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0 |
| <u>Glycosylated Haemoglobin (HbA1c)</u> | | | |
| HbA1C (Whole Blood/ <i>HPLC</i>) | 4.5 | % | Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 |

INTERPRETATION: If Diabetes - Good control : 6.1 - 7.0 %, Fair control : 7.1 - 8.0 %, Poor control >= 8.1 %Estimated Average Glucose82.45mg/dL

(Whole Blood)







Diabetic: ≥ 6.5

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The results pertain to sample tested.

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| Туре | : OP | Printed On : 1 | 1/11/2024 5:02 PM | I |
| Ref. Dr | : MediWheel | | | |
| Investig | ation | <u>Observed</u> <u>Value</u> | <u>Unit</u> | Biological Reference Interval |
| control as Condition hypertrig Condition ingestion | s compared to blood and urinary g ns that prolong RBC life span like lyceridemia,hyperbilirubinemia,D | lucose determinations. Iron deficiency anemia, V rugs, Alcohol, Lead Poiso acute or chronic blood loss | /itamin B12 & Folate ning, Asplenia can gi s, hemolytic anemia, l | is a much better indicator of long term glycemic deficiency, ve falsely elevated HbA1C values. Hemoglobinopathies, Splenomegaly,Vitamin E |
| T3 (Trii (Serum/E | odothyronine) - Total <i>CLIA</i>) | 1.01 | ng/ml | 0.7 - 2.04 |
| Commer Total T3 | | dition like pregnancy, drug | gs, nephrosis etc. In s | uch cases, Free T3 is recommended as it is |
| T4 (Tyr (Serum/E | oxine) - Total <i>CLIA)</i> | 9.15 | µg/dl | 4.2 - 12.0 |
| Commer Total T4 | | dition like pregnancy, drug | gs, nephrosis etc. In s | uch cases, Free T4 is recommended as it is |
| TSH (T (Serum/E | hyroid Stimulating Hormone <i>CLIA</i>) |) 4.53 | µIU/mL | 0.35 - 5.50 |
| Reference 1 st trime 2 nd trime 3 rd trime (Indian T Commer 1.TSH re 2.TSH Le be of the | ference range during pregnancy d | tion, reaching peak levels by has influence on the me | between 2-4am and a asured serum TSH co | |
| Reference 1 st trime 2 nd trime 3 rd trime (Indian T Commer 1.TSH re 2.TSH Le be of the 3.Values | e range for cord blood - upto 20 ester: 0.1-2.5 ester 0.2-3.0 ester : 0.3-3.0 Thyroid Society Guidelines) at : ference range during pregnancy d evels are subject to circadian varia order of 50%,hence time of the da &lt0.03 µIU/mL need to be c CAL EXAMINATION (URI | tion, reaching peak levels by has influence on the me linically correlated due to | between 2-4am and a asured serum TSH co | t a minimum between 6-10PM. The variat ncentrations. |



The results pertain to sample tested.

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| Ref. Dr | : MediWheel | | |

| <u>Observed Unit</u> <u>Value</u> | Biological Reference Interval |
|--------------------------------------|---|
| Pale yellow | Yellow to Amber |
| Clear | Clear |
| 25 | |
| | |
| 6 | 4.5 - 8.0 |
| 1.004 | 1.002 - 1.035 |
| Negative | Negative |
| Normal | Normal |
| Negative | Negative |
| Negative | |
| | ValuePale yellowClear2561.004NegativeNormalNegative |

<u>MICROSCOPIC EXAMINATION</u> (URINE COMPLETE)







MD Pathology Lub Director FMC National Dr

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The results pertain to sample tested.

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| D-4 D- | | | |

Ref. Dr : MediWheel

| Investigation | <u>Observed</u> <u>Value</u> | <u>Unit</u> | Biological Reference Interval |
|-----------------------------|---------------------------------|-------------|----------------------------------|
| Pus Cells (Urine) | 0-2 | /hpf | NIL |
| Epithelial Cells (Urine) | 0-2 | /hpf | NIL |
| RBCs (Urine) | NIL | /hpf | NIL |
| Others (Urine) | NIL | | |

INTERPRETATION: Note: Done with Automated Urine Analyser & Automated urine sedimentation analyser. All abnormal reports are reviewed and confirmed microscopically.

| Casts | NIL | /hpf | NIL |
|----------|-----|------|-----|
| (Urine) | | | |
| Crystals | NIL | /hpf | NIL |
| (Urine) | | | |







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The results pertain to sample tested.

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Investigation **Observed** <u>Unit</u> **Biological** <u>Value</u> Reference Interval BLOOD GROUPING AND Rh 'B' 'Negative'

TYPING

(EDTA Blood/Agglutination)

INTERPRETATION: Note: Slide method is screening method. Kindly confirm with Tube method for transfusion.



VERIFIED BY





APPROVED BY

The results pertain to sample tested.

Page 9 of 11

Lab Address: MEDALL HEALTHCARE PRIVATE LIMITED, #17, RACE VIEW COLONY, 2ND STREET, RACE COURSE ROAD, GUINDY, CHENNAI, TAMIL NADU, INDIA,.

| Name | : Mrs. SHANTILATA SWAIN | | |
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| Ref. Dr | : MediWheel | | |

Investigation

BUN / Creatinine Ratio

Observed Value 10.4 Biological Reference Interval 6.0 - 22.0



VERIFIED BY



<u>Unit</u>

Dr mudrala Bharathi MD Pathology Lab Director Director

APPROVED BY

The results pertain to sample tested.

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| Ref. Dr | : MediWheel | | |
| Investig | ation | <u>Observed</u> <u>Unit</u> <u>Value</u> | Biological Reference Interval |
| URINE | <u>ROUTINE</u> | | |
| | | | |
| | | | |

M. Maria Lawrence Raj Lab Supervisor

VERIFIED BY





APPROVED BY

-- End of Report --

The results pertain to sample tested.

Page 11 of 11

| Name | : Mrs. SHANTILATA SWAIN | Register On | : 09/11/2024 8:43 AM |
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| Age / Sex | : 46 Year(s) / Female | Printed On | : 11/11/2024 5:03 PM |
| Ref. Dr | : MediWheel | OP / IP | : OP |







OPTICAL STORE #12 LAKSHMI NILAYA, GROUND FLOOR, 2ND MAIN ROAD, VYALIKAVAL, BENGALURU-560003 PH. 9611444957

Name Shantilata Swain

Ph. 9357862384

Chief Complaints

RE/LE/DOV/Blurring /Burning / Itching / Pricking Redness / Headache

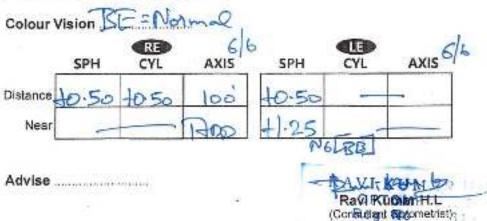
Past History

DM -Ve HTN -Ve

Asthama Others

Visual Acuity

| | RE | | | LE | | |
|-----------------|----|------|-------|----|----|--|
| Distance / Near | 6 | 16 | P | 6 | 6P | |
| With PH | | 0.00 | SCA M | | | |
| With Glasses | | | - | - | - | |



| Patient Name | shanthelatha | Date | 9-11-24 Medal |
|-----------------|--------------|-----------------|------------------|
| Age | 45 4 | Visit Number | experts who care |
| Sex | Female_ | Corporate | mediulcel |

cms

kgs

/minute

mm of Hg

GENERAL PHYSICAL EXAMINATION

Identification Mark :

Height : 4 8

Weight: 60.7

Pulse: 98

Blood Pressure : 130160

BMI :

BMI INTERPRETATION Underweight = <18.5 Normal weight = 18.5-24.9 Overweight = 25-29.9

Chest :

PA: Solt

Expiration : 90cmsInspiration : 94cmsAbdomen Measurement : 86cmsEyes : BL pup!L OEars :Throat : NAPNeck noRS : BL PE ECVS : 7

Ears : Neck nodes : JNAD

NAD

CNS : /

No abnormality is detected. His / Her general physical examination is within normal limits.

NOTE : MEDICAL FIT FOR EMPLOYMENT VES / NO

Dr. RITESH RAJ, MBBS General Physician & Diabetologies KMC Reg. No: 85875 CI UMAX DIAGNOSTICS Signature

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Ichelo Hypothypotolism

Paller (

| Name | MRS.SHANTILATA SWAIN | ID | MED121669930 |
|-----------------|----------------------|------------|--------------|
| Age & Gender | 46Y/FEMALE | Visit Date | 09 Nov 2024 |
| Ref Doctor Name | MediWheel | | |

X-ray mammogram (mediolateral oblique & craniocaudal views) followed by Sonomammography.

BILATERAL MAMMOGRAPHY

Breast composition

Type C (The breasts are heterogeneously dense, which may obscure small masses).

No evidence of focal soft tissue lesion.

No evidence of cluster microcalcification.

Subcutaneous fat deposition is within normal limits.

BILATERAL SONOMAMMOGRAPHY

Few cysts are seen in the periareolar region of left breast, largest measuring 3 x 5mms in the inner circle at 7-8 o' clock position. No evidence of calcifications. Few of these cysts show internal septations.

Few cysts are seen in the periareolar region of right breast, largest measuring 3 x 7 mm in the inner circle of right breast at 8 o' clock position. No evidence of calcifications. Few of these cysts show internal septations.

Few prominent mammary ducts are seen in the bilateral subareolar region, with maximum diameter of 2.3 mm on left and 2.5 mm on right side. No evidence of solid/vascular contents within.

Rest of both the breasts show normal echopattern.

No evidence of focal solid areas.

Few axillary lymph nodes are seen, largest measuring 5 x 13 mm on left side and 6 x 15 mm on right side with preserve fatty hilum.

IMPRESSION:

- Simple & complex cysts in the periareolar regions of bilateral breast as described.
- Bilateral mild mammary ductectasia likely benign
- Bilateral being axillary lymph nodes.

BI-RADS CLASSIFICATION

CATEGORY RESULT

| Name | MRS.SHANTILATA SWAIN | ID | MED121669930 |
|-----------------|----------------------|------------|--------------|
| Age & Gender | 46Y/FEMALE | Visit Date | 09 Nov 2024 |
| Ref Doctor Name | MediWheel | | |

2 Benign finding. Routine mammogram in 1 year recommended.

DR. VANDANA S CONSULTANT RADIOLOGIST Vs/Ry

| Name | MRS.SHANTILATA SWAIN | ID | MED121669930 |
|-----------------|----------------------|------------|--------------|
| Age & Gender | 46Y/FEMALE | Visit Date | 09 Nov 2024 |
| Ref Doctor Name | MediWheel | | |

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in shape, size (15.0cms) **and has increased echogenicity.** No evidence of focal lesion or intrahepatic biliary ductal dilatation. Hepatic and portal vein radicals are normal.

GALL BLADDER shows normal shape and has clear contents. Wall is of normal thickness. CBD is of normal calibre.

PANCREAS has normal shape, size and uniform echopattern. No evidence of ductal dilatation or calcification.

SPLEEN show normal shape, size (11.5cms) and echopattern.

BOTH KIDNEYS

Right kidney: Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

Left kidney: Normal in shape, size and echopattern. Cortico-medullary differentiation is well madeout. No evidence of calculus or hydronephrosis.

The kidney measures as follows:

| - | Bipolar length (cms) | Parenchymal thickness (cms) |
|--------------|----------------------|-----------------------------|
| Right Kidney | 11.0 | 1.7 |
| Left Kidney | 10.1 | 1.8 |

URINARY BLADDER show normal shape and wall thickness. It has clear contents. No evidence of diverticula.

UTERUS is anteverted and has normal shape and bulky in size. It has uniform myometrial echopattern. Endometrial echo is of normal thickness - 7 mm. Uterus measures LS: 7.8cms AP: 4.1 cms TS: 6.3cms.

OVARIES are normal in size, shape and echotexture

Right ovary measures 2.1 x 3.3 cms and shows a dominant follicle measuring 1.7×2.1 cms Left ovary measures 1.5×3.3 cms

POD & adnexa are free. No evidence of ascites.

IMPRESSION:

- Mildly bulky uterus.
- Grade I fatty infiltration of liver.

| Name | MRS.SHANTILATA SWAIN | ID | MED121669930 |
|-----------------|----------------------|------------|--------------|
| Age & Gender | 46Y/FEMALE | Visit Date | 09 Nov 2024 |
| Ref Doctor Name | MediWheel | | |

DR. VANDANA S CONSULTANT RADIOLOGIST Vs/Gk

| Name | Mrs. SHANTILATA SWAIN | Customer ID | MED121669930 |
|--------------|--------------------------|-------------|-------------------|
| Age & Gender | 46Y/F | Visit Date | Nov 9 2024 8:43AM |
| Ref Doctor | MediWheel | | |

X - RAY CHEST PA VIEW

Bilateral lung fields appear normal.

Cardiac size is within normal limits.

Bilateral hilar regions appear normal.

Bilateral domes of diaphragm and costophrenic angles are normal.

Visualised bones and soft tissues appear normal.

Impression:

No significant abnormality detected.

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