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|--|---|
| Patient Name : Ms. SADHAVI SAVITRI BAI FOOLE | Visit No : CHA250035467 |
| Age/Gender : 44 Y O M O D /F | Registration ON : 27/Feb/2025 01:03PM |
| Lab No : 10132763 | Sample Collected ON : 27/Feb/2025 01:11PM |
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| Refer Lab/Hosp : CGHS (BILLING) | Report Generated ON : 27/Feb/2025 03:49PM |
| Doctor Advice : BOTH KNEE AP LAT,USG WHOLE ABDOMEN,USG BREAST,VIT B12,T3T4TSH,25 OH vit. D,URIC ACID,LIPID-PROFILE,KIDNEY FUNCTION TEST - I,LLFT,HBA1C (EDTA),RANDOM,CBC+ESR | |



| Test Name | Result | Unit | Bio. Ref. Range | Method |
|---------------------------------------|--------------|------|-----------------|-------------|
| CBC+ESR (COMPLETE BLOOD COUNT) | | | | |
| Erythrocyte Sedimentation Rate ESR | 18.00 | | 0 - 15 | Westergreen |



[Checked By]

Print.Date/Time: 27-02-2025 17:05:09

*Patient Identity Has Not Been Verified. Not For Medicolegal

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADAB
PATHOLOGIST

Aditi D Agarwal
DR. ADITI D AGARWAL
PATHOLOGIST

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| Test Name | Result | Unit | Bio. Ref. Range | Method |
|----------------------------------|--------|------|-----------------|-------------|
| HBA1C | | | | |
| Glycosylated Hemoglobin (HbA1c) | 5.6 | % | 4 - 5.7 | HPLC (EDTA) |

NOTE:-

Glycosylated Hemoglobin Test (HbA1c) is performed in this laboratory by the Gold Standard Reference method, ie: HPLC Technology (High performance Liquid Chromatography D10) from Bio-Rad Laboratories. USA.

EXPECTED (RESULT) RANGE :

| | |
|-------------|----------------------------------|
| Bio system | Degree of normal |
| 4.0 - 5.7 % | Normal Value (OR) Non Diabetic |
| 5.8 - 6.4 % | Pre Diabetic Stage |
| > 6.5 % | Diabetic (or) Diabetic stage |
| 6.5 - 7.0 % | Well Controlled Diabet |
| 7.1 - 8.0 % | Unsatisfactory Control |
| > 8.0 % | Poor Control and needs treatment |

URIC ACID

Sample Type : SERUM

| | | | | |
|-----------------|------------|-------|-------------|-----------------------|
| SERUM URIC ACID | 5.9 | mg/dL | 2.40 - 5.70 | Uricase, Colorimetric |
|-----------------|------------|-------|-------------|-----------------------|

LIPID-PROFILE

| | | | |
|-----------------------|------|-------|------------|
| Cholesterol/HDL Ratio | 4.56 | Ratio | Calculated |
| LDL / HDL RATIO | 2.63 | Ratio | Calculated |

Desirable / low risk - 0.5 - 3.0
Low/ Moderate risk - 3.0 - 6.0
Elevated / High risk - >6.0
Desirable / low risk - 0.5 - 3.0
Low/ Moderate risk - 3.0 - 6.0
Elevated / High risk - > 6.0



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Sharma

DR. NISHANT SHARMA DR. SHADAB Dr. SYED SAIF AHMAD
PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)

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| Test Name | Result | Unit | Bio. Ref. Range | Method |
|-----------------------|--------|-------|-----------------|--------|
| 25 OH vit. D | | | | |
| 25 Hydroxy Vitamin D | 12.16 | ng/ml | | ECLIA |
| Deficiency < 10 | | | | |
| Insufficiency 10 - 30 | | | | |
| Sufficiency 30 - 100 | | | | |
| Toxicity > 100 | | | | |

DONE BY: ELECTROCHEMILUMINESCENCE IMMUNOASSAY(Cobas e 411,Unicel DxI600,vitros ECI)

| VITAMIN B12 | | | | |
|--------------------|--------------|-------|------------------------|------|
| VITAMIN B12 | 148.0 | pg/mL | | CLIA |
| | | | 180 - 814 Normal | |
| | | | 145 - 180 Intermediate | |
| | | | 145.0 Deficient pg/ml | |

Summary :-

Nutritional & macrocytic anemias can be caused by a deficiency of vitamin B12. This deficiency can result from diets devoid of meat & bacterial products, from alcoholism or from structural / functional damage to digestive or absorptive processes. Malabsorption is the major cause of this deficiency.

CHARAK

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| Test Name | Result | Unit | Bio. Ref. Range | Method |
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| CBC+ESR (COMPLETE BLOOD COUNT) | | | | |
| Hb | 11.8 | g/dl | 12 - 15 | Non Cyanide |
| R.B.C. COUNT | 4.10 | mil/cmm | 3.8 - 4.8 | Electrical Impedence |
| PCV | 37.4 | % | 36 - 45 | Pulse hieght detection |
| MCV | 92.1 | fL | 80 - 96 | calculated |
| MCH | 29.1 | pg | 27 - 33 | Calculated |
| MCHC | 31.6 | g/dL | 30 - 36 | Calculated |
| RDW | 15.1 | % | 11 - 15 | RBC histogram derivation |
| RETIC | 0.6 % | % | 0.5 - 2.5 | Microscopy |
| TOTAL LEUCOCYTES COUNT | 8830 | /cmm | 4000 - 10000 | Flocytometry |
| DIFFERENTIAL LEUCOCYTE COUNT | | | | |
| NEUTROPHIL | 68 | % | 40 - 75 | Flowcytometry |
| LYMPHOCYTE | 24 | % | 20-40 | Flowcytometry |
| EOSINOPHIL | 5 | % | 1 - 6 | Flowcytometry |
| MONOCYTE | 3 | % | 2 - 10 | Flowcytometry |
| BASOPHIL | 0 | % | 00 - 01 | Flowcytometry |
| PLATELET COUNT | 227,000 | /cmm | 150000 - 450000 | Elect Imped.. |
| PLATELET COUNT (MANUAL) | 227000 | /cmm | 150000 - 450000 | Microscopy . |
| Mentzer Index | 22 | | | |
| Peripheral Blood Picture | : | | | |

Red blood cells are normocytic normochromic. Platelets are adequate. No immature cells or parasite seen.



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|--------------------------------|--------|-------|---|----------------------------|
| BLOOD SUGAR RANDOM | | | | |
| BLOOD SUGAR RANDOM | 96.7 | mg/dl | 70 - 170 | Hexokinase |
| LIVER FUNCTION TEST | | | | |
| TOTAL BILIRUBIN | 0.55 | mg/dl | 0.4 - 1.1 | Diazonium Ion |
| CONJUGATED (D. Bilirubin) | 0.14 | mg/dL | 0.00-0.30 | Diazotization |
| UNCONJUGATED (I.D. Bilirubin) | 0.41 | mg/dL | 0.1 - 1.0 | Calculated |
| ALK PHOS | 105.00 | U/L | 30 - 120 | PNPP, AMP Buffer |
| SGPT | 24.7 | U/L | 5 - 40 | UV without P5P |
| SGOT | 21.7 | U/L | 5 - 40 | UV without P5P |
| LIPID-PROFILE | | | | |
| TOTAL CHOLESTEROL | 199.00 | mg/dL | Desirable: <200 mg/dl Borderline-high: 200-239 mg/dl High: >/=240 mg/dl | CHOD-PAP |
| TRIGLYCERIDES | 204.00 | mg/dL | Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high: >/=500 mg/dl | Serum, Enzymatic, endpoint |
| H D L CHOLESTEROL | 43.60 | mg/dL | 30-70 mg/dl | CHER-CHOD-PAP |
| L D L CHOLESTEROL | 114.60 | mg/dL | 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 | CO-PAP |
| VLDL | 40.80 | mg/dL | 10 - 40 | Calculated |



[Checked By]



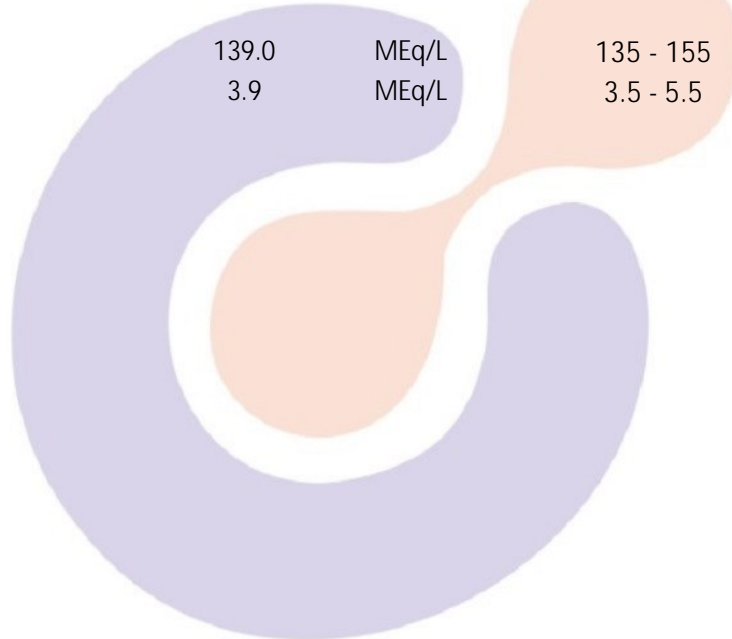
Sham

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| Test Name | Result | Unit | Bio. Ref. Range | Method |
|---------------------------------|--------|-------|-----------------|--------------------------|
| KIDNEY FUNCTION TEST - I | | | | |
| Sample Type : SERUM | | | | |
| BLOOD UREA | 19.30 | mg/dl | 15 - 45 | Urease, UV, Serum |
| CREATININE | 0.60 | mg/dl | 0.50 - 1.40 | Alkaline picrate-kinetic |
| SODIUM Serum | 139.0 | MEq/L | 135 - 155 | ISE Direct |
| POTASSIUM Serum | 3.9 | MEq/L | 3.5 - 5.5 | ISE Direct |



CHARAK



MC-2491

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Sham

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DR. SHADAB PATHOLOGIST
Dr. SYED SAIF AHMAD MD (MICROBIOLOGY)

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| Test Name | Result | Unit | Bio. Ref. Range | Method |
|----------------|-------------|---------|-----------------|--------|
| T3T4TSH | | | | |
| T3 | 1.77 | nmol/L | 1.49-2.96 | ECLIA |
| T4 | 92.30 | n mol/l | 63 - 177 | ECLIA |
| TSH | 6.20 | uIU/ml | 0.47 - 4.52 | ECLIA |

Note

- (1) Patients having low T3 & T4 levels but high TSH levels suffer from primary hypothyroidism,cretinism,juvenile mysedema or autoimmune disorders.
- (2) Patients having low T3 & T4 levels but high TSH levels suffer from grave~s disease, toxic adenoma or sub-acute thyroiditis.
- (3) Patients having either low or normal T3 & T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- (4) Patients having high T3 & T4 levels but normal TSH levels may suffer from toxic multinodular goitre. This condition is mostly asymptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- (5) Patient with high or normal T3 & T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 Toxicosis respectively.
- (6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the cacabolic state and may revert tonormal when the patient recovers.
- (7) There are many drugs for eg.Glucocorticoids ,dopamine,Lithium,iodides ,oral radiographic dyes,ets.Which may affect the thyroid function tests.
- (8) Generally when total T3& T4 results are indecisive then Free T3 & Free T4 test are recommended for further confirmation along with

(1 Beckman Dxi-600 2. ELECTRO-CHEMILUMINISCENCE TECHINIQUE BY ELECSYSYS -E411)

*** End Of Report ***

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[Checked By]



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HIGH RESOLUTION ULTRASOUND STUDY OF BOTH BREASTS
Study performed with 10.0MHz high frequency linear probe.

- **Right breast** The breast architecture on right side shows homogeneous echotexture of parenchyma. Normal nipple areola complex is seen. No well formed space occupying lesion is seen.
- **Left breast** The breast architecture on left side shows homogeneous echotexture of parenchyma. Normal nipple areola complex is seen. No well formed space occupying lesion is seen.
- No abnormal calcification is identified in either breast.
- Subareolar region appears normal. No abnormal ductal dilatation is seen.
- Axillary tail is normal. No obvious axillary lymphadenopathy is seen.

IMPRESSION:

- **BILATERAL BREAST: NORMAL (BIRADS I CATEGORY).**

Clinical correlation is necessary.

DR. NISMA WAHEED
MD, RADIODIAGNOSIS

Transcribed By: Gausiya



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ULTRASOUND STUDY OF WHOLE ABDOMEN

Compromised assessment due to excessive bowel gases.

- **Liver is mildly enlarged in size, and shows increased echotexture of liver parenchyma.** No intrahepatic biliary radicle dilatation is seen. No space occupying lesion is seen. Hepatic veins and IVC are seen normally.
- **Gall bladder** is partially distended (post prandial), however visualized parts appear normal.
- **CBD** is normal at porta. No obstructive lesion is seen.
- **Portal vein** Portal vein is normal at porta.
- **Pancreas** is normal in size and shows homogenous echotexture of parenchyma. PD is not dilated. No parenchymal calcification is seen. No peripancreatic collection is seen.
- **Spleen** is normal in size and shows homogenous echotexture of parenchyma. No SOL is seen.
- No retroperitoneal adenopathy is seen. No ascites is seen.
- **Both kidneys** are normal in size and position. No hydronephrosis is seen. **Left kidney shows a concretion measuring 2.2mm at mid pole.** No mass lesion is seen. Cortico-medullary differentiation is well maintained. Parenchymal thickness is normal. No scarring is seen. Right kidney measures 90 x 39 mm in size. Left kidney measures 100 x 46 mm in size.
- **Ureters** Both ureters are not dilated. UVJ are seen normally.
- **Urinary bladder** is normal in contour with anechoic lumen. No calculus or mass lesion is seen. UB walls are not thickened.
- **Uterus** is normal in size, measures 78 x 45 x 40 mm and **shows well defined hypoechoic lesion measuring 11 x 8mm in posterior wall.** Endometrial thickness measures 5.0 mm. No endometrial collection is seen. No mass lesion is seen.
- **Cervix shows nabothian cyst measuring 9 x 9mm.**
- **Both ovaries** are normal in size and echotexture.
- No adnexal mass lesion is seen.
- No free fluid is seen in Cul-de-Sac.

OPINION:

- **MILD HEPATOMEGALY WITH FATTY INFILTRATION OF LIVER GRADE-I.**
- **LEFT RENAL CONCRETION.**
- **LEIOMYOMA IN POSTERIOR WALL.**
- **NABOTHIAN CYST IN CERVIX.**

Clinical correlation is necessary.

[DR. R.K. SINGH, MD]

Transcribed By: Purvi



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SKIAGRAM BOTH KNEE AP AND LATERAL

- Articular surfaces show early osteophytosis.
- Joint spaces are maintained.
- Tibial spines are prominent.

IMPRESSION:

- **EARLY OSTEOARTHRITIC CHANGES BOTH KNEE JOINT.**

Clinical correlation is necessary.

[DR. RAJESH KUMAR SHARMA, MD]

TRANSCRIBED BY: ANUP

*** End Of Report ***

