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Rajasthani Diagnostic & Medical Research Centre Jhunjhunu







RAJASTHANI DIAGNOSTIC & MR CENTRE

FULLY COMPUTERISED PATHOLOGY LABORATORY

MRI

CT SCAN

TMT

SONOGRAPHY

X-RAY

ECG

MAMOGRAPHY

| | TO THE STATE OF TH | AGE- | SEX: M |
|------------|--|------|-----------|
| 1 47 1171- | RAVINDRA SINGH | | 26-Feb-24 |
| REF/BY: | BOB HEALTH CHECKUP | DATE | |

ULTRASONOGRAPHY WHOLE ABDOMEN

<u>Liver</u>: is normal in size, shape and echotexture. No IHBR dilatation is seen. No focal mass seen. Portal vein and hepatic veins are normal in diameter. Common bile duct is normal in diameter and lumen is clear.

Gall bladder: is normal in size shape, location with echo free lumen. Wall thickness is normal. No echogenic shadow suggestive of calculus is seen. No focal mass or lesion is seen.

<u>Pancreas</u>: is normal in size, shape and echotexture. No focal mass or lesion is detected. Pancreatic duct is not dilated.

Rt. Kidney: is normal in size, shape, position and echotexture. Corticomedullary differentiation is well maintained. No evidence of definite calculus/ hydronephrosis is seen.

Lt. Kidney: is normal in size, shape, position and echotexture. Corticomedullary differentiation is well maintained. No evidence of definite calculus/ hydronephrosis is seen.

Spleen: is normal in size, regular in shape and echo texture. No focal lesion is seen. Splenic vessels are normal.

<u>Urinary Bladder</u>: is well distended. Outline of bladder is regular. Wall thickness is normal. No focal mass is seen. No echogenic shadow suggestive of calculus is seen.

Prostate: is normal in size, regular in shape and outline. Capsule is intact.

No evidence of ascites is seen. No significant Lymphadenopathy is seen. No obvious bowel pathology is seen. Retroperitoneum including aorta, IVC are unremarkable.

IMPRESSION:

· NORMAL SONOGRAPHY STUDY.

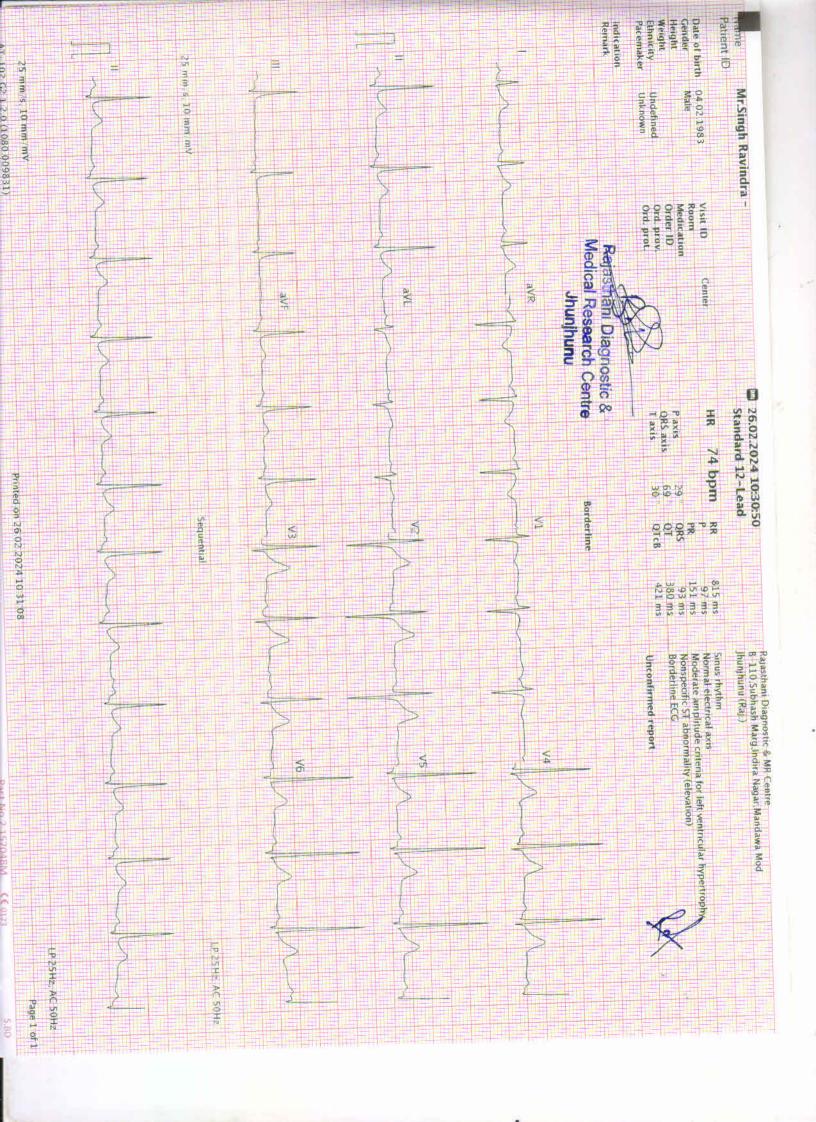
Advised: clinicopathological correlation

DR. ANUSHA MAHALAWAT MD RADIODIAGNOSIS

Dr. Anusha Mahulawat MD (Radiodiagnosis) (RMC. 38742/25457)









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MEMOGRAPHY

NAME : RAVINDRA SINGH

AGE 41 /SEX M

REF. BY : BOB HEALTH CHECK-UP

DATE: 26.02.2024

X-RAY CHEST PA

- Both lung fields appear normal in under view
- No e/o consolidation or cavitations is seen.
- Both costo-phrenic angles appear clear.
- Cardiac size is within normal limits.
- Both domes of diaphragm appear normal.
- Bony thoracic cage & soft tissue shadow appear normal.

IMPRESSION :- NORMAL X-RAY CHEST (PA)

DR. ANUSHA MAHALAWAT

MD (RADIODIAGNOSIS)

RMC -38742/25457





JAUNJHUNU (RA)



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MEMOGRAPHY

Hematology Analysis Report

First Name: RAVINDRA SINGHSample Type:

Last Name: Gender:

Male

Department: Med Rec. No .: Sample ID: 3

Test Time: 26/02/2024 09:42

Diagnosis:

Age: 41 Year

| Aye. | 41 (64) | | | | | |
|-----------|--|--------|-------------|---------|----------|------------|
| Parameter | | Result | Ref. Range | Unit | | |
| 1 WBC | | 6.21 | 4.00-10.00 | 10^3/uL | | |
| 2 Neu% | | 67.3 | 50.0-70.0 | % | WBC | |
| 3 Lym% | | 23.5 | 20.0-40.0 | % | | |
| 4 Mon% | | 6.5 | 3.0-12.0 | % | | |
| 5 Eos% | | 2.4 | 0.5-5.0 | % | | |
| 6 Bas% | | 0.3 | 0.0-1.0 | % | | * - 1 |
| 7 Neu# | | 4.18 | 2.00-7.00 | 10^3/uL | | M. Andrews |
| 8 Lym# | | 1.46 | 0.80-4.00 | 10^3/uL | RBC | |
| 9 Mon# | | 0.40 | 0.12-1.20 | 10^3/uL | | |
| 10 Eos# | | 0.15 | 0.02-0.50 | 10^3/uL | | |
| 11 Bas# | / 3 | 0.02 | 0.00-0.10 | 10^3/uL | | |
| 12 RBC | / 4 | 5.01 | 3.50-5.50 | 10^6/uL | 0 100 20 | 30X |
| 13 HGB | | 12.2 | 11.0-16.0 | g/dL | PLT | |
| 14 HCT | - | | 37.0-54.0 | % | | |
| 15 MCV | Marine, Marine | 85.9 | 80.0-100.0 | fL | | |
| 16 MCH | | 24.4 L | 27.0-34.0 | pg | | |
| 17 MCHC | U) | | 32.0-36.0 | g/dL | 0 10 20 | 30 |
| 18 RDW-C | V | 12.9 | 11.0-16.0 | % | 0 10 20 | |
| 19 RDW-SI | D com | 45.8 | 35.0-56.0 | fL | 1rs | D |
| 20 PLT | 1 () Z | 161 | 100-300 | 10^3/uL | | |
| 21 MPV | | 11.9 | 6.5-12.0 | fL - | 900 | |
| 22 PDW | | 24.6 H | 9.0-17.0 | | | |
| 23 PCT | | 0.192 | 0.108-0.282 | % | | |
| 24 P-LCR | | 52.9 H | 11.0-45.0 | % | | |
| 25 P-LCC | | 85 | 30-90 | 10^3/uL | LS | 0 |
| | | 1 | HUNIHUN | VU (RA | | |

1111 ich hheilet Dr. Mamta Khuteta M D. (Path.)

PAAC No 4720/16260

Submitter: Draw Time:

Operator: service Approver: 26/02/2024 09:42 Received Time: 26/02/2024 09:42 Validated Time:

Report Time: 26/02/2024 11:30 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours







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MEMOGRAPHY

Patient Name: RAVINDRA SINGH

Sr. No. : 1975 Patient ID No.: 2608

: 41 Gender Age MALE

Ref. By Dr : MEDI-WHEEL HEALTH CHECKUP

Registered on : 26-02-2024 11:00 AM

Collected On : 26-02-2024 11:00 AM

Received On : 26-02-2024 11:00 AM

Bar Code

Reported On : 26-02-2024 12:39 PM

LIS Number

HAEMATOLOGY

| Test Name | Observed Values | Units | Reference Intervals |
|--------------------------------------|-----------------|-------|---------------------|
| ESR (Erythrocyte Sedimentation Rate) | 12 | mm/hr | 20 |
| BLOOD GROUPING (ABO & Rh) | O+ Positive | 100 | |





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Bar Code LIS Number : 26-02-2024 12:39

HAEMATOLOGY

HbA1c(Glycosylated hemoglobin)

| Test Name | Observed Values | Units | Reference Intervals |
|---------------------------------|-----------------|--------|---|
| HbA1c(Glycosylated hemoglobin) | 4.66 | % | < 6.50 Non-Diabetic 6.50 - 7.00 Very Good Control 7.10 - 8.00 Adeqate Control 8.10 - 9.00 Suboptimal Control 9.10 - 10.00 Diabetic Poor Control > 10.00 Very Poor Control |
| eAG (Estimated Average Glucose) | 4.83 | mmol/L | Y |
| eAG (Estimated Average Glucose) | 87.04 | mg/dL | |

Method: Fluorescence Immunoassay Technology

Sample Type : EDTA Blood

Test Performed by:-

Fully Automated (EM 200) ERBA MANNHEIM.

Remarks :

Gycosylated Hemoglobin Testing is Recommended for both (a) Checking Blood Sugar Control in People who might be Pre-Diabetic. (b) Monitoring Blood Sugar Control in patients in more elevated levels, termed Diabetes Mellitus. The American Diabetic Association suggests that the Glycosylated Hemoglobin Test be Performed atleast Two Times in Year in Patients with Diabetes that are meeting Treatement Goals (and That have stable glycemic Control) and Quarterly in Patients with Diabetes whos therapy has changed or that are not meeting Glycemic Goals.

Glycosylated Hemoglobin measurement is not appropriate where there has been change in diet or Treatment within 6 Weeks. Hence people with recent Blood Loss, Hemolytic Aneamia, or Genetic Differences in the Hemoglobin Molecule (Hemoglobinopathy) such as Sickle-cell Disease and other Conditions, as well as those that have donated Blood recently, are not suitable for this Test.



Dr.Mamta Khulek M.D.(Path.) RMC No. 4720/16260

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BIO-CHEMISTRY

| Test Name | Observed Values | Units | Reference Intervals |
|------------------------------------|-----------------|-------|--|
| Glucose Fasting (Method GOD-POD) | 86.00 | mg/dL | Glucose Fasting Cord: 45-96 New born, 1d: 40 -60 New born,>1d: 50-80 Child: 60-100 Adult: 74-100 >60 Y: 82-115 >90 Y: 75-121 |
| Blood Sugar PP (Method GOD-POD) | 108.00 | mg/dL | Glucose 2 h Postparandial: <120 |









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BIO-CHEMISTRY KIDNEY FUNCTION TEST

| Test Name | Observed Values | Units | Reference Intervals |
|--|-----------------|-------|--|
| Blood Urea (Method Urease-GLDH) | 30.00 | mg/dL | Adults Women < 50 years: 13-40 Women > 50 years: 21-43 Men < 50 years: 19-45 Men > 50 years: 18-55 Children 1-3 years: 11-36 4-13 years: 15-36 13-19 years : 18-45 |
| Creatinine (Method Enzymatic Creatininase) | 0.89 | mg/dL | 0.61.30 |
| Calcium | 10.62 | mg/dL | 8.511 |
| Uric Acid (Method: Uncase-POD) | 5.24 | mg/dL | 2.47.2 |

| - Wall Street | | | |
|----------------------------------|-----------------|-------|---------------------|
| Test Name | Observed Values | Units | Reference Intervals |
| Gamma glutamyl transferase (GGT) | 29.41 | IU/L | 15.085.0 |







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BIO-CHEMISTRY Liver Function Test

| Test Name | | Observed Values | Units | Reference Intervals |
|---|--------|-----------------|-------|--|
| / C. 17 | | | 7/ | 7770 |
| SGOT/AST(Tech.:-UV Kinetic) | Н | 42.00 | U/L | 540 |
| SGPT/ALT(Tech.:-UV Kinetic) | Н | 58.00 | U/L | 540 |
| Bilirubin(Total) (Method Diazo) | | 0.95 | mg/dL | Adults: 0-2, Cord < 2 Newborns, premature 0-1 day :1-8, 1-2 days : 6-12, 3-5 days : 10-14 Newborns, full term 0-1 day: 2-6, 1-2 days : 6-10, 3-5 days : 4-8 |
| Bilirubin(Direct) | | 0.22 | mg/dL | 00.3 |
| Bilirubin(Indirect) | | 0.73 | mg/dL | 0.11.0 |
| Total Protein (Method: BIURET Method) | | 7.01 R C | g/dL | Adults: 6.4 - 8.3 Premature: 3.6 - 6.0 Newborn: 4.6 - 7.0 1 Week: 4.4 - 7.6 7-12 months: 5.1 - 7.3 1-2 Years: 5.6 - 7.5 > 2 Years: 6.0 - 8.0 |
| Albumin(Tech.:-BCG) (Method: BCG) | // www | 3.98 | gm/dL | 0-4 days:2.8-4.4 4d-14 yrs: 3.8-5.4 14y-18y: 3.2-4.5 Adults 20-60 yrs: 3.5-5.2 60-90 yrs: 3.2-4.6 |
| Globulin(CALCULATION) | 17UI | 3.03 | gm/dL | 2.54.5 |
| A/G Ratio(Tech.:-Calculated) | | 1.31 | | 1.2 2.5 |
| Alkaline Phosphatase(Tech.:-Pnp Amp Kinetic) | - | 181.00 | U/L | 108-306 |







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BIO-CHEMISTRY LIPID PROFILE

| Test Name | Observed Values | Units | Reference Intervals |
|--------------------------------|-----------------|--------------------|---|
| Cholesterol (Method: CHOD-PAP) | 186.00 | mg/dL | Adults- Desirable: <200 Borderline: 200-239 High: >239 Children- Desirable: <170 Borderline: 170-199 High: >199 |
| HDL Cholesterol | 58.00 | mg/dL | 3565 |
| Triglycerides . (Method GPO) | 139.00 | mg/dL | Recommended triglycerides levels for adults: Normal: <161 High: 161-199 Hypertriglycerdemic: 200-499 Very high:>499 |
| LDL Cholesterol | 100.20 | mg/dL | 10150 |
| VLDL Cholesterol | 27.80 | mg/dL | 040 |
| | | West of the second | |



Dr. Ashish Sethi onsultant Biochemist

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JAUNJHUNU (RAJ.)



T&C : * This Reports 1 10. South a middle aga Political a garming that but have being Political and the special political

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THYROID HORMONES T3,T4,TSH (THYROID PROFILE)

| Test Name | Observed Values | Units | Reference Intervals |
|-----------------------------------|-----------------|----------|---------------------|
| T3 (Total Triiodothyronine) | 0.90 | ng/ML | 0.5 - 1.5 ng/ML |
| T4 (TotalThyroxine) | 8.46 | µg/dL | 4.60-12.50 µg/dL |
| TSH (Thyroid Stimulating Hormone) | 1.66 | μlU/mL , | 0.35 5.50 µIU/mL |

Sample Type : Serum Test Performed by:-

Fully Automated Chemi Luminescent Immuno Assay (ARCHITECT- i1000 PLUS) Abbott USA

Remarks:

Primary malfunction of the Thyroid gland may result in excessive (hyper) or Low (hypo) release of T3 or T4. In additional, as TSH directly affect thyroid function, malfunction of the pituitary or the hypothalamus influences the thyroid gland activity.

Disease in any portion of the thyroid-pituitary-hypothalamus system may influence the level of T3 and T4 in the blood, in Primary Hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels may be low. In addition, in Euthyroid sick syndrome, multiple alterations in serum thyroid function test findings have been recognized.

JAUNIHUNU (RAL.)







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IMMUNOLOGY

| Test Name | Observed Values | Units | Reference Intervals |
|---------------------------------|-----------------|-------|---|
| PSA (Prostate-Specific Antigen) | 0.63 | ng/mL | NORMAL 0 - 4.00 Borderline 4 - 10 High More than 10.00 |

Method: Fluorescence Immunoassay Technology Sample Type: Serum / Plasma / Whole Blood

Test Performed by:-

Fully Automated Chemi Luminescent Immuno Assay (ARCHITECT- i1000 PLUS) Abbott USA

SUMMARY:-

PSA is localized in the cytoplasm of prostatic ductal epithelium and in secretions of the ductal lumina. Because PSA is a secretory protein of the prostate, it can be recovered and purified both from prostatic tissue and from seminal plasma. PSA has been found to be primarily associated with prostate tissue, and elevated serum PSA has been found in patients with prostate cancer, benign prostatic hypertrophy, and inflammatory conditions. Serum PSA alone is not suitable as a screen for prostate cancer because elevated PSA concen- trations are also observed in patients with benign prostatic hypertrophy (BPH), nor is it recommended as a guide in disease staging. The combination of PSA measurement and reactal examination with ultrasonography in the event of abnormal findings may provide a better method of detecting prostate cancer than rectal examination alone. PSA determinations can be useful in detecting metastatic or persistent disease in patients following surgical or medical treatment of prostate cancer.

JHUNJHUNU (RA).







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URINE EXAMINATION URINE COMPLETE

| Test Name | Observed Values | Units | Reference Intervals |
|---------------------------|-----------------|---------|---------------------|
| PHYSICAL | | 70 | |
| Quantity | | ml ml | |
| Colour | Yellow | 10 | |
| Appearance / Transparency | Clear | 130 | |
| Specific Gravity | 1.025 | (0) | |
| PH | 5.0 | 12 | 4.56.5 |
| CHEMICAL | | 0 | |
| Reaction | Acidic | in | |
| Albumin | TRACE | 12 | |
| Urine Sugar | Nil | | |
| MICROSCOPIC | DIC | 100 | |
| Red Blood Cells | Nil | /h.p.f. | |
| Pus Cells | 35 | /h.p.f. | |
| Epithelial Cells | 12 | /h.p.f. | |
| Crystals | Mun. Nil val. | /h.p.f. | |
| Casts | VI NILL IN | /h.p.f. | |
| Bactria | Nil | /h.p.f. | |
| Others | Nil | /h.p.f. | |

| Test Name | Observed Values | Units | Reference Intervals |
|---------------------|-----------------|-------|---------------------|
| URINE SUGAR FASTING | Nil | | |
| URINE SUGAR PP | Nil | | |

END OF REPORT >>>

>>> Results relate only to the sample as received. Kindly correlate with clinical condition. <<<

Note: This report is not valid for medico legal purposes.



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Martin Khul Dr.Mamta Khutel M.D.(Path.) RMC No. 4720/16

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