

| CID | : 2413220820 |
|---------------------------------|-----------------------------------|
| Name | : MRS.RINKI NATH |
| Age / Gender | : 34 Years / Female |
| Consulting Dr. Reg. Location | : - : Malad West (Main Centre) |

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

. .

| <u>CBC (Complete Blood Count), Blood</u> | | | |
|--|-----------------|-----------------------------|--------------------|
| <u>PARAMETER</u> | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
| RBC PARAMETERS | | | |
| Haemoglobin | 11.5 | 12.0-15.0 g/dL | Spectrophotometric |
| RBC | 4.61 | 3.8-4.8 mil/cmm | Elect. Impedance |
| PCV | 35.8 | 36-46 % | Calculated |
| MCV | 77.7 | 80-100 fl | Measured |
| MCH | 25.1 | 27-32 pg | Calculated |
| MCHC | 32.3 | 31.5-34.5 g/dL | Calculated |
| RDW | 14.8 | 11.6-14.0 % | Calculated |
| WBC PARAMETERS | | | |
| WBC Total Count | 8140 | 4000-10000 /cmm | Elect. Impedance |
| WBC DIFFERENTIAL AND | ABSOLUTE COUNTS | | |
| Lymphocytes | 39.2 | 20-40 % | |
| Absolute Lymphocytes | 3180 | 1000-3000 /cmm | Calculated |
| Monocytes | 6.5 | 2-10 % | |
| Absolute Monocytes | 520 | 200-1000 /cmm | Calculated |
| Neutrophils | 51.5 | 40-80 % | |
| Absolute Neutrophils | 4190 | 2000-7000 /cmm | Calculated |
| Eosinophils | 2.6 | 1-6 % | |
| Absolute Eosinophils | 210 | 20-500 /cmm | Calculated |
| Basophils | 0.2 | 0.1-2 % | |
| Absolute Basophils | 10 | 20-100 /cmm | Calculated |
| Immature Leukocytes | - | | |

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

| Platelet Count | 355000 | 150000-400000 /cmm | Elect. Impedance |
|-----------------------|--------|--------------------|------------------|
| MPV | 7.7 | 6-11 fl | Measured |
| PDW | 14.2 | 11-18 % | Calculated |
| RBC MORPHOLOGY | | | |
| Hypochromia | Mild | | |
| Microcytosis | Mild | | |

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HEALTHLINE: 022-6170-0000 | E-MAIL: customerservice@suburbandiagnostics.com | WEBSITE: www.suburbandiagnostics.com

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|-----------------------|----------------------------|-----------|---|---|
| RECISE TESTING . HEAT | | | | P |
| CID | : 2413220820 | | | 0 |
| Name | : MRS.RINKI NATH | | | R |
| Age / Gender | : 34 Years / Female | | Use a QR Code Scanner Application To Scan the Code | т |
| Consulting Dr. | : - | Collected | :11-May-2024 / 13:46 | • |
| Reg. Location | : Malad West (Main Centre) | Reported | :11-May-2024 / 16:12 | |

| Macrocytosis | - |
|----------------------|---|
| Anisocytosis | - |
| Poikilocytosis | - |
| Polychromasia | - |
| Target Cells | - |
| Basophilic Stippling | - |
| Normoblasts | - |
| Others | - |
| WBC MORPHOLOGY | - |
| PLATELET MORPHOLOGY | - |
| COMMENT | - |
| | |

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR

2-20 mm at 1 hr.

Sedimentation

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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

9

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 CPL, Andheri West *** End Of Report ***



Dr.JYOT THAKKER M.D. (PATH), DPB Pathologist and AVP(Medical Services)

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REPORT

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:11-May-2024 / 13:46 :11-May-2024 / 16:59

| CID | : 2413220820 |
|---------------------------------|-----------------------------------|
| Name | : MRS.RINKI NATH |
| Age / Gender | : 34 Years / Female |
| Consulting Dr. Reg. Location | : - : Malad West (Main Centre) |

| AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE | | | |
|---|----------------|--|------------------|
| PARAMETER | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
| GLUCOSE (SUGAR) PP, Fluoride Plasma PP | 87.0 | Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl | Hexokinase |
| BILIRUBIN (TOTAL), Serum | 0.38 | 0.1-1.2 mg/dl | Colorimetric |
| BILIRUBIN (DIRECT), Serum | 0.14 | 0-0.3 mg/dl | Diazo |
| BILIRUBIN (INDIRECT), Serum | 0.24 | 0.1-1.0 mg/dl | Calculated |
| TOTAL PROTEINS, Serum | 8.0 | 6.4-8.3 g/dL | Biuret |
| ALBUMIN, Serum | 4.7 | 3.5-5.2 g/dL | BCG |
| GLOBULIN, Serum | 3.3 | 2.3-3.5 g/dL | Calculated |
| A/G RATIO, Serum | 1.4 | 1 - 2 | Calculated |
| SGOT (AST), Serum | 29.0 | 5-32 U/L | NADH (w/o P-5-P) |
| SGPT (ALT), Serum | 45.3 | 5-33 U/L | NADH (w/o P-5-P) |
| GAMMA GT, Serum | 31.0 | 3-40 U/L | Enzymatic |
| ALKALINE PHOSPHATASE, Serum | 73.3 | 35-105 U/L | Colorimetric |
| BLOOD UREA, Serum | 17.9 | 12.8-42.8 mg/dl | Kinetic |
| BUN, Serum | 8.4 | 6-20 mg/dl | Calculated |
| CREATININE, Serum | 0.69 | 0.51-0.95 mg/dl | Enzymatic |
| eGFR, Serum | 117 | (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 |

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| Reg. Location | : Malad West (Main Centre) | Reported | :11-May-2024 / 18:24 | |
|------------------------|----------------------------|-----------|---|---|
| Consulting Dr. | : - | Collected | :11-May-2024 / 13:46 | |
| Age / Gender | : 34 Years / Female | | Use a QR Code Scanner Application To Scan the Code | т |
| Name | : MRS.RINKI NATH | | 回於案例的研究之前是 | R |
| CID | : 2413220820 | | | 0 |
| PRECISE TESTING - HEAL | THICS LIVING | | | Р |
| DIAGNOSTI | CS | | | E |

Note: eGFR estimation is calculated using 2021 CKD-EPI GFR equation w.e.f 16-08-2023

| URIC ACID, Serum | 5.6 | 2.4-5.7 mg/dl | Enzymatic |
|--|------------------|------------------|-----------|
| Urine Sugar (PP) Urine Ketones (PP) | Absent Absent | Absent Absent | |
| | ADSEIL | Absent | |

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West *** End Of Report ***



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CID : 2413220820 Name : MRS.RINKI NATH Age / Gender : 34 Years / Female Consulting Dr. : -Reg. Location : Malad West (Main Centre) Authenticity Check

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Non-Diabetic Level: < 5.7 %

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

:11-May-2024 / 13:46 :11-May-2024 / 18:24

HPLC

Calculated

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE <u>GLYCOSYLATED HEMOGLOBIN (HbA1c)</u> <u>RESULTS</u><u>BIOLOGICAL REF RANGE</u><u>METHOD</u>

mg/dl

Glycosylated Hemoglobin 5.9 (HbA1c), EDTA WB - CC

Estimated Average Glucose 122.6 (eAG), EDTA WB - CC

Intended use:

PARAMETER

- 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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| Age / Gender | : 34 Years / Female |
| Consulting Dr. Reg. Location | : - :Malad West (Main Centre) |

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE URINE EXAMINATION REPORT

| PARAMETER | <u>RESULTS</u> | BIOLOGICAL REF RANGE | <u>METHOD</u> |
|-------------------------|----------------|----------------------|-------------------------|
| PHYSICAL EXAMINATION | | | |
| Color | Pale yellow | Pale Yellow | - |
| Reaction (pH) | 5.0 | 5-8 | pH Indicator |
| Specific Gravity | 1.010 | 1.002-1.035 | Chemical Indicator |
| Transparency | Slight hazy | Clear | - |
| Volume (ml) | 50 | - | - |
| CHEMICAL EXAMINATION | | | |
| Proteins | Absent | Absent | Protein error principle |
| Glucose | Absent | Absent | GOD-POD |
| Ketones | Absent | Absent | Legals Test |
| Blood | 1+ | Absent | Peroxidase |
| Bilirubin | Absent | Absent | Diazonium Salt |
| Urobilinogen | Normal | Normal | Diazonium Salt |
| Nitrite | Absent | Absent | Griess Test |
| MICROSCOPIC EXAMINATION | | | |
| Pus cells / hpf | 1-2 | 0-5/hpf | |
| Red Blood Cells / hpf | 2-3 | 0-2/hpf | |
| Epithelial Cells / hpf | 4-5 | 0-5/hpf | |
| Casts | Absent | Absent | |
| Crystals | Absent | Absent | |
| Amorphous debris | Absent | Absent | |
| Bacteria / hpf | +(>20/hpf) | 0-20/hpf | |
| 0.1 | | | |

Others

Interpretation: The concentration values of Chemical analytes corresponding to the grading given in the report are as follows:

- Protein (1+ = 25 mg/dl , 2+ =75 mg/dl , 3+ = 150 mg/dl , 4+ = 500 mg/dl)
- Glucose(1 + = 50 mg/dl, 2 + =100 mg/dl, 3 + =300 mg/dl, 4 + =1000 mg/dl)
- Ketone (1+ =5 mg/dl , 2+ = 15 mg/dl , 3+= 50 mg/dl , 4+ = 150 mg/dl)

Reference: Pack inert

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| Age / Gender | : 34 Years / Female |
| Consulting Dr. | : - |
| Reg. Location | : Malad West (Main Centre) |

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Collected Reported :11-May-2024 / 13:46 :11-May-2024 / 15:56

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

PARAMETER

<u>RESULTS</u>

ABO GROUP A Rh TYPING POSITIVE

NOTE: Test performed by automated column agglutination technology (CAT) which is more sensitive than conventional methods.

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 CPL, Andheri West

*** End Of Report ***



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| CID | : 2413220820 | | | |
|----------------|----------------------------|--|--|--|
| Name | : MRS.RINKI NATH | | | |
| Age / Gender | : 34 Years / Female | | | |
| Consulting Dr. | : - | | | |
| Reg. Location | : Malad West (Main Centre) | | | |



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Third Trimester: 0.3-3.0

:11-May-2024 / 13:46 :11-May-2024 / 16:32

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE **THYROID FUNCTION TESTS BIOLOGICAL REF RANGE RESULTS** PARAMETER **METHOD** Free T3, Serum ECLIA 4.2 3.5-6.5 pmol/L Free T4, Serum ECLIA 14.1 11.5-22.7 pmol/L First Trimester:9.0-24.7 Second Trimester: 6.4-20.59 Third Trimester: 6.4-20.59 sensitiveTSH, Serum 4.84 0.35-5.5 microIU/ml **ECLIA** First Trimester:0.1-2.5 Second Trimester: 0.2-3.0

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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 CPL, Andheri West *** End Of Report ***



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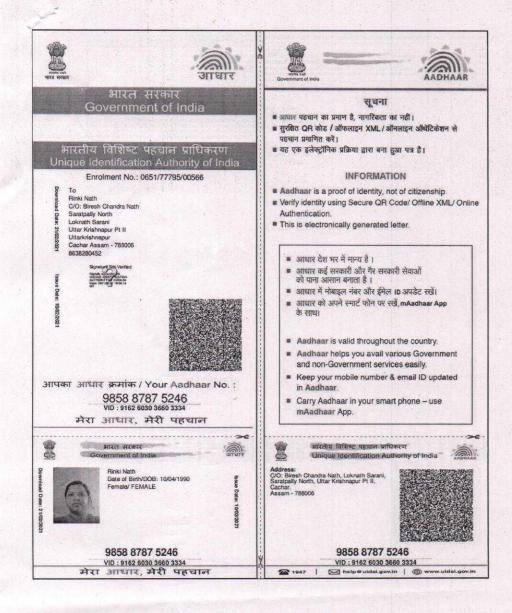
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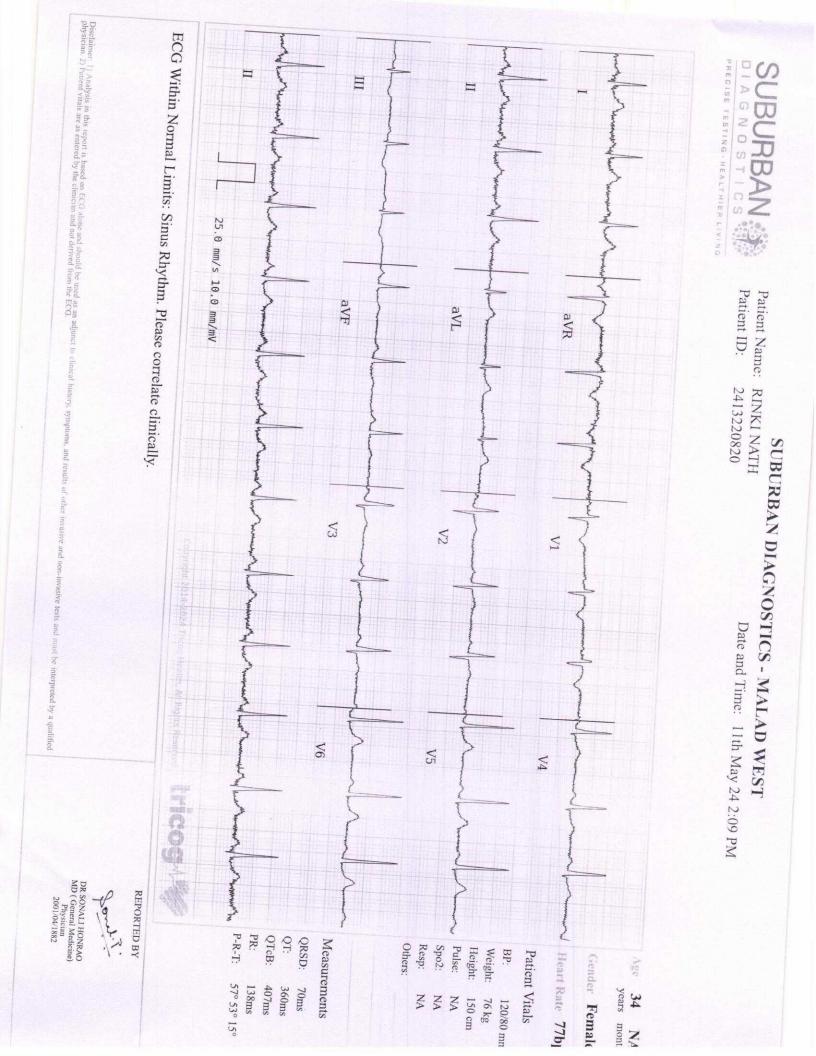
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Rinki Nath





Date:- 11/05/24 CID: 24132200820 Name: Rinki naty Sex / Age: F / 34 EYE CHECK UP Chief complaints: FIN MIN Systemic Diseases: R.F 616 M16 Past history: L-F 616 Unaided Vision: N16 Aided Vision:

Refraction:

(Right Eye)

(Left Eye)

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| Sph | Cyl | Axis | Vn | Sph | Cyl | Axis | Vn |
|-----|-----|---------|--------------|-----------------|---------------------|-------------------------|------------------------------|
| | | | | | | | VII |
| | | | | | | | |
| | Spn | Spn Cyl | Sph Cyl Axis | Spn Cyl Axis Vn | Sph Cyl Axis Vn Sph | Sph Cyl Axis Vn Sph Cyl | Sph Cyl Axis Vn Sph Cyl Axis |

Colour Vision: Normal / Abnormal

Remark:

SUBURBAH DIAGHOSTICS (SIDIA) PVT. LTD. 102-104, Dino- did Castle, Opp. Goregeon x cons Chib, Link Read, Melad (W), isombai - 400 064.



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CID : 2413220820 Name : Mrs RINKI NATH Age / Sex : 34 Years/Female Ref. Dr : Reg. Location : Malad West Main Centre

Reg. Date Reported Application To Scan the Code : 11-May-2024 : 11-May-2024 / 16:13

Use a OR Code Scanner

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.

<u>IMPRESSION:</u> NO SIGNIFICANT ABNORMALITY IS DETECTED.

Kindly correlate clinically.

Note: Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. X- ray is known to have interobserver variations. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests further / follow-up imaging may be needed in some case for confirmation of findings. Please interpret accordingly.

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

DR. Akash Chhari MBBS. MD. Radio-Diagnosis Mumbai MMC REG NO - 2011/08/2862

Click here to view images http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2024051113341653 REGD. OFFICE: Dr. Lal PathLabs Ltd., Block E, Sector-18, Rohini, New Delhi - 110085. | CIN No.: L74899DL 1995PL C045389



Authenticity Check CID : 2413220820 Name : Mrs RINKI NATH Age / Sex : 34 Years/Female Use a QR Code Scanner Ref. Dr Application To Scan the Code Reg. Date : 11-May-2024 **Reg.** Location : Malad West Main Centre Reported : 11-May-2024 / 13:58

USG WHOLE ABDOMEN

LIVER:

The liver is enlarged in size (17.6 cm), normal in shape and smooth margins. It shows bright parenchymal echo pattern. The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen. The main portal vein (12 mm) and CBD (3.3 mm) appears normal.

GALL BLADDER:

Gall bladder is not visualized, Post cholecystectomy status.

PANCREAS:

The pancreas is well visualized and appears normal. No evidence of solid or cystic mass lesion.

KIDNEYS:

Right kidney measures 11.0 x 4.8 cm. Left kidney measures 11.4 x 5.4 cm. Both the kidneys are normal in size, shape and echotexture. No evidence of any calculus, hydronephrosis or mass lesion seen.

SPLEEN:

The spleen is normal in size (10.0 cm), and echotexture.No evidence of focal lesion is noted. There is no evidence of any lymphadenopathy or ascites.

URINARY BLADDER:

The urinary bladder is well distended and reveal no intraluminal abnormality.

UTERUS:

The uterus is anteverted and appears normal. It measures 7.1 x 3.9 x 5.5 cm (Volume is 82 cc) in size. The endometrial thickness is 6.8 mm.

OVARIES:

Both the ovaries are well visualized and appears normal. There is no evidence of any ovarian or adnexal mass seen. Right ovary = 2.5×1.9 cm. Left ovary = $2.2 \times 1.5 \text{ cm}$.

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Name Age / Sex Ref. Dr **Reg.** Location

CID

: Mrs RINKI NATH : 34 Years/Female : Malad West Main Centre

: 2413220820

Reg. Date Reported

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IMPRESSION:-

HEPATOMEGALY WITH GRADE II FATTY INFILTRATION OF LIVER.

Suggestion: Clinicopathological correlation.

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Note : 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 case for confirmation of findings. Patient has been explained in detail about the USG findings including its limitations and need for further imaging if clinically indicated. Please interpret accordingly. All the possible precaution have been taken under covid-19 pandemic.

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

DR. Akash Chhari MBBS. MD. Radio-Diagnosis Mumbai MMC REG NO - 2011/08/2862

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