

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sunitha P P MRN : 1020000270486 Gender/Age : FEMALE , 42y (03/10/1980)

Collected On : 25/02/2023 10:07 AM Received On : 25/02/2023 10:27 AM Reported On : 25/02/2023 12:00 PM

Barcode : 012302251078 Specimen : Serum Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9740646383

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.74	mg/dL	0.6-1.0
eGFR (Calculated)	86.1	mL/min/1.73m ²	Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric – Urease)	13	mg/dL	7.0-17.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	4.68	mg/dL	2.5-6.2
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	271 H	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	88	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	66 H	mg/dL	40.0-60.0
Non-HDL Cholesterol (Calculated)	205.0 H	mg/dL	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: => 220
LDL Cholesterol (Colorimetric)	177 H	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	17.6	mg/dL	0.0-40.0

Patient Name : Ms Sunitha P P MRN : 10200000270486 Gender/Age : FEMALE , 42y (03/10/1980)

Cholesterol /HDL Ratio (Calculated)	4.2	-	0.0-5.0
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THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence)	0.976	ng/mL	0.97-1.69
Thyroxine (T4) (Enhanced Chemiluminescence)	7.10	µg/dl	5.53-11.0
TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence)	37.11 H	µIU/mL	> 18 Year(s) : 0.4 -4.5 Pregnancy: 1st Trimester: 0.129-3.120 2nd Trimester: 0.274-2.652 3rd Trimester: 0.312-2.947

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric -Diazo Method)	0.20	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.10	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.1	mg/dL	0.0-1.1
Total Protein (Colorimetric - Biuret Method)	8.40 H	gm/dL	6.3-8.2
Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.60	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.8 H	gm/dL	2.0-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.21	-	1.0-2.1
SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	30	U/L	14.0-36.0
SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	22	U/L	<35.0
Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	63	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	14	U/L	12.0-43.0

Interpretation Notes

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Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin).
Indirect bilirubin result includes the delta bilirubin fraction also. Delta Bilirubin is the bilirubin which is covalently bound to albumin.
Delta Bilirubin is not expected to be present in healthy adults or neonates.

--End of Report--



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry



Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.

(Lipid Profile, -> Auto Authorized)

(CR, -> Auto Authorized)

(Blood Urea Nitrogen (Bun), -> Auto Authorized)

(Uric Acid -> Auto Authorized)



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Collected On : 25/02/2023 10:07 AM Received On : 25/02/2023 10:27 AM Reported On : 25/02/2023 12:36 PM

Barcode : 012302251079 Specimen : Whole Blood Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9740646383

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (HPLC NGSP Certified)	5.3	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: => 6.5 ADA standards 2020
Estimated Average Glucose (Calculated)	105.41	-	-

Interpretation:

- HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with HbA1C>6.5%, repeat measurement on further sample. If the repeat test result is <6.5%, consider as diabetes high risk and repeat measurement after 6 months.
- HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- Any sample with >15% should be suspected of having a haemoglobin variant.

--End of Report--

Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry

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MC-2688



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sunitha P P MRN : 10200000270486 Gender/Age : FEMALE , 42y (03/10/1980)

Collected On : 25/02/2023 10:07 AM Received On : 25/02/2023 10:25 AM Reported On : 25/02/2023 11:09 AM

Barcode : 1B2302250036 Specimen : Whole Blood Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9740646383

NARAYANA HRUDAYALAYA BLOOD CENTRE

Test	Result	Unit
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BLOOD GROUP & RH TYPING

Blood Group (Column Agglutination Technology)	O	-
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RH Typing (Column Agglutination Technology)	Positive	-
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--End of Report--

Dr. Prathip Kumar B R
MBBS,MD, Immunohaematology & Blood Transfusion
Consultant

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Patient Name : Ms Sunitha P P MRN : 10200000270486 Gender/Age : FEMALE , 42y (03/10/1980)

Collected On : 25/02/2023 10:07 AM Received On : 25/02/2023 10:51 AM Reported On : 25/02/2023 11:08 AM

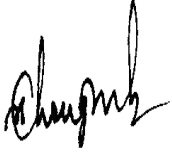
Barcode : 032302250191 Specimen : Urine Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9740646383

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Fasting) (Enzyme Method (GOD POD))	Not Present	-

--End of Report--



Dr. Sudarshan Chougule
MBBS, MD, Pathology
Consultant & Head - Hematology & Flow Cytometry

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Patient Name : Ms Sunitha P P MRN : 10200000270486 Gender/Age : FEMALE , 42y (03/10/1980)

Collected On : 25/02/2023 10:07 AM Received On : 25/02/2023 10:51 AM Reported On : 25/02/2023 11:26 AM

Barcode : 032302250191 Specimen : Urine Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9740646383

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY**PHYSICAL EXAMINATION**

Colour	STRAW	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction) (pH Indicator Method)	5.0	-	4.5-7.5
Sp. Gravity (Refractive Index)	1.021	-	1.002 - 1.030
Protein (Automated Protein Error Or Ph Indicator)	Not Present	-	Not Present
Urine Glucose (Enzyme Method (GOD POD))	Not Present	-	Not Present
Ketone Bodies (Nitroprusside Method)	Not Present	-	Not Present
Bile Salts (Azo Coupling Method)	Not Present	-	Not Present
Bile Pigment (Bilirubin) (Azo Coupling Method)	Not Present	-	Not Present
Urobilinogen (Azo Coupling Method)	Normal	-	Normal
Urine Leucocyte Esterase (Measurement Of Leukocyte Esterase Activity)	Not Present	-	Not Present
Blood Urine (Peroxidase Reaction)	Present ++	-	Not present
Nitrite (Gries Method)	Not Present	-	Not Present

MICROSCOPIC EXAMINATION

Pus Cells	1.7	/hpf	0-5
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RBC	12.7	/hpf	0-4
Epithelial Cells	7.8	/hpf	0-6
Crystals	0.0	/hpf	0-2
Casts	0.00	/hpf	0-1
Bacteria	13.7	/hpf	0-200
Yeast Cells	0.3	/hpf	0-1
Mucus	Not Present	-	Not Present

--End of Report--

Hema S

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

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Patient Name : Ms Sunitha P P MRN : 10200000270486 Gender/Age : FEMALE , 42y (03/10/1980)

Collected On : 25/02/2023 12:45 PM Received On : 25/02/2023 01:10 PM Reported On : 25/02/2023 01:48 PM

Barcode : 012302251521 Specimen : Plasma Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9740646383

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Colorimetric - Glucose Oxidase Peroxidase)	52 L	mg/dL	70 to 139 : Normal 140 to 199 : Pre-diabetes =>200 : Diabetes ADA standards 2020

--End of Report--



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry



Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

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(Post Prandial Blood Sugar (PPBS) -> Auto Authorized)



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Collected On : 25/02/2023 10:07 AM Received On : 25/02/2023 10:27 AM Reported On : 25/02/2023 11:23 AM

Barcode : 022302250592 Specimen : Whole Blood - ESR Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9740646383

HEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	10	mm/1hr	0.0-12.0

Interpretation Notes

- ESR high - Infections, chronic disorders,, plasma cell dyscrasias.

DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert

--End of Report--

Hema S

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

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DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Ms Sunitha P P MRN : 1020000270486 Gender/Age : FEMALE , 42y (03/10/1980)

Collected On : 25/02/2023 10:07 AM Received On : 25/02/2023 10:27 AM Reported On : 25/02/2023 11:03 AM

Barcode : 012302251077 Specimen : Plasma Consultant : Dr. Santosh K M(FAMILY MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9740646383

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Colorimetric - Glucose Oxidase Peroxidase)	94	mg/dL	70 to 99 : Normal 100 to 125 : Pre-diabetes =>126 : Diabetes ADA standards 2020

--End of Report--



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry



Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Note

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- Results relate to the sample only.
- Kindly correlate clinically.

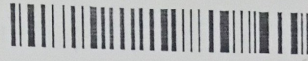
(Fasting Blood Sugar (FBS) -> Auto Authorized)



CONSULTATION SUMMARY

Patient MRN : 10200000270486
Patient Name : Ms Sunitha P P
Gender/Age/Dob : Female , 42 Years , 03/10/80
Patient Phone No : 9740646383
Patient Address : H no- B2007, Mahendra Aarna ,
Ananthagar , E- City Ph 2,
Bengaluru, Bangalore Urban,
Karnataka, India, -560100

Consultation Date: 25/02/2023 02:52 PM
Consultant : Dr. Santosh K M (FAMILY
MEDICINE)
Consultation Type : OP , NEW VISIT



VITALS

Blood Pressure: 113/71 mmHg Heart Rate: 73 bpm

SPO2 : 99 % , Room air

Height: 144 cm

Weight: 55 kg

BMI: 26.52 kg/m²

BSA: 1.48 m²

CLINICAL IMPRESSION

- Hypothyroid
- Hyperlipidemia

MEDICATION ORDER

DRUG NAME

- 1) THYROXINE SODIUM-TABLET-
100MCG-THYRONORM
- 2) ROSUVASTATIN-TABLET-10MG-
ROZULA

PATIENT INSTRUCTION

Patient Instruction: (1 - 0 - 0 - 0) Tablet For 3 Months empty stomach in the morning , Qty: 90 , Start Date: Feb 25, 2023 , End Date: May 24, 2023

Patient Instruction: (0 - 0 - 0 - 1) Tablet After Food Till Followup continue till review , Qty: 1 , Start Date: Feb 25, 2023

ADVICE

- Hydration atleast 4 litres per day
- Food in time .
- Food Quality (as discussed in outpatient department)
- Exercise- atleast 30 min brisk walk daily
- Sleep Hygiene

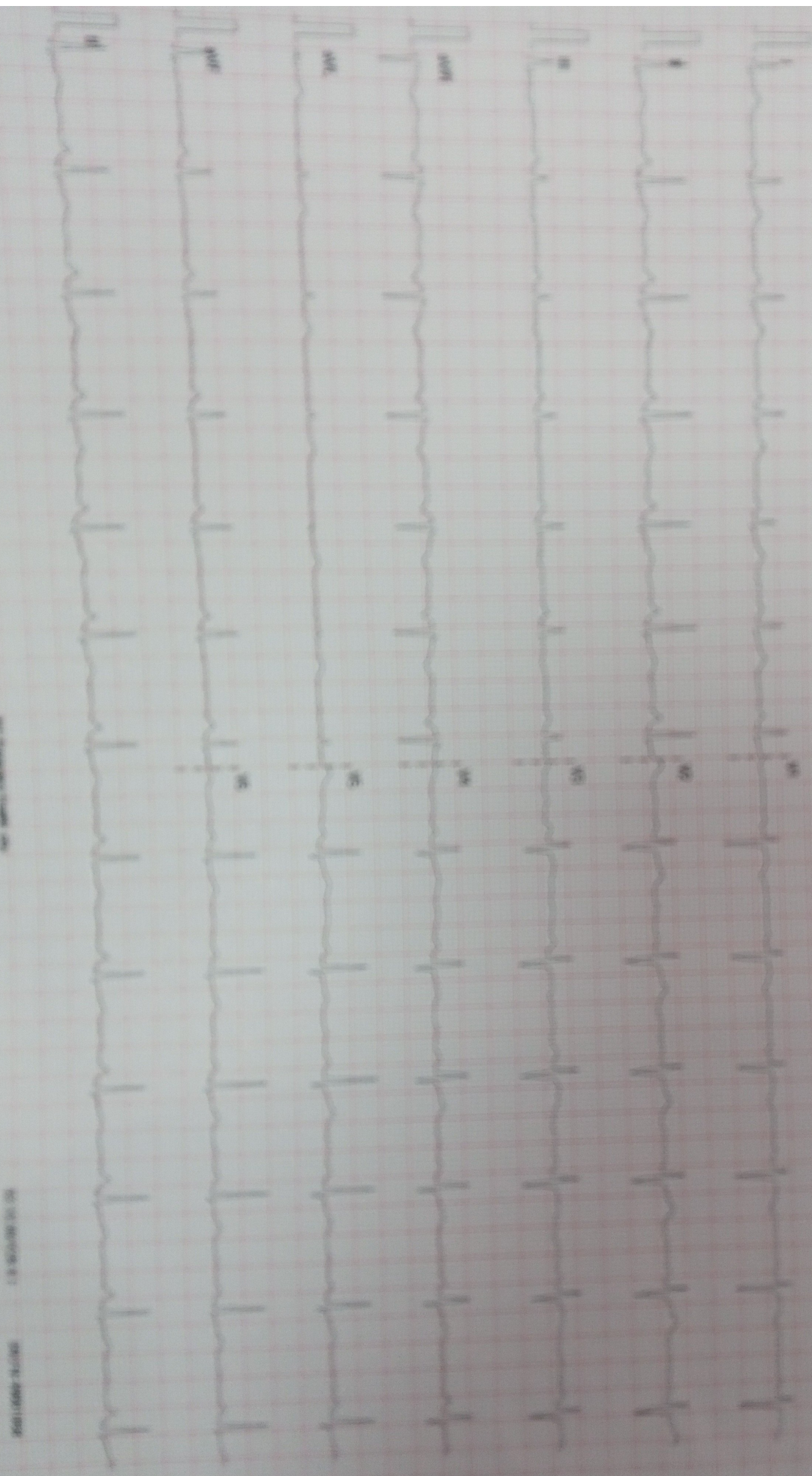
FOLLOW UP DETAILS

- Physical Consultation after 3 Months with below investigation results
- Follow-up Investigation
HBA1C I THYROID PROFILE (T3, T4, TSH)
- Physical Consultation after 1 Day



11-
Date: _____
Age: _____
Gender: _____
Height: _____
Weight: _____
Temp: _____
Pulse: _____
BP: _____
HR: _____
RR: _____
SpO2: _____

11-11-2024 11:00 AM
11-11-2024 11:00 AM
11-11-2024 11:00 AM
11-11-2024 11:00 AM
11-11-2024 11:00 AM
11-11-2024 11:00 AM
11-11-2024 11:00 AM



Patient Name : Ms. Sunitha P P
Age : 42 Years
Referring Doctor : EHC

MRN : 10200000270486
Sex : Female
Date : 25.02.2023

ULTRASOUND ABDOMEN AND PELVIS

CLINICAL DETAILS: Health Check-up.

FINDINGS:

Liver is normal in size (15.1 cm) and shows diffuse increase in parenchymal echogenicity, suggestive of mild fatty infiltration. No intra or extra hepatic biliary duct dilatation. No focal lesions.

Portal vein is normal in course and caliber. Hepatic veins and their confluence draining into the IVC appear normal. **CBD** is not dilated.

Gallbladder is partially distended without evidence of calculi or pericholecystic fluid.

Pancreas to the extent visualized, appears normal in size, contour and echogenicity.

Spleen is normal in size, shape, contour and echopattern. No evidence of mass or focal lesions.

Right Kidney is normal in size, position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Left Kidney is normal in size, position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Retroperitoneum – Obscured by bowel gas.

Urinary Bladder is well distended. Wall thickness is normal. No evidence of calculi, mass or mural lesion. *There is an intravesical anechoic cystic structure noted in the region of left VUJ measuring 1.2 x 1.1 cm, likely representing ureterocele.*

Uterus is anteverted and normal in size, measuring 10.1 x 6.0 x 4.1 cm. Myometrial and endometrial echoes are normal. **Endometriums** measures 6.5 mm. Endometrial cavity is empty.

Both ovaries are normal in size and echopattern.

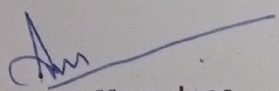
Right ovary: measures 2.5 x 1.7 cm. **Left ovary:** measures 3.0 x 1.8 cm.

Both adnexa: No mass is seen.

There is no ascites.

IMPRESSION:

- Mild fatty infiltration of liver.
- Intravesical anechoic cystic structure in the region of left VUJ, likely representing ureterocele.


Dr. Ann Mary Jose
Resident

Patient Name : Ms. Sunitha P P MRN : 10200000270486
Age : 42 Years Sex : Female
Referring Doctor : EHC Date : 25.02.2023

ULTRASOUND OF BOTH BREASTS

CLINICAL DETAILS: Health check-up.

FINDINGS:

RIGHT:

The pre mammary, mammary and retromammary areas demonstrate normal echotexture. The breast parenchyma shows normal fatty deposits.

The areolar region appears unremarkable.

No evidence of lymphadenopathy.

No focal lesions seen.

LEFT:

The pre mammary, mammary and retromammary areas demonstrate normal echotexture. The breast parenchyma shows normal fatty deposits.

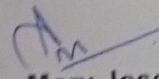
The areolar region appears unremarkable.

No evidence of lymphadenopathy.

No focal lesions seen.

IMPRESSION

- No sonological evidence of focal lesions in both breasts (BIRADS I).


Dr. Ann Mary Jose
Resident

Typed by: Saranya

V2

R

P P Sunitha Ms 10200000270486 1020-2302051996 F P5-000310 25/02/2023 11:22 AM

NH MSMC NH HEALTH CITY BANGALORE.