

Patient Name	MRS. RENUKADEVI R	Age	43Yr
Patient ID	148126	Sex	Female
Referral Dr	MEDIWHEEL	Study Date	25 Nov 2023

USG REPORT - ABDOMEN AND PELVIS

LIVER:

Is increased in size ~ 19.8 cm and shows increased echo texture.

No obvious focal lesion seen. No intra – Hepatic biliary radical dilatation seen.

GALL BLADDER:

Is adequately distended. No calculus or internal echoes are seen. Wall thickness is normal.

PANCREAS:

Appears normal in size and it shows uniform echo texture.

SPLEEN:

Is normal in size ~ 9.9 cm and shows uniform echogenicity.

RIGHT KIDNEY:

Right kidney measures ~ 10.2 x 3.9 cms.

The shape, size and contour of the right kidney appear normal.

Cortico medullary differentiation is within normal. No evidence of pelvicalyceal dilatation.

No calculi seen.

LEFT KIDNEY:

Left kidney measures ~ 10.4 x 4.4 cms.

The shape, size and contour of the left kidney appear normal.

Cortico medullary differentiation is within normal. No evidence of pelvicalyceal dilatation.

No calculi seen.

BLADDER:

Is normal contour. No intra luminal echoes are seen.

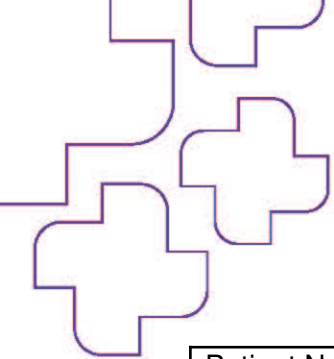
UTERUS:

Utero peritoneal adhesion seen.

Measures ~ 7 x 3.6 x 5.3 cms.

Endometrium is regular and normal (10mm).

Cervix appears normal.



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OVARIES:

Right ovary measures ~ 2.8 x 1.6 cms.

Left ovary measures ~ 2.8 x 1.2 cms.

No adnexal mass lesion seen. Pouch of Douglas is free. No free fluid in abdomen.

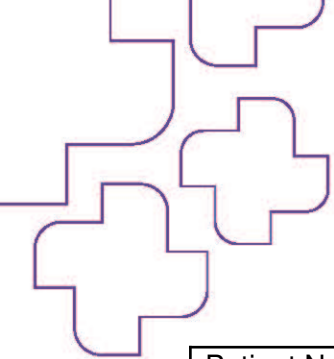
Divarication of recti seen in umbilical region.

IMPRESSION:

- Hepatomegaly with grade II fatty liver.
- Utero peritoneal adhesion seen.
- Divarication of recti seen in umbilical region.

- Suggested clinical correlation.

Dr. Abinaya., MD., (RD)
Consultant Radiologist



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X - RAY - MAMMOGRAM BOTH SIDES

TECHNIQUE:

Full field digital mammography of both breasts was performed in cranio-caudal and medio-lateral oblique views

OBSERVATION:

The fibroglandular density is normal for age in both breasts.

Nipple and subareolar tissue are normal.

No retraction or skin thickening is seen.

Subcutaneous tissue and cooper's ligaments are normal.

No evidence of any distortion of the tissues seen.

The pectoralis and retro mammary space appears normal.

No abnormal macrocalcification / microcalcification seen.

Axillary tail is normal.

USG SCREENING

No evidence of any lesions seen in bilateral breasts.

Few subcentimetric axillary lymphnodes with preserved fatty hilum seen.

IMPRESSION:

- **BIRADS I – No significant abnormality seen.**
- **Radiologically benign appearing bilateral axillary lymph nodes.**

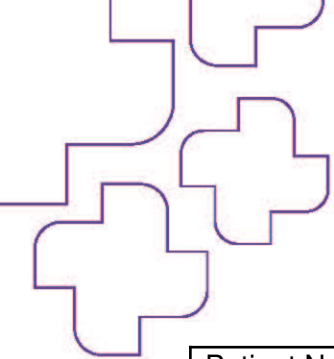
NOTE: BI – RADS SCORING KEY

O – Needs additional evaluation; I – Negative II – Benign findings; III – Probably benign

IV – Suspicious abnormality – Biopsy to be considered

V – Highly suggestive of malignancy; VI – Known biopsy proven malignancy

Dr. Abinaya., MD., (RD)
Consultant Radiologist



Patient Name	MRS.RENUKADEVI R	Age	43Yr
Patient ID	158053	Sex	Female
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X-RAY - CHEST PA VIEW

OBSERVATION:

The trachea is central.
The mediastinal and cardiac silhouette are normal.
Cardiothoracic ratio is normal.
Cardiophrenic and costophrenic angles are normal.
Both hila are normal.
Lung zones are clear.
Bones of the thoracic cage are normal.
Soft tissues of the chest wall are normal.

IMPRESSION:

No significant abnormality seen.

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Consultant Radiologist



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Sample ID :



001032923P

Test Description	Value(s)	Unit(s)	Reference Range
COMPLETE BLOOD COUNT (CBC)			
Hemoglobin (Hb)	13.3	gm/dL	12.0 - 15.0
Erythrocyte (RBC) Count	5.51	mil/cu.mm	3.8 - 4.8
Packed Cell Volume (PCV)	42.8	%	36 - 46
Mean Cell Volume (MCV)	77.68	fL	83 - 101
Mean Cell Haemoglobin (MCH)	24.14	pg	27 - 32
Mean Corpuscular Hb Concn. (MCHC)	31.07	g/dL	31.5 - 34.5
Red Cell Distribution Width (RDW)	13.9	%	11.6 - 14.0
Total Leucocytes (WBC) Count	8430	cell/cu.mm	4000-10000
Neutrophils	47	%	40 - 80
Lymphocytes	45	%	20 - 40
Monocytes	5	%	2 - 10
Eosinophils	3	%	1 - 6
Basophils	0	%	1-2
Absolute Neutrophil Count	3962.10	/c.mm	2000 - 7000
Absolute Lymphocyte Count	3793.50	/c.mm	1000 - 3000
Absolute Monocyte Count	421.50	/c.mm	200 - 1000
Absolute Eosinophil Count	252.90	/c.mm	20 - 500
Absolute Basophils Count	0	/c.mm	20 - 100
Platelet Count	370	10 ³ /ul	150 - 410
Mean Platelet Volume (MPV)	10.2	fL	7.2 - 11.7
PCT	0.38	%	0.2 - 0.5
PDW	12.1	%	9.0 - 17.0
ESR	15.0	mm/hr	12.0 - 15.0

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URINE COMPLETE ANALYSIS,
Physical Examination

Quantity	20	ml	-
Colour	Pale Yellow		Pale yellow/Yellow
Appearance	Cloudy		Clear
Specific Gravity	1.030		1.005-1.025
pH	6.0		5.0 - 8.0
Deposit	Present		Absent

Chemical Examination

Protein	Absent		Absent
Sugar	Present (+++)		Absent
Ketones	Absent		Absent
Bile Salt	Absent		Absent
Bile Pigment	Absent		Absent
Urobilinogen	Normal		Normal

Microscopic Examination (/hpf)

Pus Cell	4-5		Upto 5
Epithelial Cells	2-4		Upto 5
Red Blood Cells	Absent		Absent
Casts	Absent		Absent
Crystals	Absent		Absent
Amorphous Deposit	Absent		Absent
Yeast Cells	Absent		Absent
Bacteria	Present		Absent
Other findings	Not seen		Not seen

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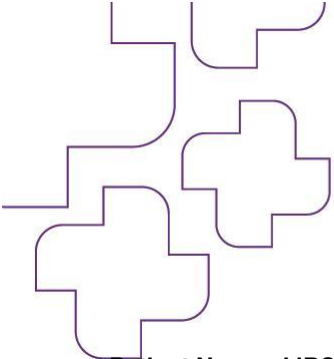
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<u>BLOOD GROUP & RH TYPING</u>			
Blood Group (ABO typing) Method : Manual-Hemagglutination	"B"		
RhD Factor (Rh Typing) Method : Manual hemagglutination	Positive		

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Glycosylated HbA1c

HbA1c (GLYCOSYLATED HEMOGLOBIN)

13.4

%

Method : (HPLC, NGSP certified)

Estimated Average Glucose :

337.88

mg/dL

Interpretation

As per American Diabetes Association (ADA)	
Reference Group	HbA1c in %
Non diabetic adults >=18 years	<5.7
At risk (Prediabetes)	5.7 - 6.4
Diagnosing Diabetes	>= 6.5
Therapeutic goals for glycemic control	Age > 19 years Goal of therapy: < 7.0 Action suggested: > 8.0 Age < 19 years Goal of therapy: <7.5

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Test Description	Value(s)	Unit(s)	Reference Range
<u>THYROID PROFILE TEST - TOTAL</u>			
T3-Total	106.0	ng/dL	60-200 Healthy Pregnancy First Trimester : 60-200 Second Trimester : 62-230 Third trimester : 62-230
T4-Total	8.2	ug/dL	4.52 - 12.8
TSH-Ultrasensitive Method : CLIA	4.42	uIU/mL	0.32 - 5.5 First Trimester : 0.1-2.5 Second Trimester : 0.2-3.0 Third trimester : 0.3-3.0

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Test Description	Value(s)	Unit(s)	Reference Range
<u>LIPID PROFILE</u>			
Cholesterol-Total Method : Spectrophotometry	240.0	mg/dL	Desirable level < 200 Borderline High 200-239 High >or = 240
Triglycerides Method : Serum, Enzymatic, endpoint	149.0	mg/dL	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500
HDL Cholesterol Method : Serum, Direct measure-PEG	49	mg/dL	Normal: > 40 Major Risk for Heart: < 40
LDL Cholesterol Method : Enzymatic selective protection	161.20	mg/dL	Optimal < 100 Near / Above Optimal 100-129 Borderline High 130-159 High 160-189 Very High >or = 190
VLDL Cholesterol Method : Serum, Enzymatic	29.80	mg/dL	6 - 38
CHOL/HDL Ratio Method : Serum, Enzymatic	4.90		3.5 - 5.0
LDL/HDL Ratio Method : Serum, Enzymatic	3.29		2.5 - 3.5

Note:

8-10 hours fasting sample is required.


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<u>RENAL PROFILE</u>			
Urea Method : Uricase	16.0	mg/dL	15-36
Blood Urea Nitrogen-BUN Method : Serum, Urease	7.47	mg/dL	7 - 17
Creatinine Method : Serum, Jaffe	0.62	mg/dL	0.52-1.25
Uric Acid Method : Serum, Uricase	2.6	mg/dL	2.5 - 6.2

Remark:

In blood, Urea is usually reported as BUN and expressed in mg/dl. BUN mass units can be converted to urea mass units by multiplying by 2.14.

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Test Description	Value(s)	Unit(s)	Reference Range
<u>LIVER FUNCTION TEST</u>			
Total Protein	7.6	g/dL	6.3 - 8.2
Method : Serum, Biuret, reagent blank end point			
Albumin	4.0	g/dL	3.5 - 5.0
Method : Serum, Bromocresol green			
Globulin	3.60	g/dL	1.8 - 3.6
Method : Serum, EIA			
A/G Ratio	1.11		1.2 - 2.2
Method : Serum, EIA			
Bilirubin - Total	0.4	mg/dL	0.2 - 1.3
Method : Serum, Jendrassik Grof			
Bilirubin - Direct	0.1	mg/dL	< 0.3
Method : Serum, Diazotization			
Bilirubin - Indirect	0.30	mg/dL	0.0 - 1.1
Method : Serum, Calculated			
SGOT	36.0	U/L	14-36
Method : Serum, UV with P5P, IFCC 37 degree			
SGPT	55.0	U/L	< 52
Method : Serum, UV with P5P, IFCC 37 degree			
Alkaline Phosphatase	125.0	U/L	38 - 126
Method : PNPP-AMP Buffer/Kinetic			
GGT-Gamma Glutamyl Transpeptidase	31.033	U/L	< 43
Method : Serum, G-glutamyl-carboxy-nitroanilide			

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PAP SMEAR (F)

CASE NO.	CP -68/23
SPECIMEN	02 PAP Smears
DIAGNOSIS	Negative for Intraepithelial Lesion / Malignancy - Inflammatory smear

MICROSCOPIC EXAMINATION

SPECIMEN ADEQUACY	Adequate and satisfactory; endocervical / transformation zone component not seen
Superficial cells	Present
Intermediate cells	Present
Deep parabasal/ Basal cells	Absent
Parabasal cells	Absent
Metaplastic squamous cells	Present, few in number
Endocervical cells	Absent
Inflammation	Present, moderate
<u>ORGANISMS</u>	
Doderlein bacilli	Present
Trichomonas Vaginitis	Absent
Fungal organisms	Absent
EPITHELIAL CELL ABNORMALITIES	Absent

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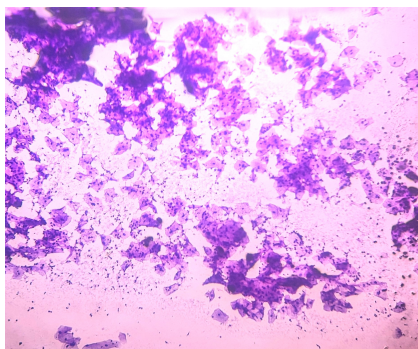
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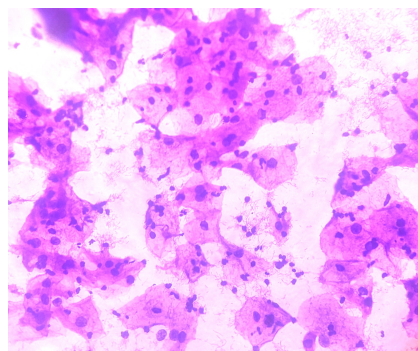
Squamous Cells

Smears studied show an adequately cellular smear composed of sheets and singly scattered intermediate cells and superficial cells admixed with rare metaplastic squamous cells in a background of mixed inflammatory cells containing neutrophils and lymphocytes admixed with plenty of lactobacilli. Few squamous cells show features of reactive atypia. No significant features of intraepithelial lesion noted in the received smears.

LOW POWER (20x)



HIGH POWER (40x)



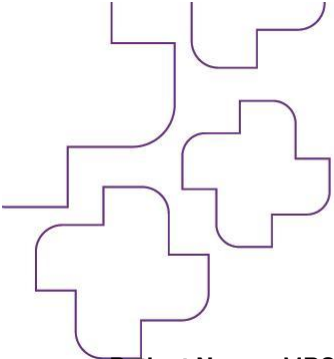
Medical Remark :

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Impression: Negative for Intraepithelial Lesion / Malignancy - Inflammatory smear

Note :

"Cervical cytology is a screening test and has associated false negative and false positive results. Regular sampling and follow up is recommended".

Processing Method : Conventional smear. Staining : Hematoxylin and eosin method

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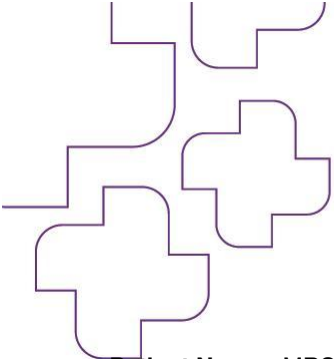
Test Description	Value(s)	Unit(s)	Reference Range
<u>GLUCOSE (F)</u>			
Glucose fasting Method : GOD-POD	239.0	mg/dL	70 - 120

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<u>GLUCOSE (PP)</u>			
Blood Glucose-Post Prandial Method : GOD-POD	370.0	mg/dL	80- 140


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