

11236559

MRS SHIKHA YADAV

8/19/2023 1:19:53 PM

43 Years

Female

Rate 65 . Sinus rhythm.....normal P axis, V-rate 50- 99  
 . Abnormal R-wave progression, early transition.....QRS area>0 in V2  
 PR 138 . Minimal ST elevation, anterior leads.....ST >0.10mV, V1-V4  
 QRSD 91 . Baseline wander in lead(s) I,II,aVR,aVL,aVF  
 QT 405  
 QTc 422

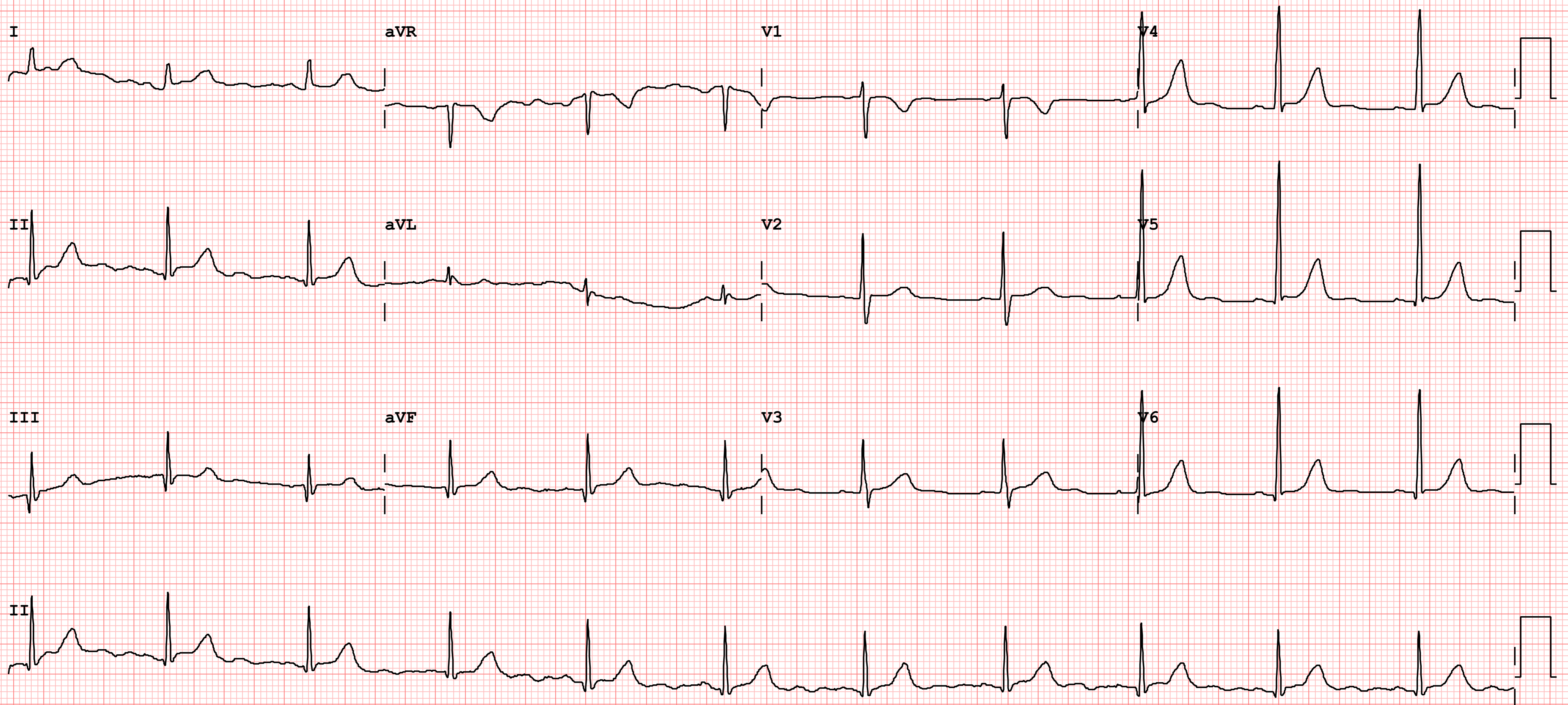
--AXIS--

P 1  
 QRS 29  
 T 55

- OTHERWISE NORMAL ECG -

12 Lead; Standard Placement

Unconfirmed Diagnosis



# Human Care Medical Charitable Trust

Registered Office: Sector-6, Dwarka, New Delhi 110 075

## Department Of Laboratory Medicine

**Name** : MRS SHIKHA YADAV **Age** : 43 Yr(s) Sex :Female  
**Registration No** : MH011236559 **Lab No** : 32230807163  
**Patient Episode** : H03000055712 **Collection Date** : 19 Aug 2023 11:02  
**Referred By** : HEALTH CHECK MHD **Reporting Date** : 19 Aug 2023 13:38  
**Receiving Date** : 19 Aug 2023 11:37

## BIOCHEMISTRY

### THYROID PROFILE, Serum

Specimen Type : Serum

<b>T3 - Triiodothyronine (ECLIA)</b>	<b>0.78</b>	<b>ng/ml</b>	<b>[0.80-2.04]</b>
<b>T4 - Thyroxine (ECLIA)</b>	<b>5.04</b>	<b>µg/dl</b>	<b>[5.50-11.00]</b>
Thyroid Stimulating Hormone (ECLIA)	1.570	µIU/mL	[0.340-4.250]

1st Trimester:0.6 - 3.4 micIU/mL  
2nd Trimester:0.37 - 3.6 micIU/mL  
3rd Trimester:0.38 - 4.04 micIU/mL

Note : TSH levels are subject to circadian variation, reaching peak levels between 2-4.a.m.and at a minimum between 6-10 pm.Factors such as change of seasons hormonal fluctuations,Ca or Fe supplements,high fibre diet,stress and illness affect TSH results.

\* References ranges recommended by the American Thyroid Association

- 1) Thyroid. 2011 Oct;21(10):1081-125.PMID .21787128
- 2) <http://www.thyroid-info.com/articles/tsh-fluctuating.html>

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### BIOCHEMISTRY

#### Lipid Profile (Serum)

TOTAL CHOLESTEROL (CHOD/POD)	171	mg/dl	[<200] Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/POD)	80	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
HDL - CHOLESTEROL (Direct) Methodology: Homogenous Enzymatic	58	mg/dl	[30-60]
VLDL - Cholesterol (Calculated)	16	mg/dl	[10-40]
(CALCULATED) LDL- CHOLESTEROL	97	mg/dl	[<100] Near/Above optimal-100-129 Borderline High:130-159 High Risk:160-189
T.Chol/HDL.Chol ratio	2.9		<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio	1.7		<3 Optimal 3-4 Borderline >6 High Risk

Note:  
Reference ranges based on ATP III Classifications.  
Recommended to do fasting Lipid Profile after a minimum of 8 hours of overnight fasting.

Technical Notes:  
Lipid profile is a panel of blood tests that serves as initial broad medical screening tool for abnormalities in lipids, the results of these tests can identify certain genetic

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### BIOCHEMISTRY

diseases and determine approximate risks for cardiovascular disease, certain forms of pancreatitis and other diseases.

Test Name	Result	Unit	Biological Ref. Interval
<b>LIVER FUNCTION TEST (Serum)</b>			
BILIRUBIN-TOTAL (Diazonium Ion)	0.32	mg/dl	[0.10-1.20]
BILIRUBIN - DIRECT (Diazotization)	0.14	mg/dl	[0.00-0.30]
<b>BILIRUBIN - INDIRECT (Calculated)</b>	<b>0.18</b>	<b>mg/dl</b>	<b>[0.20-1.00]</b>
SGOT/ AST (UV without P5P)	13.20	IU/L	[10.00-35.00]
SGPT/ ALT (UV without P5P)	8.90	IU/L	[0.00-33.00]
ALP (p-NPP,kinetic)*	76	IU/L	[37-98]
TOTAL PROTEIN (Biuret)	7.5	g/dl	[6.0-8.2]
SERUM ALBUMIN (BCG-dye)	4.5	g/dl	[3.5-5.2]
SERUM GLOBULIN (Calculated)	3.0	g/dl	[1.8-3.4]
ALB/GLOB (A/G) Ratio(Calculated)	1.50		[1.10-1.80]

#### Technical Notes:

Liver function test aids in diagnosis of various pre hepatic, hepatic and post hepatic causes of dysfunction like hemolytic anemia's, viral and alcoholic hepatitis and cholestasis of obstructive causes.

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### BIOCHEMISTRY

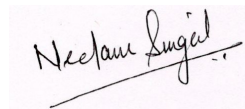
Test Name	Result	Unit	Biological Ref. Interval
<b>KIDNEY PROFILE (Serum)</b>			
BUN (Urease/GLDH)	8.00	mg/dl	[6.00-20.00]
SERUM CREATININE (Jaffe's method)	0.75	mg/dl	[0.60-1.40]
SERUM URIC ACID (Uricase)	3.0	mg/dl	[2.6-6.0]
SERUM CALCIUM (NM-BAPTA)	9.8	mg/dl	[8.0-10.5]
SERUM PHOSPHORUS (Molybdate, UV)	3.3	mg/dl	[2.5-4.5]
SERUM SODIUM (ISE)	141.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.59	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE Indirect)	104.9	mmol/L	[95.0-105.0]
eGFR	97.9	ml/min/1.73sq.m	[>60.0]

#### Technical Note

eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to 1.73 sq.m BSA and is not applicable to individuals below 18 years. eGFR tends to be less accurate when Serum Creatinine estimation is indeterminate e.g. patients at extremes of muscle mass, on unusual diets etc. and samples with severe Hemolysis / Icterus / Lipemia.

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-----END OF REPORT-----



**Dr. Neelam Singal**  
**CONSULTANT BIOCHEMISTRY**

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## Department Of Laboratory Medicine

**Name** : MRS SHIKHA YADAV **Age** : 43 Yr(s) Sex :Female  
**Registration No** : MH011236559 **Lab No** : 32230807164  
**Patient Episode** : H03000055712 **Collection Date** : 19 Aug 2023 15:05  
**Referred By** : HEALTH CHECK MHD **Reporting Date** : 19 Aug 2023 17:11  
**Receiving Date** : 19 Aug 2023 15:49

### BIOCHEMISTRY

Specimen Type : Plasma

#### PLASMA GLUCOSE - PP

Plasma GLUCOSE - PP (Hexokinase) 96 mg/dl [70-140]

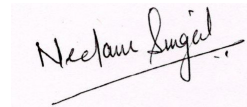
Note : Conditions which can lead to lower postprandial glucose levels as compared to fasting glucose are excessive insulin release, rapid gastric emptying, brisk glucose absorption , post exercise

Specimen Type : Serum/Plasma

Plasma GLUCOSE-Fasting (Hexokinase) 87 mg/dl [74-106]

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-----END OF REPORT-----



**Dr. Neelam Singal**  
**CONSULTANT BIOCHEMISTRY**

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## Department Of Laboratory Medicine

**Name** : MRS SHIKHA YADAV **Age** : 43 Yr(s) Sex :Female  
**Registration No** : MH011236559 **Lab No** : 33230804783  
**Patient Episode** : H03000055712 **Collection Date** : 19 Aug 2023 11:02  
**Referred By** : HEALTH CHECK MHD **Reporting Date** : 19 Aug 2023 15:05  
**Receiving Date** : 19 Aug 2023 11:44

### HAEMATOLOGY

#### ERYTHROCYTE SEDIMENTATION RATE (Automated) Specimen-Whole Blood

ESR 7.0 mm/1sthour [0.0-20.0]

#### Interpretation :

Erythrocyte sedimentation rate (ESR) is a non-specific phenomena and is clinically useful in the diagnosis and monitoring of disorders associated with an increased production of acute phase reactants (e.g. pyogenic infections, inflammation and malignancies). The ESR is increased in pregnancy from about the 3rd month and returns to normal by the 4th week postpartum.

ESR is influenced by age, sex, menstrual cycle and drugs (eg. corticosteroids, contraceptives).

It is especially low (0 -1mm) in polycythemia, hypofibrinogenemia or congestive cardiac failure and when there are abnormalities of the red cells such as poikilocytosis, spherocytosis or sickle cells.

Test Name	Result	Unit	Biological Ref. Interval
<b>COMPLETE BLOOD COUNT (EDTA Blood)</b>			
WBC Count (Flow cytometry)	6870	/cu.mm	[4000-10000]
RBC Count (Impedence)	4.55	million/cu.mm	[3.80-4.80]
Haemoglobin (SLS Method)	12.7	g/dL	[12.0-15.0]
Haematocrit (PCV) (RBC Pulse Height Detector Method)	36.8	%	[36.0-46.0]
<b>MCV (Calculated)</b>	<b>80.9</b>	<b>fL</b>	<b>[83.0-101.0]</b>
MCH (Calculated)	27.9	pg	[25.0-32.0]
MCHC (Calculated)	34.5	g/dL	[31.5-34.5]
Platelet Count (Impedence)	346000	/cu.mm	[150000-410000]
<b>RDW-CV (Calculated)</b>	<b>15.5</b>	<b>%</b>	<b>[11.6-14.0]</b>
<b>DIFFERENTIAL COUNT</b>			
Neutrophils (Flowcytometry)	49.0	%	[40.0-80.0]
Lymphocytes (Flowcytometry)	38.3	%	[20.0-40.0]

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**Referred By** : HEALTH CHECK MHD **Reporting Date** : 19 Aug 2023 12:50  
**Receiving Date** : 19 Aug 2023 11:44

### HAEMATOLOGY

Monocytes (Flowcytometry)	7.4	%	[2.0-10.0]
Eosinophils (Flowcytometry)	4.9	%	[1.0-6.0]
<b>Basophils (Flowcytometry)</b>	<b>0.4</b>	<b>%</b>	<b>[1.0-2.0]</b>
IG	0.00	%	
Neutrophil Absolute(Flourescence flow cytometry)	3.4	/cu mm	[2.0-7.0]x10 <sup>3</sup>
Lymphocyte Absolute(Flourescence flow cytometry)	2.6	/cu mm	[1.0-3.0]x10 <sup>3</sup>
Monocyte Absolute(Flourescence flow cytometry)	0.5	/cu mm	[0.2-1.2]x10 <sup>3</sup>
Eosinophil Absolute(Flourescence flow cytometry)	0.3	/cu mm	[0.0-0.5]x10 <sup>3</sup>
Basophil Absolute(Flourescence flow cytometry)	0.0	/cu mm	[0.0-0.1]x10 <sup>3</sup>

Complete Blood Count is used to evaluate wide range of health disorders, including anemia, infection, and leukemia. Abnormal increase or decrease in cell counts as revealed may indicate that an underlying medical condition that calls for further evaluation.

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-----END OF REPORT-----



**Dr. Priyanka Bhatia**  
**CONSULTANT PATHOLOGY**



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## Department Of Laboratory Medicine

**Name** : MRS SHIKHA YADAV **Age** : 43 Yr(s) Sex :Female  
**Registration No** : MH011236559 **Lab No** : 38230801452  
**Patient Episode** : H03000055712 **Collection Date** : 19 Aug 2023 11:02  
**Referred By** : HEALTH CHECK MHD **Reporting Date** : 19 Aug 2023 17:13  
**Receiving Date** : 19 Aug 2023 14:03

## CLINICAL PATHOLOGY

Test Name	Result	Biological Ref. Interval
<b>ROUTINE URINE ANALYSIS</b>		
<b>MACROSCOPIC DESCRIPTION</b>		
Colour (Visual)	PALE YELLOW	(Pale Yellow - Yellow)
Appearance (Visual)	CLEAR	
<b>CHEMICAL EXAMINATION</b>		
Reaction[pH] (Reflectancephotometry (Indicator Method))	5.0	(5.0-9.0)
Specific Gravity (Reflectancephotometry (Indicator Method))	1.010	(1.003-1.035)
Bilirubin	Negative	NEGATIVE
Protein/Albumin (Reflectance photometry (Indicator Method)/Manual SSA)	Negative	(NEGATIVE-TRACE)
Glucose (Reflectance photometry (GOD-POD/Benedict Method))	NOT DETECTED	(NEGATIVE)
Ketone Bodies (Reflectance photometry (Legal's Test)/Manual Rotheras)	NOT DETECTED	(NEGATIVE)
Urobilinogen Reflectance photometry/Diazonium salt reaction	NORMAL	(NORMAL)
Nitrite Reflectance photometry/Griess test	NEGATIVE	NEGATIVE
Leukocytes Reflectance photometry/Action of Esterase	NIL	NEGATIVE
BLOOD (Reflectance photometry (peroxidase))	NIL	NEGATIVE
<b>MICROSCOPIC EXAMINATION (Manual) Method: Light microscopy on centrifuged urine</b>		
WBC/Pus Cells	1-2 /hpf	(4-6)
Red Blood Cells	NIL	(1-2)
<b>Epithelial Cells</b>	<b>4-6 /hpf</b>	<b>(2-4)</b>
Casts	NIL	(NIL)
Crystals	NIL	(NIL)
Bacteria	NIL	
Yeast cells	NIL	

**Interpretation:**

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### CLINICAL PATHOLOGY

URINALYSIS--Routine urine analysis assists in screening and diagnosis of various metabolic , urological, kidney and liver disorders

**Protein:** Elevated proteins can be an early sign of kidney disease. Urinary protein excretion can also be temporarily elevated by strenuous exercise, orthostatic proteinuria, dehydration, urinary tract infections and acute illness with fever

**Glucose:** Uncontrolled diabetes mellitus can lead to presence of glucose in urine.

Other causes include pregnancy, hormonal disturbances, liver disease and certain medications.

**Ketones:** Uncontrolled diabetes mellitus can lead to presence of ketones in urine.

Ketones can also be seen in starvation, frequent vomiting, pregnancy and strenuous exercise.

**Blood:** Occult blood can occur in urine as intact erythrocytes or haemoglobin, which can occur in various urological, nephrological and bleeding disorders.

**Leukocytes:** An increase in leukocytes is an indication of inflammation in urinary tract or kidneys. Most Common cause is bacterial urinary tract infection.

**Nitrite:** Many bacteria give positive results when their number is high. Nitrite concentration during infection increases with length of time the urine specimen is retained in bladder prior to collection.

**pH:** The kidneys play an important role in maintaining acid base balance of the body. Conditions of the body producing acidosis/alkalosis or ingestion of certain type of food can affect the pH of urine.

**Specific gravity:** Specific gravity gives an indication of how concentrated the urine is. Increased Specific gravity is seen in conditions like dehydration, glycosuria and proteinuria while decrease

Specific gravity is seen in excessive fluid intake, renal failure and diabetes insipidus.

**Bilirubin:** In certain liver diseases such as biliary obstruction or hepatitis, bilirubin gets excreted in urine.

**Urobilinogen:** Positive results are seen in liver diseases like hepatitis and cirrhosis and in case of hemolytic anemia.

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-----END OF REPORT-----

**Dr. Asha Preethi V.S.**  
**CONSULTANT PATHOLOGY**



NAME	MRS Shikha YADAV	STUDY DATE	19/08/2023 12:01PM
AGE / SEX	43 y / F	HOSPITAL NO.	MH011236559
ACCESSION NO.	R5977432	MODALITY	US
REPORTED ON	19/08/2023 2:32PM	REFERRED BY	Health Check MHD

## USG WHOLE ABDOMEN

Results:

Liver is normal in size (~14.2 cm) and echopattern. No focal intra-hepatic lesion is detected. Intra-hepatic biliary radicals are not dilated. Portal vein is normal in calibre.

Gall bladder appears echofree with normal wall thickness. Common bile duct is normal in calibre.

Pancreas is normal in size and echopattern.

Spleen is normal in size ( ~8.0 cm )and echopattern.

Both kidneys are normal in position, size (RK ~ 9.8 x 4.7 cm and LK ~10.7 x 5.1 cm) and outline. Cortico-medullary differentiation of both kidneys is maintained. Central sinus echoes are compact. No focal lesion or calculus seen. Bilateral pelvicalyceal systems are not dilated.

Urinary bladder is normal in wall thickness with clear contents. No significant intra or extraluminal mass is seen.

Uterus is anteverted. It is normal in size ( ~7.8 x 6.6 x 4.1 cm ). Myometrial echogenicity appears uniform. Endometrium is central (7.7 mm).

Both ovaries are normal in size and echopattern.

Right ovary measures ~3.6 x 1.8 cm.

Left ovary measures ~3.3 x 1.9 cm.

No significant free fluid is detected.

## IMPRESSION:

- **No significant abnormality detected.**

Kindly correlate clinically



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# Human Care Medical Charitable Trust



Sector-6, Dwarka, New Delhi 110 075

GST: 07AAAAH3917LIZM

PAN NO: AAAAH3917L

NAME	MRS Shikha YADAV	STUDY DATE	19/08/2023 12:01PM
AGE / SEX	43 y / F	HOSPITAL NO.	MH011236559
ACCESSION NO.	R5977432	MODALITY	US
REPORTED ON	19/08/2023 2:32PM	REFERRED BY	Health Check MHD

Dr. Nipun Gumber MBBS, MD DMC No.90272

ASSOCIATE CONSULTANT

\*\*\*\*\*End Of Report\*\*\*\*\*



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# Human Care Medical Charitable Trust



Sector-6, Dwarka, New Delhi 110 075

GST: 07AAAAH3917LIZM

PAN NO: AAAAH3917L

NAME	MRS Shikha YADAV	STUDY DATE	19/08/2023 11:39AM
AGE / SEX	43 y / F	HOSPITAL NO.	MH011236559
ACCESSION NO.	R5977433	MODALITY	CR
REPORTED ON	19/08/2023 11:26AM	REFERRED BY	Health Check MHD

## X-RAY CHEST - PA VIEW

### Results:

Fibrotic opacities are seen in left upper zone.

Both hilar shadows appear normal.

Cardiothoracic ratio is within normal limits.

Both hemidiaphragmatic outlines appear normal.

Both costophrenic angles are clear.

Kindly correlate clinically.

Dr. Roly Srivastava MBBS, DNB DMC No.45626

CONSULTANT RADIOLOGIST

\*\*\*\*\*End Of Report\*\*\*\*\*



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