

NAME	Shivani SINGH	STUDY DATE	25-02-2023 15:08:41
AGE / SEX	034Yrs / F	HOSPITAL NO.	MH010806315
REFERRING DEPT	OPD	MODALITY/Procedure Description	CR /Xray chest PA (CXR)
REPORTED ON	27-02-2023 10:37:58	REFERRED BY	Dr. Health Check MHD

X-RAY CHEST - PA VIEW

Findings:

Visualized lung fields appear clear.

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

N.B. : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

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10806315

MRS. SHIVANI SINGH

2/25/2023 1:19:12 PM

34 Years

Female

Rate 65 . Sinus arrhythmia.....V-rate 51- 77, variation>10%

PR 129

QRSD 80

QT 417

QTc 434

--AXIS--

P 63

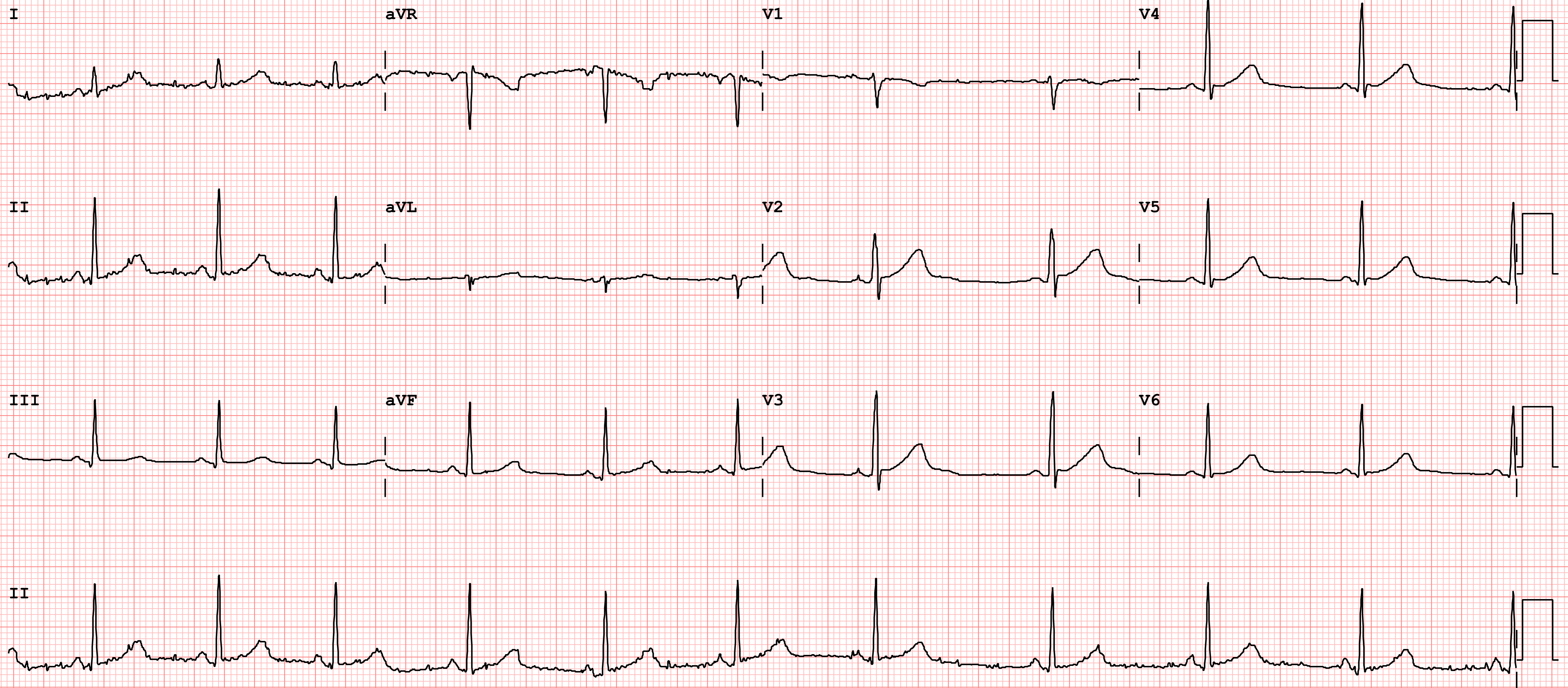
QRS 69

T 45

- OTHERWISE NORMAL ECG -

12 Lead; Standard Placement

Unconfirmed Diagnosis



Device:

Speed: 25 mm/sec

Limb: 10 mm/mV

Chest: 10.0 mm/mV

F 60~ 0.15-100 Hz

100B CL

P?

NAME	Shivani SINGH	STUDY DATE	25-02-2023 12:17:40
AGE / SEX	034Yrs / F	HOSPITAL NO.	MH010806315
REFERRING DEPT	OPD	MODALITY/Procedure Description	US /Echo-Cardiogram
REPORTED ON	25-02-2023 13:59:31	REFERRED BY	Dr. Health Check MHD

2D ECHOCARDIOGRAPHY REPORT

Findings:

	End diastole	End systole
IVS thickness (cm)	1.0	1.3
Left Ventricular Dimension (cm)	4.0	2.2
Left Ventricular Posterior Wall thickness (cm)	0.9	1.2

Aortic Root Diameter (cm)	2.3
Left Atrial Dimension (cm)	2.8
Left Ventricular Ejection Fraction (%)	60 %

LEFT VENTRICLE	:	Normal in size. No RWMA. LVEF=60 %
RIGHT VENTRICLE	:	Normal in size. Normal RV function.
LEFT ATRIUM	:	Normal in size
RIGHT ATRIUM	:	Normal in size
MITRAL VALVE	:	Trace MR.
AORTIC VALVE	:	Normal
TRICUSPID VALVE	:	Trace TR, PASP~ 22 mmHg
PULMONARY VALVE	:	Normal
MAIN PULMONARY ARTERY & ITS BRANCHES	:	Appears normal.

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REFERRING DEPT	OPD	MODALITY/Procedure Description	US /Echo-Cardiogram
REPORTED ON	25-02-2023 13:59:31	REFERRED BY	Dr. Health Check MHD

INTERATRIAL SEPTUM : Intact.

INTERVENTRICULAR SEPTUM : Intact.

PERICARDIUM : No pericardial effusion or thickening
DOPPLER STUDY

VALVE	Peak Velocity (cm/sec)	Maximum P.G. (mmHg)	Mean P. G. (mmHg)	Regurgitation	Stenosis
MITRAL	E= 109 A=62	-	-	Trace	Nil
AORTIC	129	-	-	Nil	Nil
TRICUSPID	-	N	N	Trace	Nil
PULMONARY	54	N	N	Nil	Nil

SUMMARY & INTERPRETATION:

- No LV regional wall motion abnormality with LVEF = 60%
- Normal sized RA/RV/LV/LA with no chamber hypertrophy. Normal RV function.
- Trace MR.
- Trace TR, PASP~ 22 mmHg
- Normal mitral inflow pattern.
- IVC normal in size, >50% collapse with inspiration, suggestive of normal RA pressure.
- No clot/vegetation/pericardial effusion.

Please correlate clinically.


DR. SARITA GULATI
 MD, DM
 SENIOR INTERVENTIONAL CARDIOLOGIST

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AGE / SEX	034Yrs / F	HOSPITAL NO.	MH010806315
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Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 31230201125
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 11:12
Referred By : HEALTH CHECK MHD **Reporting Date** : 25 Feb 2023 16:14
Receiving Date : 25 Feb 2023 12:23

Department of Transfusion Medicine (Blood Bank)

BLOOD GROUPING, RH TYPING & ANTIBODY SCREEN (TYPE & SCREEN)
Specimen-Blood

Blood Group & Rh Typing (Agglutination by gel/tube technique)

Blood Group & Rh typing AB Rh(D) Positive

Antibody Screening (Microtyping in gel cards using reagent red cells)

Cell Panel I NEGATIVE
Cell Panel II NEGATIVE
Cell Panel III NEGATIVE
Autocontrol NEGATIVE

Final Antibody Screen Result Negative

Technical Note:

ABO grouping and Rh typing is done by cell and serum grouping by microplate / gel technique. Antibody screening is done using a 3 cell panel of reagent red cells coated with Rh, Kell, Duffy, Kidd, Lewis, P, MNS, Lutheran and Xg antigens using gel technique.

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

Dr Himanshu Lamba



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Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 32230209730
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 11:12
Referred By : HEALTH CHECK MHD **Reporting Date** : 25 Feb 2023 16:13
Receiving Date : 25 Feb 2023 11:34

BIOCHEMISTRY

Glycosylated Hemoglobin

Specimen: EDTA Whole blood

HbA1c (Glycosylated Hemoglobin) 5.3

As per American Diabetes Association (ADA)
% [4.0-6.5] HbA1c in %
Non diabetic adults \geq 18years $<$ 5.7
Prediabetes (At Risk) 5.7-6.4
Diagnosing Diabetes \geq 6.5

Methodology (HPLC)

Estimated Average Glucose (eAG) 105 mg/dl

Comments : HbA1c provides an index of average blood glucose levels over the past 8-12 weeks and is a much better indicator of long term glycemic control.

Specimen Type : Serum

THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)	0.84	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	7.98	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	1.480	μ IU/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



Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 32230209730
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 11:12
Referred By : HEALTH CHECK MHD **Reporting Date** : 25 Feb 2023 12:48
Receiving Date : 25 Feb 2023 11:32

BIOCHEMISTRY

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>

Test Name	Result	Unit	Biological Ref. Interval
Lipid Profile (Serum)			
TOTAL CHOLESTEROL (CHOD/POD)	143	mg/dl	[<200] Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/POD)	84	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
HDL - CHOLESTEROL (Direct)	63 #	mg/dl	[30-60]
VLDL - Cholesterol (Calculated)	17	mg/dl	[10-40]
LDL- CHOLESTEROL	63	mg/dl	[<100] Near/Above optimal-100-129 Borderline High:130-159 High Risk:160-189
T.Chol/HDL.Chol ratio	2.3		<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio	1.0		<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.



Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 32230209730
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 11:12
Referred By : HEALTH CHECK MHD **Reporting Date** : 25 Feb 2023 12:37
Receiving Date : 25 Feb 2023 11:32

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
LIVER FUNCTION TEST (Serum)			
BILIRUBIN-TOTAL (mod.J Groff)**	0.51	mg/dl	[0.10-1.20]
BILIRUBIN - DIRECT (mod.J Groff)	0.20 #	mg/dl	[<0.2]
BILIRUBIN - INDIRECT (mod.J Groff)	0.31	mg/dl	[0.20-1.00]
SGOT/ AST (P5P,IFCC)	10.90	IU/L	[5.00-37.00]
SGPT/ ALT (P5P,IFCC)	9.20 #	IU/L	[10.00-50.00]
ALP (p-NPP,kinetic)*	63	IU/L	[37-98]
TOTAL PROTEIN (mod.Biuret)	7.7	g/dl	[6.0-8.2]
SERUM ALBUMIN (BCG-dye)	4.7	g/dl	[3.5-5.0]
SERUM GLOBULIN (Calculated)	3.0	g/dl	[1.8-3.4]
ALB/GLOB (A/G) Ratio	1.57		[1.10-1.80]

Note:

**NEW BORN:Vary according to age (days), body wt & gestation of baby

*New born: 4 times the adult value





Name : MRS SHIVANI SINGH Age : 34 Yr(s) Sex :Female
Registration No : MH010806315 Lab No : 32230209730
Patient Episode : H03000052439 Collection Date : 25 Feb 2023 11:12
Referred By : HEALTH CHECK MHD Reporting Date : 25 Feb 2023 12:35
Receiving Date : 25 Feb 2023 11:32

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
KIDNEY PROFILE (Serum)			
BUN (Urease/GLDH)	8.00	mg/dl	[8.00-23.00]
SERUM CREATININE (mod.Jaffe)	0.68	mg/dl	[0.60-1.40]
SERUM URIC ACID (mod.Uricase)	3.9	mg/dl	[2.6-6.0]
SERUM CALCIUM (NM-BAPTA)	9.8	mg/dl	[8.6-10.0]
SERUM PHOSPHORUS (Molybdate, UV)	3.3	mg/dl	[2.3-4.7]
SERUM SODIUM (ISE)	139.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.58	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE / IMT)	103.0	mmol/l	[95.0-105.0]
eGFR	114.5	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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Dr. Neelam Singal
CONSULTANT BIOCHEMISTRY



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Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 32230209731
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 16:09
Referred By : HEALTH CHECK MHD **Reporting Date** : 25 Feb 2023 21:53
Receiving Date : 25 Feb 2023 17:31

BIOCHEMISTRY

Specimen Type : Plasma

PLASMA GLUCOSE - PP

Plasma GLUCOSE - PP (Hexokinase) 122 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 [70-100]

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Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 33230206012
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 11:13
Referred By : HEALTH CHECK MHD **Reporting Date** : 25 Feb 2023 16:16
Receiving Date : 25 Feb 2023 11:35

HAEMATOLOGY

ERYTHROCYTE SEDIMENTATION RATE (Automated) Specimen-Whole Blood

ESR 8.0 /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
COMPLETE BLOOD COUNT (EDTA Blood)			
WBC Count (Flow cytometry)	7220	/cu.mm	[4000-10000]
RBC Count (Impedence)	4.34	million/cu.mm	[3.80-4.80]
Haemoglobin (SLS Method)	13.1	g/dL	[12.0-15.0]
Haematocrit (PCV) (RBC Pulse Height Detector Method)	41.9	%	[36.0-46.0]
MCV (Calculated)	96.5	fL	[83.0-101.0]
MCH (Calculated)	30.2	pg	[25.0-32.0]
MCHC (Calculated)	31.3 #	g/dL	[31.5-34.5]
Platelet Count (Impedence)	236000	/cu.mm	[150000-410000]
RDW-CV (Calculated)	13.9	%	[11.6-14.0]
DIFFERENTIAL COUNT			
Neutrophils (Flowcytometry)	62.7	%	[40.0-80.0]

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Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 33230206012
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 11:13
Referred By : HEALTH CHECK MHD **Reporting Date** : 25 Feb 2023 16:16
Receiving Date : 25 Feb 2023 11:35

HAEMATOLOGY

Lymphocytes (Flowcytometry)	27.8	%	[20.0-40.0]
Monocytes (Flowcytometry)	7.1	%	[2.0-10.0]
Eosinophils (Flowcytometry)	1.0	%	[1.0-6.0]
Basophils (Flowcytometry)	1.4	%	[1.0-2.0]
IG	0.30	%	
Neutrophil Absolute(Flourescence flow cytometry)	4.5	/cu mm	[2.0-7.0]x10 ³
Lymphocyte Absolute(Flourescence flow cytometry)	2.0	/cu mm	[1.0-3.0]x10 ³
Monocyte Absolute(Flourescence flow cytometry)	0.5	/cu mm	[0.2-1.2]x10 ³
Eosinophil Absolute(Flourescence flow cytometry)	0.1	/cu mm	[0.0-0.5]x10 ³
Basophil Absolute(Flourescence flow cytometry)	0.1	/cu mm	[0.0-0.1]x10 ³

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.

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

Dr. Priyanka Bhatia
CONSULTANT PATHOLOGY



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Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 38230201708
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 11:13
Referred By : HEALTH CHECK MHD **Reporting Date** : 25 Feb 2023 15:38
Receiving Date : 25 Feb 2023 11:51

CLINICAL PATHOLOGY

Test Name	Result	Biological Ref. Interval
ROUTINE URINE ANALYSIS		
MACROSCOPIC DESCRIPTION		
Colour (Visual)	PALE YELLOW	(Pale Yellow - Yellow)
Appearance (Visual)	CLEAR	
CHEMICAL EXAMINATION		
Reaction[pH] (Reflectancephotometry(Indicator Method))	7.0	(5.0-9.0)
Specific Gravity (Reflectancephotometry(Indicator Method))	1.005	(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
MICROSCOPIC EXAMINATION (Manual) Method: Light microscopy on centrifuged urine		
WBC/Pus Cells	1-2 /hpf	(4-6)
Red Blood Cells	NIL	(1-2)
Epithelial Cells	1-2 /hpf	(2-4)
Casts	NIL	(NIL)
Crystals	NIL	(NIL)
Bacteria	NIL	
Yeast cells	NIL	



Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 38230201708
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 11:13
Referred By : HEALTH CHECK MHD **Reporting Date** : 25 Feb 2023 15:38
Receiving Date : 25 Feb 2023 11:51

CLINICAL PATHOLOGY

Interpretation:

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 decreased 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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Name : MRS SHIVANI SINGH **Age** : 34 Yr(s) Sex :Female
Registration No : MH010806315 **Lab No** : 39230200219
Patient Episode : H03000052439 **Collection Date** : 25 Feb 2023 14:45
Referred By : HEALTH CHECK MHD **Reporting Date** : 28 Feb 2023 12:42
Receiving Date : 27 Feb 2023 15:37

CYTOPATHOLOGY

CYTOLOGY NUMBER: C-408/23

SPECIMEN TYPE: Conventional pap smear

SMEAR SITE: Ectocervix and Endocervix

CLINICAL HISTORY: P1L1, PS; Cervix healthy, Vaginal discharge present

REPORTING SYSTEM: Bethesda System for reporting Cervical Cytology

SPECIMEN ADEQUACY: Adequate

MICROSCOPY: Smears show superficial and intermediate squamous epithelial cells.
No trichomonas / fungal element identified

IMPRESSION: Negative for Intraepithelial lesion and Malignancy

Disclaimer: Gynaecological Cytology is a screening test that aids in the detection of cervical cancer precursors. Both false Positive & Negative results can occur. The test should be used at regular intervals & positive results should be confirmed before definitive therapy.

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IND18.6278/05/12/2018- 04/12/2019

NAME	Shivani SINGH	STUDY DATE	25-02-2023 13:53:38
AGE / SEX	034Yrs / F	HOSPITAL NO.	MH010806315
REFERRING DEPT	OPD	MODALITY/Procedure	US /Ultrasound abdomen n pelvis
REPORTED ON	25-02-2023 15:01:46	REFERRED BY	Dr. Health Check MHD

USG WHOLE ABDOMEN

Findings:

Liver is normal in size 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 and echopattern.

Right kidney is normal in position, size (107mm) and outline. Cortico-medullary differentiation is maintained. No focal lesion or calculus seen. Pelvicalyceal system is not dilated.

Left kidney is small in size (71mm), normal in position and outline. Cortico-medullary differentiation is maintained. No focal lesion or calculus seen. Pelvicalyceal system is not dilated.

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

Uterus is anteverted. Myometrial echogenicity appears uniform. Endometrium is central (5mm).

Both ovaries are normal in size and echopattern. Right ovary shows a cyst measuring 15.5mm –likely cyclical cyst.

No significant free fluid is detected.

Impression:

Small sized left kidney.

Adv: RFT correlation

Kindly correlate clinically

N.B. : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

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Dr.Pankaj Saini MD,DHA, DMC reg. no. 15796
Consultant Radiologist

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