

10741342

MANISH KHULLAR

1/28/2023 10:23:23 AM

31 Years

Male

Rate 71 . Sinus rhythm.....normal P axis, V-rate 50- 99
 . ST elev, probable normal early repol pattern.....ST elevation, age<55
 PR 164 . Baseline wander in lead(s) V2,V6
 QRSD 79
 QT 349
 QTc 380

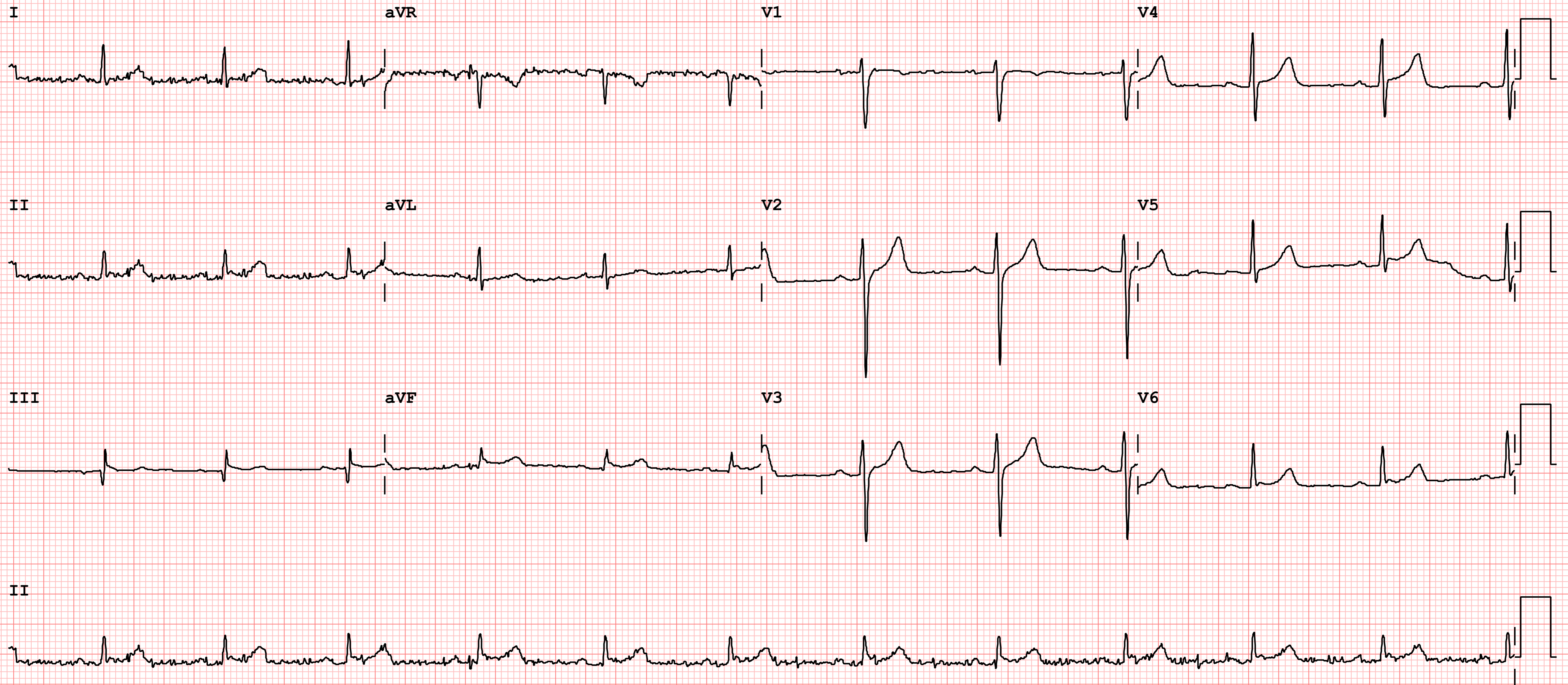
--AXIS--

P 28
 QRS 42
 T 40

- NORMAL ECG -

12 Lead; Standard Placement

Unconfirmed Diagnosis





Name : MR MANISH KHULLAR **Age** : 31 Yr(s) Sex :Male
Registration No : MH010741342 **Lab No** : 31230101031
Patient Episode : H03000051693 **Collection Date** : 28 Jan 2023 09:59
Referred By : HEALTH CHECK MHD **Reporting Date** : 28 Jan 2023 11:44
Receiving Date : 28 Jan 2023 10:36

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 B 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 : MR MANISH KHULLAR **Age** : 31 Yr(s) Sex :Male
Registration No : MH010741342 **Lab No** : 32230110140
Patient Episode : H03000051693 **Collection Date** : 28 Jan 2023 09:58
Referred By : HEALTH CHECK MHD **Reporting Date** : 28 Jan 2023 12:38
Receiving Date : 28 Jan 2023 10:25

BIOCHEMISTRY

Glycosylated Hemoglobin Specimen: EDTA Whole blood
HbA1c (Glycosylated Hemoglobin) 5.7 As per American Diabetes Association(ADA)
% [4.0-6.5]HbA1c in %
Non diabetic adults >= 18years <5.7
Prediabetes (At Risk)5.7-6.4
Diagnosing Diabetes >= 6.5
Methodology (HPLC)
Estimated Average Glucose (eAG) 117 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.

THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)	1.50	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	7.86	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	2.730	μIU/mL	[0.340-4.250]

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>



Name : MR MANISH KHULLAR Age : 31 Yr(s) Sex :Male
Registration No : MH010741342 Lab No : 32230110140
Patient Episode : H03000051693 Collection Date : 28 Jan 2023 09:58
Referred By : HEALTH CHECK MHD Reporting Date : 28 Jan 2023 11:35
Receiving Date : 28 Jan 2023 10:28

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
Lipid Profile (Serum)			
TOTAL CHOLESTEROL (CHOD/POD)	239 #	mg/dl	[<200] Moderate risk:200-239 High risk:>240
TRIGLYCERIDES (GPO/POD)	256 #	mg/dl	[<150] Borderline high:151-199 High: 200 - 499 Very high:>500
HDL - CHOLESTEROL (Direct)	55	mg/dl	[30-60]
VLDL - Cholesterol (Calculated)	51 #	mg/dl	[10-40]
LDL- CHOLESTEROL	133 #	mg/dl	[<100] Near/Above optimal-100-129 Borderline High:130-159 High Risk:160-189 4.0-5.0 Borderline >6 High Risk
T.Chol/HDL.Chol ratio	4.3		<4.0 Optimal 4.0-5.0 Borderline >6 High Risk
LDL.CHOL/HDL.CHOL Ratio	2.4		<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.



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Patient Episode : H03000051693 Collection Date : 28 Jan 2023 09:58
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Receiving Date : 28 Jan 2023 10:28

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
LIVER FUNCTION TEST (Serum)			
BILIRUBIN-TOTAL (mod.J Groff)**	0.52	mg/dl	[0.10-1.20]
BILIRUBIN - DIRECT (mod.J Groff)	0.18	mg/dl	[<0.2]
BILIRUBIN - INDIRECT (mod.J Groff)	0.34	mg/dl	[0.20-1.00]
SGOT/ AST (P5P,IFCC)	33.30	IU/L	[5.00-37.00]
SGPT/ ALT (P5P,IFCC)	64.30 #	IU/L	[10.00-50.00]
ALP (p-NPP,kinetic)*	115	IU/L	[45-135]
TOTAL PROTEIN (mod.Biuret)	7.2	g/dl	[6.0-8.2]
SERUM ALBUMIN (BCG-dye)	5.1 #	g/dl	[3.5-5.0]
SERUM GLOBULIN (Calculated)	2.1	g/dl	[1.8-3.4]
ALB/GLOB (A/G) Ratio	2.43 #		[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 : MR MANISH KHULLAR **Age** : 31 Yr(s) Sex :Male
Registration No : MH010741342 **Lab No** : 32230110140
Patient Episode : H03000051693 **Collection Date** : 28 Jan 2023 09:58
Referred By : HEALTH CHECK MHD **Reporting Date** : 28 Jan 2023 11:29
Receiving Date : 28 Jan 2023 10:28

BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
KIDNEY PROFILE (Serum)			
BUN (Urease/GLDH)	17.00	mg/dl	[8.00-23.00]
SERUM CREATININE (mod.Jaffe)	0.85	mg/dl	[0.80-1.60]
SERUM URIC ACID (mod.Uricase)	7.0	mg/dl	[3.5-7.2]
SERUM CALCIUM (NM-BAPTA)	9.6	mg/dl	[8.6-10.0]
SERUM PHOSPHORUS (Molybdate, UV)	3.4	mg/dl	[2.3-4.7]
SERUM SODIUM (ISE)	138.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.63	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE / IMT)	98.6	mmol/l	[95.0-105.0]
eGFR	116.1	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.

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

Dr. Neelam Singal
CONSULTANT BIOCHEMISTRY



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Name : MR MANISH KHULLAR **Age** : 31 Yr(s) Sex :Male
Registration No : MH010741342 **Lab No** : 32230110141
Patient Episode : H03000051693 **Collection Date** : 28 Jan 2023 13:21
Referred By : HEALTH CHECK MHD **Reporting Date** : 28 Jan 2023 15:53
Receiving Date : 28 Jan 2023 13:45

BIOCHEMISTRY

PLASMA GLUCOSE - PP

Plasma GLUCOSE - PP (Hexokinase) 126 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

Plasma GLUCOSE-Fasting (Hexokinase) 97 mg/dl [70-100]

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Name : MR MANISH KHULLAR **Age** : 31 Yr(s) Sex : Male
Registration No : MH010741342 **Lab No** : 33230106342
Patient Episode : H03000051693 **Collection Date** : 28 Jan 2023 10:00
Referred By : HEALTH CHECK MHD **Reporting Date** : 28 Jan 2023 12:36
Receiving Date : 28 Jan 2023 10:26

HAEMATOLOGY

ERYTHROCYTE SEDIMENTATION RATE (Automated) Specimen-Whole Blood

ESR 6.0 /1sthour [0.0-10.0]

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)	6000	/cu.mm	[4000-10000]
RBC Count (Impedence)	5.50	million/cu.mm	[4.50-5.50]
Haemoglobin (SLS Method)	16.9	g/dL	[13.0-17.0]
Haematocrit (PCV) (RBC Pulse Height Detector Method)	49.2	%	[40.0-50.0]
MCV (Calculated)	89.5	fL	[83.0-101.0]
MCH (Calculated)	30.7	pg	[25.0-32.0]
MCHC (Calculated)	34.3	g/dL	[31.5-34.5]
Platelet Count (Impedence)	246000	/cu.mm	[150000-410000]
RDW-CV (Calculated)	13.1	%	[11.6-14.0]
DIFFERENTIAL COUNT			
Neutrophils (Flowcytometry)	68.0	%	[40.0-80.0]

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Name : MR MANISH KHULLAR **Age** : 31 Yr(s) Sex :Male
Registration No : MH010741342 **Lab No** : 33230106342
Patient Episode : H03000051693 **Collection Date** : 28 Jan 2023 10:00
Referred By : HEALTH CHECK MHD **Reporting Date** : 28 Jan 2023 12:25
Receiving Date : 28 Jan 2023 10:26

HAEMATOLOGY

Lymphocytes (Flowcytometry)	20.7	%	[20.0-40.0]
Monocytes (Flowcytometry)	9.7	%	[2.0-10.0]
Eosinophils (Flowcytometry)	1.3	%	[1.0-6.0]
Basophils (Flowcytometry)	0.3 #	%	[1.0-2.0]
IG	0.30	%	

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.Lakshita singh



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Name	: MR MANISH KHULLAR	Age	: 31 Yr(s) Sex :Male
Registration No	: MH010741342	Lab No	: 38230101665
Patient Episode	: H03000051693	Collection Date	: 28 Jan 2023 09:59
Referred By	: HEALTH CHECK MHD	Reporting Date	: 28 Jan 2023 15:27
Receiving Date	: 28 Jan 2023 14:46		

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	NEGATIVE	NEGATIVE
Reflectance photometry/Griess test		
Leukocytes	NIL	NEGATIVE
Reflectance photometry/Action of Esterase		
BLOOD (Reflectance photometry(peroxidase))	NIL	NEGATIVE
MICROSCOPIC EXAMINATION (Manual) Method: Light microscopy on centrifuged urine		
WBC/Pus Cells	0-1 /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 : MR MANISH KHULLAR **Age** : 31 Yr(s) Sex :Male
Registration No : MH010741342 **Lab No** : 38230101665
Patient Episode : H03000051693 **Collection Date** : 28 Jan 2023 09:59
Referred By : HEALTH CHECK MHD **Reporting Date** : 28 Jan 2023 15:27
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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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-----END OF REPORT-----

Dr.Lakshita singh



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Name: **MANISH KHULLAR**

Hospital No: MH010741342

Age: 32 Sex: M

Episode No: H03000051693

Doctor: Health Check MHD

Result Date: 28 Jan 2023 17:23

Order: Tread Mill Test

EXERCISE STRESS TEST REPORT (TMT)

Findings:

Baseline ECG NSR with early repolarization changes seen in II, III and aVF

Premedications Nil

Protocol	Bruce	MPHR	189
Duration of exercise	09 Minutes 27 sec	85% OF MPHR	160
Reason for termination	THR achieved	METS	11.50
Peak achieved	169	%of MPHR achieved	89%

Stage	Time	Heart rate (bpm)	BP (mmHg)	ECG(ST/T changes/arrhythmia)	Symptom
Control	0.00	94	122/83	NSR with early repolarization changes seen in II, III and aVF	Nil
Stage I	3.00	107	130/90	No ST-T changes	Nil
Stage II	3.00	123	130/90	No ST-T changes	Nil
Stage III	3.00	150	140/90	No ST-T changes	Nil
Stage III	0.27	169	140/90	No ST-T changes	Nil
Recovery	3.00	106	130/90	No ST-T changes	Nil

Result:

- Normal heart rate and BP response
- No significant ST-T changes were seen during exercise during exercise or recovery period.
- No symptomatic of angina/ chest pain during the test
- No significant arrhythmia during the test

FINAL IMPRESSION.

- Exercise stress test is **Negative** for reversible myocardial Ischemia.
- Good effort tolerance.

Name: **MANISH KHULLAR**

Hospital No: MH010741342

Age: 32 Sex: M

Episode No: H03000051693

Doctor: Health Check MHD

Result Date: 28 Jan 2023 17:23

Order: Tread Mill Test



DR. SAMANJOY MUKHERJEE
MD, DM
CONSULTANT CARDIOLOGIST

DR. (MAJ) J S KHATRI
MBBS, PGDCC, FNIC
SPECIALIST (NON-INVASIVE CARDIOLOGY)

Dr Samanjoy Mukherjee
ASSOCIATE CONSULTANT

NAME	Manish KHULLAR	STUDY DATE	28-01-2023 11:28:56
AGE / SEX	032Yrs / M	HOSPITAL NO.	MH010741342
REFERRING DEPT	OPD	MODALITY/Procedure	US /Ultrasound abdomen n pelvis
REPORTED ON	28-01-2023 16:22:05	REFERRED BY	Dr. Health Check MHD

USG WHOLE ABDOMEN

Findings:

Liver is normal in size~13.5 cm and **shows grade I fatty changes**. 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 enlarged in size~12.4 cm.

Both kidneys are normal in position, size (RK ~9.6 cm and LK ~10.1 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.

Prostate is normal in shape and echopattern. It measures ~11.5 cc in volume.

No significant free fluid is detected.

Kindly correlate clinically.



**Dr. Divya Jain MBBS, DNB,
DMC/R/7955
Associate 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.

NAME	Manish KHULLAR	STUDY DATE	28-01-2023 11:28:56
AGE / SEX	032Yrs / M	HOSPITAL NO.	MH010741342
REFERRING DEPT	OPD	MODALITY/Procedure	US /Ultrasound abdomen n pelvis
REPORTED ON	28-01-2023 16:22:05	REFERRED BY	Dr. Health Check MHD

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.