# 004318203

# 60 Years

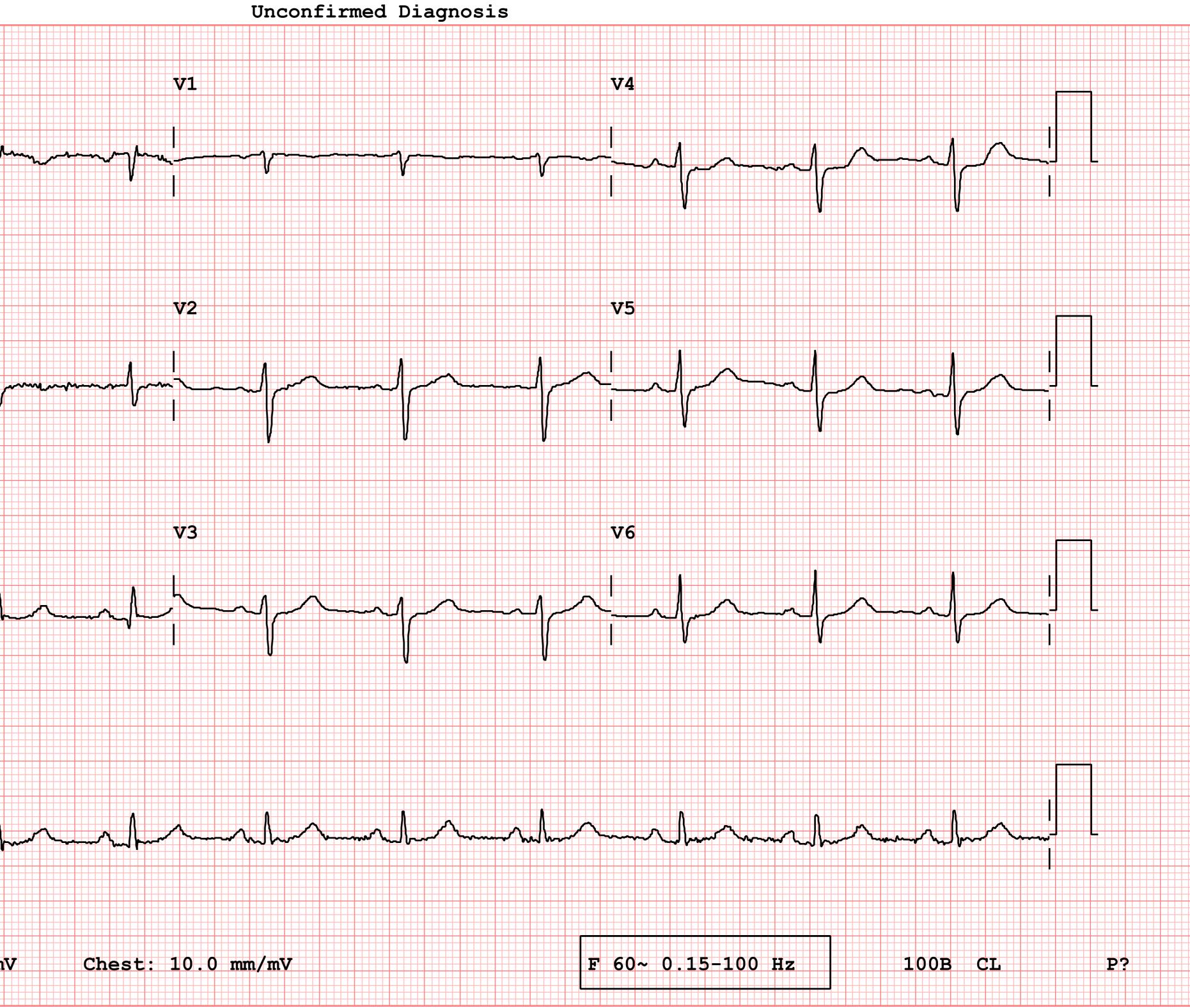
# MR UMESH CHUGH

Male

Rate	77 . Si	inus rhythm	••••••
PR	159		
QRSD	84		
QT	379		
QTC	429		
AXIS			
P	73		
QRS	61		
T	69		
12 Lead;	Standard	Placement	
		aVR	
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		aVL	
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.....normal P axis, V-rate 50-99







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Name	: MR UMESH CHUGH	Age :	60 Yr(s) Sex :Male
<b>Registration No</b>	: MH004318203	Lab No :	31230200417
Patient Episode	: H03000052022	<b>Collection Date :</b>	10 Feb 2023 08:53
Referred By Receiving Date	: HEALTH CHECK MHD : 10 Feb 2023 09:18	<b>Reporting Date :</b>	10 Feb 2023 11:15

#### Department of Transfusion Medicine (Blood Bank)

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

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

B Rh(D) Positive Blood Group & Rh typing

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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Dr Himanshu Lamba





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Name	:	MR UMESH CHUGH			Age	:	60 Yr(s) Sex :Male
<b>Registration No</b>	:	MH004318203			Lab No	:	32230203836
Patient Episode	:	H03000052022			<b>Collection Dat</b>	te:	10 Feb 2023 08:53
Referred By Receiving Date	: :	HEALTH CHECK MHD 10 Feb 2023 09:25			Reporting Dat	te :	10 Feb 2023 10:50
		В	IOCHEMIST	RY			
Glycosylated Hem	ogl	obin		Specim	nen: EDTA Wh	nole	blood
HbA1c (Glycosyla	ted	Hemoglobin)	5.7	% Non di Predia		.ts Risk	
Methodology		(HPLC)					
Estimated Avera	ge	Glucose (eAG)	117	mg	ʃ/dl		
	-	ovides an index of aver ks and is a much better	-	-			-
Specimen Type :	Ser	um					

#### THYROID PROFILE, Serum

T3 - Triiodothyronine (ECLIA)	1.08	ng/ml	[0.70-2.04]
T4 - Thyroxine (ECLIA)	7.23	micg/dl	[4.60-12.00]
Thyroid Stimulating Hormone (ECLIA)	1.360	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

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Name	: MR UMESH CHUGH	Age :	60 Yr(s) Sex :Male
<b>Registration No</b>	: MH004318203	Lab No :	32230203836
Patient Episode	: H03000052022	Collection Date :	10 Feb 2023 08:53
Referred By Receiving Date	: HEALTH CHECK MHD : 10 Feb 2023 09:22	<b>Reporting Date :</b>	10 Feb 2023 10:54

### BIOCHEMISTRY

2) http://www.thyroid-info.com/articles/tsh-fluctuating.html

Test Name	Result	Unit	Biological Ref. Interval
Lipid Profile (Serum)			
TOTAL CHOLESTEROL (CHOD/POD)	190	mg/dl	[<200]
			Moderate risk:200-239
TRIGLYCERIDES (GPO/POD)	91	mg/dl	High risk:>240 [<150]
	51	mg/ ar	Borderline high:151-199
			High: 200 - 499
			Very high:>500
HDL - CHOLESTEROL (Direct)	49	mg/dl	[30-60]
VLDL - Cholesterol (Calculated)	18	mg/dl	[10-40]
LDL- CHOLESTEROL	123 #	mg/dl	[<100]
			Near/Above optimal-100-129
			Borderline High:130-159
			High Risk:160-189
T.Chol/HDL.Chol ratio	3.9		<4.0 Optimal
			4.0-5.0 Borderline
			>6 High Risk
LDL.CHOL/HDL.CHOL Ratio	2.5		<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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Name	: MR UMESH CHUGH	Age :	60 Yr(s) Sex :Male
<b>Registration No</b>	: MH004318203	Lab No :	32230203836
Patient Episode	: H03000052022	<b>Collection Date :</b>	10 Feb 2023 08:53
Referred By Receiving Date	: HEALTH CHECK MHD : 10 Feb 2023 09:22	<b>Reporting Date :</b>	10 Feb 2023 10:51

### BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
LIVER FUNCTION TEST (Serum)			
BILIRUBIN-TOTAL (mod.J Groff)**	0.69	mg/dl	[0.10-1.20]
<b>BILIRUBIN - DIRECT (mod.J Groff)</b> BILIRUBIN - INDIRECT (mod.J Groff)	<b>0.26 #</b> 0.43	<b>mg/dl</b> mg/dl	[<0.2] [0.20-1.00]
SGOT/ AST (P5P,IFCC)	18.60	IU/L	[5.00-37.00]
SGPT/ ALT (P5P,IFCC)	24.70	IU/L	[10.00-50.00]
ALP (p-NPP,kinetic)*	68	IU/L	[45-135]
TOTAL PROTEIN (mod.Biuret)	7.2	g/dl	[6.0-8.2]
SERUM ALBUMIN (BCG-dye)	4.5	g/dl	[3.5-5.0]
SERUM GLOBULIN (Calculated)	2.7	g/dl	[1.8-3.4]
ALB/GLOB (A/G) Ratio	1.67		[1.10-1.80]

#### Note:

\*\*NEW BORN:Vary according to age (days), body wt & gestation of baby \*New born: 4 times the adult value

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Name	: MR UMESH CHUGH	Age : 60 Yr(s) Sex :Male
<b>Registration No</b>	: MH004318203	Lab No : 32230203836
Patient Episode	: H03000052022	<b>Collection Date :</b> 10 Feb 2023 08:53
Referred By Receiving Date	<ul><li>HEALTH CHECK MHD</li><li>10 Feb 2023 09:22</li></ul>	<b>Reporting Date :</b> 10 Feb 2023 10:50

### BIOCHEMISTRY

Test Name	Result	Unit E	Biological Ref. Interval
KIDNEY PROFILE (Serum)			
BUN (Urease/GLDH)	12.00	mg/dl	[8.00-23.00]
SERUM CREATININE (mod.Jaffe)	1.04	mg/dl	[0.80-1.60]
SERUM URIC ACID (mod.Uricase)	5.7	mg/dl	[3.5-7.2]
SERUM CALCIUM (NM-BAPTA)	9.4	mg/dl	[8.6-10.0]
SERUM PHOSPHORUS (Molybdate, UV)	3.1	mg/dl	[2.3-4.7]
SERUM SODIUM (ISE)	136.0	mmol/l	[134.0-145.0]
SERUM POTASSIUM (ISE)	4.26	mmol/l	[3.50-5.20]
SERUM CHLORIDE (ISE / IMT)	100.6	mmol/l	[95.0-105.0]
eGFR	77.7	ml/min/1.73sc	[.m [>60.0]
Technical Note			

eGFR which is primarily based on Serum Creatinine is a derivation of CKD-EPI 2009 equation normalized to1.73 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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Name	: MR UMESH CHUGH	Age :	60 Yr(s) Sex :Male
<b>Registration No</b>	: MH004318203	Lab No :	32230203836
Patient Episode	: H03000052022	Collection Date :	10 Feb 2023 08:53
Referred By Receiving Date	<ul><li>: HEALTH CHECK MHD</li><li>: 10 Feb 2023 09:22</li></ul>	<b>Reporting Date :</b>	10 Feb 2023 10:54

#### BIOCHEMISTRY

Test Name	Result	Unit	Biological Ref. Interval
TOTAL PSA, Serum (ECLIA)	0.756	ng/mL	[<4.500]

Note : PSA is a glycoprotein that is produced by the prostate gland. Normally, very little PSA is secreted in the blood. Increases in glandular size and tissue damage caused by BPH, prostatitis, or prostate cancer may increase circulating PSA levels.

Caution : Serum markers are not specific for malignancy, and values may vary by method.

Immediate PSA testing following digital rectal examination, ejaculation, prostate massage urethral instrumentation, prostate biopsy may increase PSA levels.

Some patients who have been exposed to animal antigens, may have circulating anti-animal antibodies present. These antibodies may interfere with the assay reagents to produce unreliable results.

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Neelan Su

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY





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Name	:	MR UMESH CHUGH	Age	:	60 Yr(s) Sex :Male
<b>Registration No</b>	:	MH004318203	Lab No	:	32230203837
Patient Episode	:	H03000052022	Collection Dat	te :	10 Feb 2023 12:50
Referred By Receiving Date	: :	HEALTH CHECK MHD 10 Feb 2023 13:27	Reporting Dat	te :	10 Feb 2023 14:23

#### BIOCHEMISTRY

Specimen Type : Serum/Plasma PLASMA GLUCOSE - PP

Plasma GLU	ICOSE - PP	(Hexokinase)	125	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-Fast	ing (Hexokinase)	98	mg/dl	[70-100]
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-----END OF REPORT------

Neefam \$

Dr. Neelam Singal CONSULTANT BIOCHEMISTRY





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Name	: MR UMESH CHUGH	Age :	60 Yr(s) Sex :Male
<b>Registration No</b>	: MH004318203	Lab No :	33230202321
Patient Episode	: H03000052022	<b>Collection Date :</b>	10 Feb 2023 08:53
Referred By Receiving Date	<ul><li>: HEALTH CHECK MHD</li><li>: 10 Feb 2023 09:13</li></ul>	<b>Reporting Date :</b>	10 Feb 2023 11:05

#### HAEMATOLOGY

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

ESR			

7.0 /1sthour [0.0-12.0]

#### 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 Bio	ological Ref. Interval
COMPLETE BLOOD COUNT (EDTA Blood)			
WBC Count (Flow cytometry)	6110	/cu.mm	[4000-10000]
RBC Count (Impedence)	5.22	million/cu.mm	[4.50-5.50]
Haemoglobin (SLS Method)	15.7	g/dL	[13.0-17.0]
Haematocrit (PCV)	45.4	90	[40.0-50.0]
(RBC Pulse Height Detector Method)			
MCV (Calculated)	87.0	fL	[83.0-101.0]
MCH (Calculated)	30.1	pg	[25.0-32.0]
MCHC (Calculated)	34.6 #	g/dL	[31.5-34.5]
Platelet Count (Impedence)	305000	/cu.mm	[150000-410000]
RDW-CV (Calculated)	13.4	8	[11.6-14.0]
DIFFERENTIAL COUNT			
Neutrophils (Flowcytometry)	54.5	8	[40.0-80.0]



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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	: MR UMESH CHUGH	Age	:	60 Yr(s) Sex :Male
<b>Registration No</b>	: MH004318203	Lab No	:	33230202321
Patient Episode	: H03000052022	Collection Date	e :	10 Feb 2023 08:53
Referred By Receiving Date	: HEALTH CHECK MHD : 10 Feb 2023 09:13	Reporting Date	e :	10 Feb 2023 10:13
Tourish a such a s	HAEMATOLOGY	0		

Lymphocytes (Flowcytometry)	29.0	00	[20.0-40.0]
Monocytes (Flowcytometry)	8.7	00	[2.0-10.0]
Eosinophils (Flowcytometry)	7.5 #	90	[1.0-6.0]
Basophils (Flowcytometry)	0.3 #	90	[1.0-2.0]
IG	0.20	00	
		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.Lakshita singh** 





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Registered Office : Sector-6, Dwarka, New Delhi- 110075

Name	: MR UMESH CHUGH	Age :	60 Yr(s) Sex :Male
<b>Registration No</b>	: MH004318203	Lab No :	38230200604
Patient Episode	: H03000052022	Collection Date :	10 Feb 2023 08:53
Referred By Receiving Date	<ul><li>HEALTH CHECK MHD</li><li>10 Feb 2023 11:25</li></ul>	<b>Reporting Date :</b>	10 Feb 2023 13:29

### 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]	7.0	(5.0-9.0)
(Reflectancephotometry(Indicator Meth	od))	
Specific Gravity	1.005	(1.003-1.035)
(Reflectancephotometry(Indicator Meth	od))	
Bilirubin	Negative	NEGATIVE
Protein/Albumin	Negative	(NEGATIVE-TRACE)
(Reflectance photometry(Indicator Met)	hod)/Manual SSA)	
Glucose	NOT DETECTED	(NEGATIVE)
(Reflectance photometry (GOD-POD/Bene	dict Method))	
Ketone Bodies	NOT DETECTED	(NEGATIVE)
(Reflectance photometry(Legal's Test)	/Manual Rotheras)	
Urobilinogen	NORMAL	(NORMAL)
Reflactance photometry/Diazonium salt	reaction	
Nitrite	NEGATIVE	NEGATIVE
Reflactance photometry/Griess test		
Leukocytes	NIL	NEGATIVE
Reflactance photometry/Action of Este	rase	
BLOOD	NIL	NEGATIVE
(Reflectance photometry(peroxidase))		
MICROSCOPIC EXAMINATION (Manual) Manual	ethod: Light microscopy on	centrifuged urine
WBC/Pus Cells	1-2 /hpf	(4-6)
Red Blood Cells	NIL	(1-2)
Epithelial Cells	2-4 /hpf	(2-4)
Casts	NIL	(NIL)
Crystals	NIL	(NIL)
Bacteria	NIL	
Yeast cells	NIL	







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Name	: MR UMESH CHUGH	Age :	60 Yr(s) Sex :Male
<b>Registration No</b>	: MH004318203	Lab No :	38230200604
Patient Episode	: H03000052022	Collection Date :	10 Feb 2023 08:53
Referred By Receiving Date	: HEALTH CHECK MHD : 10 Feb 2023 11:25	<b>Reporting Date :</b>	10 Feb 2023 13:29

#### 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, urina 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 duri 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.

	END C	F REPORT			-
			Dr.Laksh	ita singh	
			)		ISO 5001 BUREAU VERITAS
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	nipalhospitals.com collection: +91 74				

NAME	UMESH CHUGH	STUDY DATE	10-02-2023 10:38:32
AGE / SEX	060Yrs / M	HOSPITAL NO.	MH004318203
REFERRING DEPT	OPD	MODALITY/Procedure	US /Ultrasound abdomen n pelvis
REPORTED ON	10-02-2023 13:50:16	REFERRED BY	Dr. Health Check MHD

# USG WHOLE ABDOMEN

# Findings:

Liver is normal in size (12.8cm) **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 normal in size and echopattern.

Both kidneys are normal in position, size and outline. Cortico-medullary differentiation of both kidneys is maintained. No focal lesion or calculus seen. Bilateral pelvicalyceal systems are not dilated.

# Ventral abdominal wall defect is seen in paraumbilical region measuring ~11x10mm with herniation of omentum.

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

Prostate is normal in size, shape and echopattern. It measures 17.5cc in volume.

No significant free fluid is detected.

### Impression:

- Grade I fatty liver.
- Paraumbilical hernia as described.

## Kindly correlate clinically

NAME	UMESH CHUGH	STUDY DATE	10-02-2023 10:38:32
AGE / SEX	060Yrs / M	HOSPITAL NO.	MH004318203
REFERRING DEPT	OPD	MODALITY/Procedure	US /Ultrasound abdomen n pelvis
REPORTED ON	10-02-2023 13:50:16	REFERRED BY	Dr. Health Check MHD

Dr. Abhinav Pratap Singh DNB, DMC Reg No. 58170 Associate Consultant, Dept. of Radiology & Imaging

NAME	UMESH CHUGH	STUDY DATE	10-02-2023 09:17:44
AGE / SEX	060Yrs / M	HOSPITAL NO.	MH004318203
REFERRING DEPT	OPD	MODALITY/Procedure	CR /Xray chest PA (CXR)
		Description	
REPORTED ON	10-02-2023 11:19:14	REFERRED BY	Dr. Health Check MHD

# X-RAY CHEST - PA VIEW

# Findings:

Visualised lung fields are clear.

Cardiac silhouette is unremarkable.

Bilateral hila, CP angles and hemidiaphragm are normal.

Bony cage is unremarkable.

Kindly correlate clinically.

Dr.Simran Singh DNB, FRCR(UK), DMC Reg. no. 36404 Consultant Radiologist

NAME	UMESH CHUGH	STUDY DATE	10-02-2023 09:17:44
AGE / SEX	060Yrs / M	HOSPITAL NO.	MH004318203
REFERRING DEPT	OPD	MODALITY/Procedure	CR /Xray chest PA (CXR)
		Description	
REPORTED ON	10-02-2023 11:19:14	REFERRED BY	Dr. Health Check MHD