

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Pankaj Kumar Suman MRN : 20110000014855 Gender/Age : MALE , 44y (01/03/1979)

Collected On : 11/03/2023 08:53 AM Received On : 11/03/2023 11:56 AM Reported On : 11/03/2023 12:29 PM

Barcode : 032303110112 Specimen : Urine Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Fasting) (Enzyme Method (GOD POD))	Not present	-

--End of Report--

Hema S

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

Note

- Abnormal results are highlighted.
- Results relate to the sample only.
- Kindly correlate clinically.



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Collected On : 11/03/2023 08:53 AM Received On : 11/03/2023 11:56 AM Reported On : 11/03/2023 12:48 PM

Barcode : 032303110112 Specimen : Urine Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY**PHYSICAL EXAMINATION**

Colour	STRAW	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

pH(Reaction) (pH Indicator Method)	5.0	-	4.5-7.5
Sp. Gravity (Refractive Index)	1.021	-	1.002 - 1.030
Protein (Automated Protein Error Or Ph Indicator)	Not Present	-	Not Present
Urine Glucose (Enzyme Method (GOD POD))	Not Present	-	Not Present
Ketone Bodies (Nitroprusside Method)	Not Present	-	Not Present
Bile Salts (Azo Coupling Method)	Not Present	-	Not Present
Bile Pigment (Bilirubin) (Azo Coupling Method)	Not Present	-	Not Present
Urobilinogen (Azo Coupling Method)	Normal	-	Normal
Urine Leucocyte Esterase (Measurement Of Leukocyte Esterase Activity)	Not Present	-	Not Present
Blood Urine (Peroxidase Reaction)	Not Present	-	Not Present
Nitrite (Gries Method)	Not Present	-	Not Present

MICROSCOPIC EXAMINATION

Pus Cells	0.1	/hpf	0-5
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Patient Name : Mr Pankaj Kumar Suman MRN : 20110000014855 Gender/Age : MALE , 44y (01/03/1979)

RBC	0.3	/hpf	0-4
Epithelial Cells	0.2	/hpf	0-6
Crystals	0.0	/hpf	0-2
Casts	0.02	/hpf	0-1
Bacteria	2.5	/hpf	0-200
Yeast Cells	0.0	/hpf	0-1
Mucus	Not Present	-	Not Present

--End of Report--

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Collected On : 11/03/2023 08:53 AM Received On : 11/03/2023 11:49 AM Reported On : 11/03/2023 02:41 PM

Barcode : 012303110767 Specimen : Serum Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Two Point Rate - Creatinine Aminohydrolase)	0.76	mg/dL	0.66-1.25
eGFR (Calculated)	111.5	mL/min/1.73m ²	Indicative of renal impairment < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.
Blood Urea Nitrogen (BUN) (Endpoint /Colorimetric – Urease)	11	mg/dL	9.0-20.0
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	5.0	mg/dL	3.5-8.5
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Colorimetric - Cholesterol Oxidase)	211 H	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
Triglycerides (Colorimetric - Lip/Glycerol Kinase)	106	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL Cholesterol (HDLC) (Colorimetric: Non HDL Precipitation Phosphotungstic Acid Method)	40	mg/dL	40.0-60.0
Non-HDL Cholesterol (Calculated)	171.0 H	mg/dL	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: => 220
LDL Cholesterol (Colorimetric)	151	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL Cholesterol (Calculated)	21.2	mg/dL	0.0-40.0

Patient Name : Mr Pankaj Kumar Suman MRN : 20110000014855 Gender/Age : MALE , 44y (01/03/1979)

Cholesterol /HDL Ratio (Calculated)	5.3 H	-	0.0-5.0
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Prostate Specific Antigen (PSA) (Enhanced Chemiluminescence)	0.337	ng/mL	0.0-2.5
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THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (Enhanced Chemiluminescence)	1.11	ng/mL	0.97-1.69
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Thyroxine (T4) (Enhanced Chemiluminescence)	6.12	µg/dl	5.53-11.0
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TSH (Thyroid Stimulating Hormone) (Enhanced Chemiluminescence)	1.838	µIU/mL	0.4-4.049
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LIVER FUNCTION TEST(LFT)

Bilirubin Total (Colorimetric -Diazo Method)	0.70	mg/dL	0.2-1.3
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Conjugated Bilirubin (Direct) (Dual Wavelength - Reflectance Spectrophotometry)	0.10	mg/dL	0.0-0.3
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Unconjugated Bilirubin (Indirect) (Calculated)	0.6	mg/dL	0.0-1.1
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Total Protein (Colorimetric - Biuret Method)	7.70	gm/dL	6.3-8.2
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Serum Albumin (Colorimetric - Bromo-Cresol Green)	4.30	gm/dL	3.5-5.0
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Serum Globulin (Calculated)	3.41	gm/dL	2.0-3.5
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Albumin To Globulin (A/G)Ratio (Calculated)	1.27	-	1.0-2.1
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SGOT (AST) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	39	U/L	17.0-59.0
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SGPT (ALT) (Multipoint-Rate With P-5-P (pyridoxal-5-phosphate))	42	U/L	<50.0
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Alkaline Phosphatase (ALP) (Multipoint-Rate - P-nitro Phenyl Phosphate, AMP Buffer)	82	U/L	38.0-126.0
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Gamma Glutamyl Transferase (GGT) (Multipoint Rate - L-glutamyl-p-nitroanilide (Szasz Method))	17	U/L	15.0-73.0
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Interpretation Notes

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Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin).
Indirect bilirubin result includes the delta bilirubin fraction also. Delta Bilirubin is the bilirubin which is covalently bound to albumin.
Delta Bilirubin is not expected to be present in healthy adults or neonates.

--End of Report--



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry



Mrs. Latha B S
MSc, Mphil, Biochemistry
Incharge, Consultant Biochemistry

Note

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- Kindly correlate clinically.

(Lipid Profile, -> Auto Authorized)

(, -> Auto Authorized)

(CR, -> Auto Authorized)

(LFT, -> Auto Authorized)

(Uric Acid, -> Auto Authorized)

(Blood Urea Nitrogen (Bun), -> Auto Authorized)

(Prostate Specific Antigen (Psa) -> Auto Authorized)



MC-2688



DEPARTMENT OF LABORATORY MEDICINE

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Collected On : 11/03/2023 08:53 AM Received On : 11/03/2023 11:49 AM Reported On : 11/03/2023 01:54 PM

Barcode : 022303110444 Specimen : Whole Blood - ESR Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

HEMATOLOGY

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR) (Westergren Method)	10	mm/1hr	0.0-10.0

Interpretation Notes

- ESR high - Infections, chronic disorders,, plasma cell dyscrasias.

DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert

--End of Report--

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MD, DNB, Pathology
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Patient Name : Mr Pankaj Kumar Suman MRN : 20110000014855 Gender/Age : MALE , 44y (01/03/1979)

Collected On : 11/03/2023 08:53 AM Received On : 11/03/2023 11:44 AM Reported On : 11/03/2023 12:22 PM

Barcode : 1B2303110021 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

NARAYANA HRUDAYALAYA BLOOD CENTRE

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group (Column Agglutination Technology)	O	-
RH Typing (Column Agglutination Technology)	Positive	-

--End of Report--

Dr. Prathip Kumar B R
MBBS,MD, Immunohaematology & Blood Transfusion
Consultant

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Patient Name : Mr Pankaj Kumar Suman MRN : 20110000014855 Gender/Age : MALE , 44y (01/03/1979)

Collected On : 11/03/2023 01:28 PM Received On : 11/03/2023 03:37 PM Reported On : 11/03/2023 03:54 PM

Barcode : 012303111756 Specimen : Plasma Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Colorimetric - Glucose Oxidase Peroxidase)	83	mg/dL	70 to 139 : Normal 140 to 199 : Pre-diabetes =>200 : Diabetes ADA standards 2020

--End of Report--



Dr. Anushre Prasad
MBBS,MD, Biochemistry
Consultant Biochemistry



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MSc, Mphil, Biochemistry
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(Post Prandial Blood Sugar (PPBS) -> Auto Authorized)



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Barcode : 032303110112 Specimen : Urine Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Fasting) (Enzyme Method (GOD POD))	Not present	-

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CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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URINE ROUTINE & MICROSCOPY**PHYSICAL EXAMINATION**

Colour	STRAW	-	-
Appearance	Clear	-	-

CHEMICAL EXAMINATION

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Ketone Bodies (Nitroprusside Method)	Not Present	-	Not Present
Bile Salts (Azo Coupling Method)	Not Present	-	Not Present
Bile Pigment (Bilirubin) (Azo Coupling Method)	Not Present	-	Not Present
Urobilinogen (Azo Coupling Method)	Normal	-	Normal
Urine Leucocyte Esterase (Measurement Of Leukocyte Esterase Activity)	Not Present	-	Not Present
Blood Urine (Peroxidase Reaction)	Not Present	-	Not Present
Nitrite (Gries Method)	Not Present	-	Not Present

MICROSCOPIC EXAMINATION

Pus Cells	0.1	/hpf	0-5
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RBC	0.3	/hpf	0-4
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Casts	0.02	/hpf	0-1
Bacteria	2.5	/hpf	0-200
Yeast Cells	0.0	/hpf	0-1
Mucus	Not Present	-	Not Present

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Patient Name : Mr Pankaj Kumar Suman MRN : 20110000014855 Gender/Age : MALE , 44y (01/03/1979)

Collected On : 11/03/2023 08:53 AM Received On : 11/03/2023 11:55 AM Reported On : 11/03/2023 12:53 PM

Barcode : 032303110113 Specimen : Stool Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
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STOOL ROUTINE EXAMINATION**PHYSICAL EXAMINATION**

Colour	Yellowish	-	-
Consistency	Semi Solid	-	-
Mucus	Present	-	-

CHEMICAL EXAMINATION

Stool For Occult Blood (Standard Guaiac Method)	Negative	-	-
Reaction	Alkaline	-	-

MICROSCOPE EXAMINATION

Ova	Not Seen	-	-
Cyst Of Protozoa	Not Seen	-	-
Pus Cells	5-6/hpf	/hpf	0-5

--End of Report--

Dr. Hema S
MD, DNB, Pathology
Associate Consultant

Patient Name : Mr Pankaj Kumar Suman MRN : 20110000014855 Gender/Age : MALE , 44y (01/03/1979)

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DEPARTMENT OF LABORATORY MEDICINE

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Patient Name : Mr Pankaj Kumar Suman MRN : 20110000014855 Gender/Age : MALE , 44y (01/03/1979)

Collected On : 11/03/2023 08:53 AM Received On : 11/03/2023 11:49 AM Reported On : 11/03/2023 12:17 PM

Barcode : 022303110445 Specimen : Whole Blood Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

HEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Photometric Measurement)	14.0	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	4.90	million/ μ l	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	42.3	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived)	86.3	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.7	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.2	%	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	15.1 H	%	11.6-14.0
Platelet Count (Electrical Impedance Plus Microscopy)	165	$10^3/\mu$ L	150.0-450.0
Note : Platelets count verified manually, Large/Giant platelets seen.			
Total Leucocyte Count(WBC) (Electrical Impedance)	7.0	$10^3/\mu$ L	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (VCS Technology Plus Microscopy)	63.7	%	40.0-75.0
Lymphocytes (VCS Technology Plus Microscopy)	22.2	%	20.0-40.0
Monocytes (VCS Technology Plus Microscopy)	8.3	%	2.0-10.0
Eosinophils (VCS Technology Plus Microscopy)	5.4	%	1.0-6.0

Patient Name : Mr Pankaj Kumar Suman MRN : 20110000014855 Gender/Age : MALE , 44y (01/03/1979)

Basophils (VCS Technology Plus Microscopy)	0.4	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	4.46	$\times 10^3$ cells/ μ l	2.0-7.0
Absolute Lymphocyte Count (Calculated)	1.55	$\times 10^3$ cells/ μ l	1.0-3.0
Absolute Monocyte Count (Calculated)	0.58	$\times 10^3$ cells/ μ l	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.38	$\times 10^3$ cells/ μ l	0.02-0.5
Absolute Basophil Count (Calculated)	0.03	-	-

As per the recommendation of International Council for Standardization in Hematology, the differential counts are additionally being reported as absolute numbers.

Interpretation Notes

- Haemoglobin , RBC Count and PCV: If below reference range, indicates Anemia. Further evaluation is suggested .

RBC Indices aid in typing of anemia.

WBC Count: If below reference range, susceptibility to infection.

If above reference range- Infection*

If very high in lakhs-Leukemia

Neutrophils -If above reference range-acute infection, mostly bacterial

Lymphocytes -If above reference range-chronic infection/ viral infection

Monocytes -If above reference range- TB,Typhoid,UTI

Eosinophils -If above reference range -Allergy,cough,Common cold,Asthma & worms

Basophils - If above reference range, Leukemia, allergy

Platelets: If below reference range- bleeding disorder, Dengue, drug- induced, malignancies

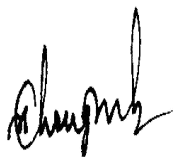
* In bacterial infection with fever total WBC count increases.

Eg Tonsillitis,Sinusitis,Bronchitis,Pneumonia,Appendicitis,UTI -12000-25000 cells/cumm.

In typhoid and viral fever WBC may be normal.

DISCLAIMER:All the laboratory findings should mandatorily interpreted in correlation with clinical findings by a medical expert.

--End of Report--



Dr. Sudarshan Chougule

MBBS, MD, Pathology

Consultant & Head - Hematology & Flow Cytometry

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Collected On : 11/03/2023 01:28 PM Received On : 11/03/2023 03:45 PM Reported On : 11/03/2023 04:17 PM

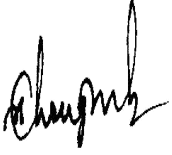
Barcode : 032303110336 Specimen : Urine Consultant : EXTERNAL(EXTERNAL)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 9611722294

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Post Prandial) (Enzyme Method (GOD POD))	Not Present	-

--End of Report--



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MBBS, MD, Pathology
Consultant & Head - Hematology & Flow Cytometry

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MILESTONES

VISUAL DEVELOPMENT CENTER

105, 7th main , Jayanagar 4th block, Near Maiyas Restaurant, Bengaluru- 560 011.

WWW.MILESTONESINSTITUTIONS.ORG | Ph: 080 2664 4448

Evaluation

11/03/23

Name : Pankaj Kumar Suman.

Age : 44yrs.

Gender : Male.

MRD No : 2011-14855

Chief Complaint : Came for Regular eye check up
do sometimes strain with glasses.

Ocular History

H/o using glasses X 20 years, last changed lens back

General History

No H/o systemic illness.

VISION

(Aided)

Distance:

Pinhole:

Near:

OD

6/6

OS

6/6

Objective Refraction:

EYE	Sph	Cyl	Axis
OD	-1.00DS	-1.50DC	70
OS	-1.75DS	-1.50DC	70

Subjective Refraction:

EYE	Sph	Cyl	Axis
OD	-0.75DS	-1.25DC	70
OS	-1.50DS	-1.50DC	70

Slit lamp Examination :

NV₁₁ < | NV₆
 ε Adel
 +1.25D

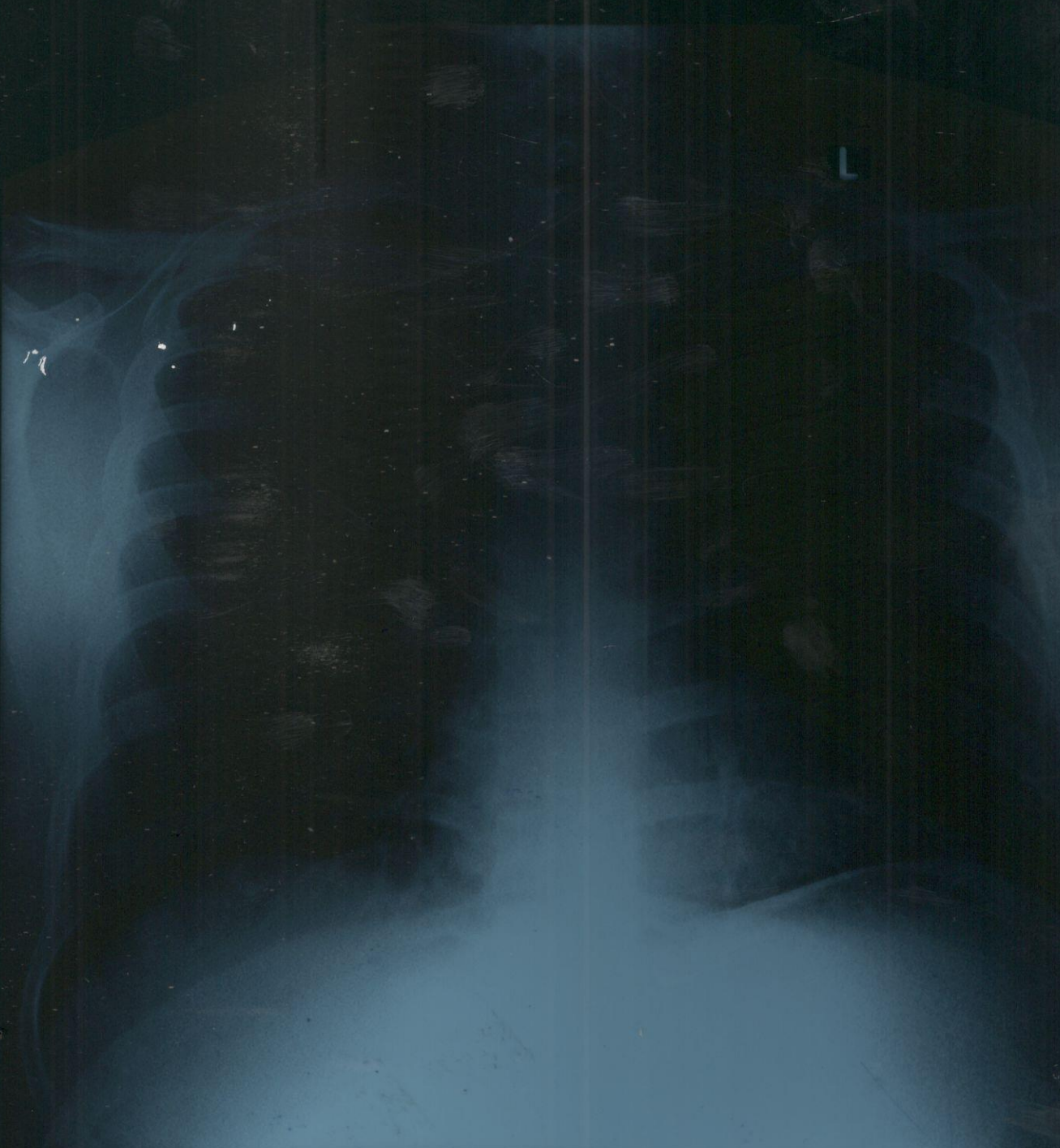
OU: mild lens changes

Diagnosis and Advise : presbyopia (ou)

Advised glasses

Milestones
 Development Center
 No. 105, 7th Main,
 Sri Venkateswara Restaurant, 4th Block,
 Avarambar, Bangalore-560 011

BS
 11/03/23



MR PANKAJ KUMAR SUMAN 2011 14855 M 11.03.2023 10:55 AM

NH MULTISPECIALITY CLINIC JAYANAGAR

ADULT TRANS-THORACIC ECHO REPORT

NAME : MR.PANKAJ KUMAR

AGE/SEX : 44YRS/MALE

MRN NO : 20110000014855

DATE : 09.03.2023

FINAL DIAGNOSIS:

- NORMAL CHAMBER DIMENSION
- NO RWMA
- NORMAL VALVES
- MR-MILD
- NORMAL PA PRESSURE
- NORMAL RV /LV FUNCTION
- LVEF- 60 %

MEASUREMENTS

AO: 29 MM LVID (d) : 45 MM IVS (d) : 12 MM RA : 35 MM
LA: 36 MM LVID(s) : 29 MM PW (d) : 10 MM RV : 28 MM
EF: 60 %

VALVES

MITRAL VALVE : NORMAL
AORTIC VALVE : NORMAL
TRICUSPID VALVE : NORMAL
PULMONARY VALVE : NORMAL

CHAMBERS

LEFT ATRIUM : NORMAL
RIGHT ATRIUM : NORMAL
LEFT VENTRICLE : NORMAL, NORMAL LV FUNCTION
RIGHT VENTRICLE : NORMAL, TAPSE-19 MM, NORMAL RV FUNCTION
RVOT/LVOT : NORMAL



SEPTAE

IVS : INTACT

IAS : INTACT

GREAT ARTERIES

AORTA : NORMAL SIZE, AORTIC ANNULUS-21 MM, LEFT ARCH

PULMONARY ARTERY : NORMAL

DOPPLER DATA

MITRAL VALVE : E/A - 0.6/0.7M/S, MILD LVDD, MR-TRIVIAL

AORTIC VALVE : PG-5 MMHG

TRICUSPID VALVE : TR-TRIVIAL, PASP- 23 MMHG

PULMONARY VALVE : PG- 3 MMHG

WALL MOTION ABNORMALITIES: NO RWMA

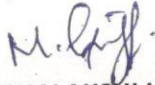
PERICARDIUM : NORMAL

VEGETATION/THROMBUS: ABSENT

OTHER FINDINGS

IVC- 14 MM NORMAL SIZED, COLLAPSIBILITY >50%, RAP -3 MM
SINUS RHYTHM/ HR- 70 BPM

DR.SURESH P V
CONSULTANT CARDIOLOGIST

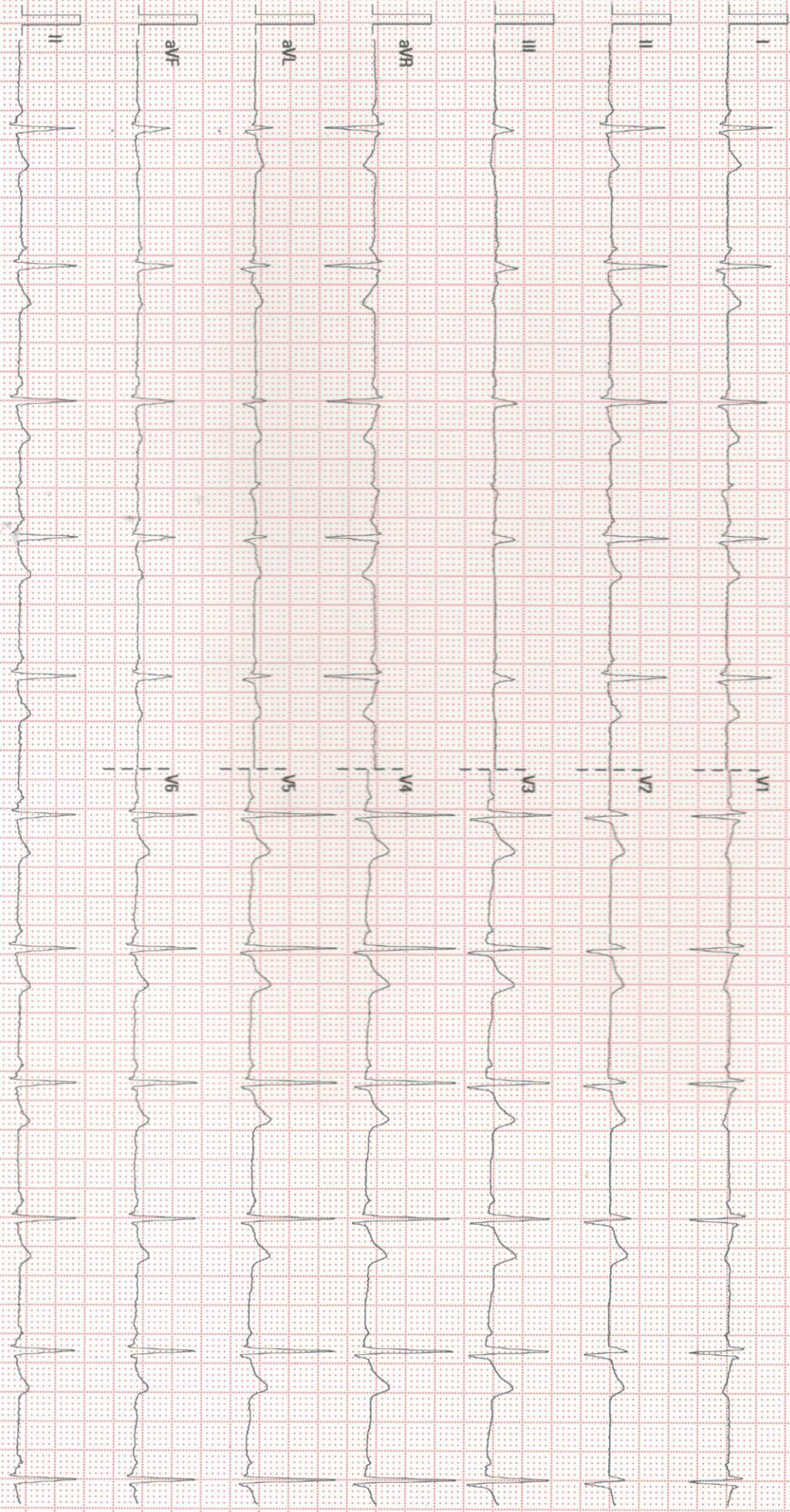

VISHALAKSHI H R
CARDIAC SONOGRAPHER



ID: 2011-14855
Name: MR PANKAJ KUMAR S
Age: 44 Years
Gender: Male

11-03-2023 09:32:27 AM

Heart Rate	65 bpm
PR Interval	134 ms
QRS Duration	90 ms
QT/QTc Interval	382/391 ms
P/QRS/T Axes	41/52/24 deg
DT: c:hedges	



25 mm/s

10 mm/mV

50 Hz

BDH 35 Hz

MARAVANA HEALTH, JAYANAGAR

02.06.00.V28.4.1

SN:FN-73007176

Patient Name : Mr. Pankaj Kumar Suman

Patient ID : 20110000014855

Age : 44years

Sex : male

Referring Doctor : EHP

Date : 11.03.2023

ULTRASOUND ABDOMEN AND PELVIS

FINDINGS:

Liver is normal in size and shows **diffuse increase** echopattern. No intra or extra hepatic biliary duct dilatation. No focal lesions.

Portal vein is normal in size, course and caliber. **CBD** is not dilated.

Gall bladder is normal without evidence of calculi, wall thickening or pericholecystic fluid.

Pancreas to the extent visualized, appears normal in size, contour and echogenicity.

Spleen is normal in size, shape, contour and echogenicity. No evidence of mass or focal lesions.

Right Kidney is normal in size (measures 9.5cm in length & 1.2cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Left Kidney is normal in size (measures 11.6cm in length & 1.9cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of hydronephrosis. **Shows a Calculus in the lower pole measuring 3mm**

Retroperitoneum – Obscured by bowel gas.

Urinary Bladder is well distended. Wall thickness is normal. No evidence of calculi, mass or mural lesion.

Pre void- 71cc post void -8.1cc

Prostate is normal in echopattern and **mildly enlarged** in size, measures 3.3x3.6x4.0cm, Volume - 25cc.

Fluid - There is no ascites or pleural effusion.

IMPRESSION:

- **Grade I Fatty Liver.**
- **Left Renal Calculus.**
- **Grade I Prostatomegaly.**



Dr B S Ramkumar 35772
Consultant Radiologist

Disclaimer:

Note: Investigations have their limitations. Solitary pathological/Radiological and other investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Please interpret accordingly. This Report is not for Medico - Legal Purposes.



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