

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Machaiah M G MRN : 20090000026129 Gender/Age : MALE , 35y (15/05/1988)

Collected On : 26/08/2023 08:25 AM Received On : 26/08/2023 10:02 AM Reported On : 26/08/2023 11:26 AM

Barcode : 212308260012 Specimen : Whole Blood - ESR Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 8050236706

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
Erythrocyte Sedimentation Rate (ESR)	3.00	mm/1hr	0.0-10.0

--End of Report--

Dr. Seema Sivasankaran
MD, DNB
CONSULTANT PATHOLOGIST

Note

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



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Collected On : 26/08/2023 08:25 AM Received On : 26/08/2023 10:02 AM Reported On : 26/08/2023 12:43 PM

Barcode : 212308260013 Specimen : Whole Blood Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 8050236706

LAB - BLOOD BANK

Test	Result	Unit
BLOOD GROUP & RH TYPING		
Blood Group	O	-
RH Typing	Positive	-

--End of Report--

Seema S

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Collected On : 26/08/2023 08:25 AM Received On : 26/08/2023 10:02 AM Reported On : 26/08/2023 11:52 AM

Barcode : 202308260018 Specimen : Plasma Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 8050236706

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (Hexokinase)	106 H	mg/dL	ADA standards 2020 =>126 : Diabetes 70 to 99 : Normal 100 to 125 : Pre-diabetes

--End of Report--

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Patient Name : Mr Machaiah M G MRN : 20090000026129 Gender/Age : MALE , 35y (15/05/1988)

Collected On : 26/08/2023 11:59 AM Received On : 26/08/2023 01:02 PM Reported On : 26/08/2023 01:33 PM

Barcode : 202308260056 Specimen : Plasma Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 8050236706

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Post Prandial Blood Sugar (PPBS) (Glucose Oxidase, Peroxidase)	131	mg/dL	ADA standards 2020 =>200 : Diabetes 70 to 139 : Normal 140 to 199 : Pre-diabetes

--End of Report--

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Collected On : 26/08/2023 08:25 AM Received On : 26/08/2023 10:02 AM Reported On : 26/08/2023 11:57 AM

Barcode : 202308260019 Specimen : Whole Blood Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 8050236706

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c	6.2 H	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.40 Diabetes: => 6.5 ADA standards: = 2020
Estimated Average Glucose	131.24	%	-

Interpretation:

- HbA1C above 6.5% can be used to diagnose diabetes provided the patient has symptoms. If the patient does not have symptoms with HbA1C>6.5%, repeat measurement on further sample. If the repeat test result is <6.5%, consider as diabetes high risk and repeat measurement after 6 months.
- HbA1C measurement is not appropriate in diagnosing diabetes in children, suspicion of type 1 diabetes, symptoms of diabetes for less than 2 months, pregnancy, hemoglobinopathies, medications that may result sudden increase in glucose, anemia, renal failure, HIV infection, malignancies, severe chronic hepatic, and renal disease.
- Any sample with >15% should be suspected of having a haemoglobin variant.

--End of Report-

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Collected On : 26/08/2023 08:25 AM Received On : 26/08/2023 10:02 AM Reported On : 26/08/2023 12:40 PM

Barcode : 202308260020 Specimen : Serum Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 8050236706

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
SERUM CREATININE			
Serum Creatinine (Enzymatic Method (hydrolase, Oxidase, Peroxidase))	0.88	mg/dL	0.66-1.25
eGFR (Calculated)	98.6	mL/min/1.73m2	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) (Enzymatic Method (uricase))	9.22	mg/dL	9.0-20.0
Serum Uric Acid (Uricase, UV)	5.2	mg/dL	3.5-8.5
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Enzymatic Method (cholesterol Oxidase, Esterase, Peroxidase))	179	mg/dL	Both: Desirable: < 200 Both: Borderline High: 200-239 Both: High: > 240
Triglycerides (Enzymatic Method)	171 H	mg/dL	Both: Normal: < 150 Both: Borderline: 150-199 Both: High: 200-499 Both: Very High: > 500
HDL Cholesterol (HDLC) (Direct Method)	32 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	147.0 H	mg/dL	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: => 220
LDL Cholesterol (Direct Method)	104.71 H	mg/dL	Both: Optimal: < 100 Both: Near to above optimal: 100-129 Both: Borderline High: 130-159 Both: High: 160-189 Both: Very High: > 190
VLDL Cholesterol (Calculated)	34	mg/dL	0.0-40.0

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Cholesterol /HDL Ratio (Calculated) **5.6 H** - 0.0-5.0

LIVER FUNCTION TEST(LFT)

Bilirubin Total (Diazo Method) **1.44 H** mg/dL 0.2-1.3

Conjugated Bilirubin (Direct) (Modified Diazo Method) **0.5 H** mg/dL 0.0-0.3

Unconjugated Bilirubin (Indirect) (Dual Wavelength - Reflectance Spectrophotometry) 0.94 mg/dL 0.0-1.1

Total Protein (Biuret Method) 7.3 g/dL 6.3-8.2

Serum Albumin (PCP Dye Binding Method) 4.3 gm/dL 3.5-5.0

Serum Globulin (Calculated) 3 gm/dL 2.0-3.5

Albumin To Globulin (A/G)Ratio (Calculated) 1.43 - 1.0-2.1

SGOT (AST) (UV With P5P) 29 U/L 17.0-59.0

SGPT (ALT) (UV With P5P) 41 U/L <50.0

Alkaline Phosphatase (ALP) (PNPP With AMP Buffer) 81 U/L 38.0-126.0

Gamma Glutamyl Transferase (GGT) (Enzymatic (Gamma Glutamyl Carboxynitrilide)) 30 U/L 15.0-73.0

THYROID PROFILE (T3, T4, TSH)

Tri Iodo Thyronine (T3) (Chemiluminescence Immuno Assay (CLIA)) 1.24 ng/mL 0.6-1.8

Thyroxine (T4) (Chemiluminescence Immuno Assay (CLIA)) 10.0 µg/dl 3.2-12.6

TSH (Thyroid Stimulating Hormone) (Chemiluminescence Immuno Assay (CLIA)) 1.484 µIU/mL 0.4-4.049

--End of Report--

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Patient Name : Mr Machaiah M G MRN : 20090000026129 Gender/Age : MALE , 35y (15/05/1988)

Collected On : 26/08/2023 08:25 AM Received On : 26/08/2023 10:02 AM Reported On : 26/08/2023 12:15 PM

Barcode : 222308260009 Specimen : Urine Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 8050236706

CLINICAL PATHOLOGY

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

Volume	35	ml	-
Colour	Pale Yellow	-	-
Appearance	Slightly Turbid	-	-

CHEMICAL EXAMINATION

pH(Reaction)	5.0	-	4.8-7.5
Sp. Gravity	1.025	-	-
Protein	Negative	-	Negative
Urine Glucose	Negative	-	Negative
Ketone Bodies	Negative	-	Negative
Bile Salts	Negative	-	Negative
Bile Pigment (Bilirubin)	Negative	-	Negative
Urobilinogen	Normal	-	Normal
Blood Urine	Negative	-	Negative

MICROSCOPIC EXAMINATION

Pus Cells	6-8/hpf	-	0-2 / hpf
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RBC	Not Seen	-	Nil
Epithelial Cells	1-2/hpf	-	-
Crystals	Not Seen	-	-
Casts	Not Seen	-	-
Others	Nil	-	-
Urine For Sugar (Fasting) (Semiquantitative Strip Method)	Negative	-	-

--End of Report--

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Patient Name : Mr Machaiah M G MRN : 20090000026129 Gender/Age : MALE , 35y (15/05/1988)

Collected On : 26/08/2023 12:02 PM Received On : 26/08/2023 01:02 PM Reported On : 26/08/2023 01:47 PM

Barcode : 222308260017 Specimen : Urine Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 8050236706

CLINICAL PATHOLOGY

Test	Result	Unit
Urine For Sugar (Post Prandial) (Semiquantitative Strip Method)	Negative	-

--End of Report--

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Collected On : 26/08/2023 08:25 AM Received On : 26/08/2023 10:02 AM Reported On : 26/08/2023 10:57 AM

Barcode : 212308260011 Specimen : Whole Blood Consultant : Dr. S Shreyas(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-002 Patient Mobile No : 8050236706

HAEMATOLOGY LAB

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Oxymethemoglobin Method)	14.5	g/dL	13.0-17.0
Red Blood Cell Count (Coulter Principle/Electrical Impedance)	5.35	Million/ul	4.5-5.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	42.8	%	40.0-50.0
MCV (Mean Corpuscular Volume) (Derived From RBC Histogram)	80 L	fL	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	27.1	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	33.8	g/L	31.5-34.5
Red Cell Distribution Width (RDW) (Derived)	13.2	%	11.6-14.0
Platelet Count (Coulter Principle/Electrical Impedance)	340	Thous/ μ L	150.0-450.0
Total Leucocyte Count(WBC) (Coulter Principle /Electrical Impedance)	5.8	Thous/cumm	4.0-10.0
DIFFERENTIAL COUNT (DC)			
Neutrophils	49.7	%	35.0-66.0
Lymphocytes	37.2	%	20.0-40.0
Monocytes	7.0	%	2.0-10.0
Eosinophils	6.1 H	%	1.0-6.0

Patient Name : Mr Machaiah M G MRN : 20090000026129 Gender/Age : MALE , 35y (15/05/1988)

Basophils	0.0	%	0.0-1.0
Absolute Neutrophil Count	2.89	-	2.0-7.0
Absolute Lymphocyte Count	2.16	-	1.0-3.0
Absolute Monocyte Count	0.41	-	0.2-1.0
Absolute Eosinophil Count	0.36	-	0.02-0.5

--End of Report--

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Patient Name	MR MACHAIAH M G	Requested By	
MRN	20090000026129	Procedure DateTime	26-08-2023 08:37
Age/Sex	35Y/Male	Hospital	NH-HSR CLINIC

CHEST RADIOGRAPH (PA VIEW)

CLINICAL DETAILS: For executive health checkup.

FINDINGS:

- The lung fields and bronchovascular markings appear normal.
- The cardiac size is within normal limits.
- Mediastinum and great vessels are within normal limits.
- Trachea is normal and is central. The hilar shadows are unremarkable.
- The costo-phrenic angles are clear. No evidence of pleural effusion or pneumothorax.
- The visualized bones and soft tissue structures appear normal.
- Both the diaphragmatic domes appear normal.

IMPRESSION:

- No significant abnormality detected.



Dr. Tanuj Gupta MBBS, DMRD, DNB
Lead and Senior Consultant Radiologist

* This is a digitally signed valid document. Reported Date/Time: 26-08-2023 10:50

This report has been generated from NH Teleradiology 24/7, a service of Narayana Health

-- End of Report --

Page 1 of 1

Narayana Multispeciality Clinic

(A unit of Narayana Hrudayalaya Limited) CIN: LB5110KA2000PLC027497

Registered Office: 25B/A, Bommasandra Industrial Area, Anekal Taluk, Bangalore 560099

Address: #43/A-B, 1st Floor, BDA Complex, 6th Sector, HSR Layout, Bangalore - 560 102

Tel : +91-080 2572 7334, www.narayanahealth.org

Appointments

1800-309-0309 (Toll Free)

Emergencies

97384-97384

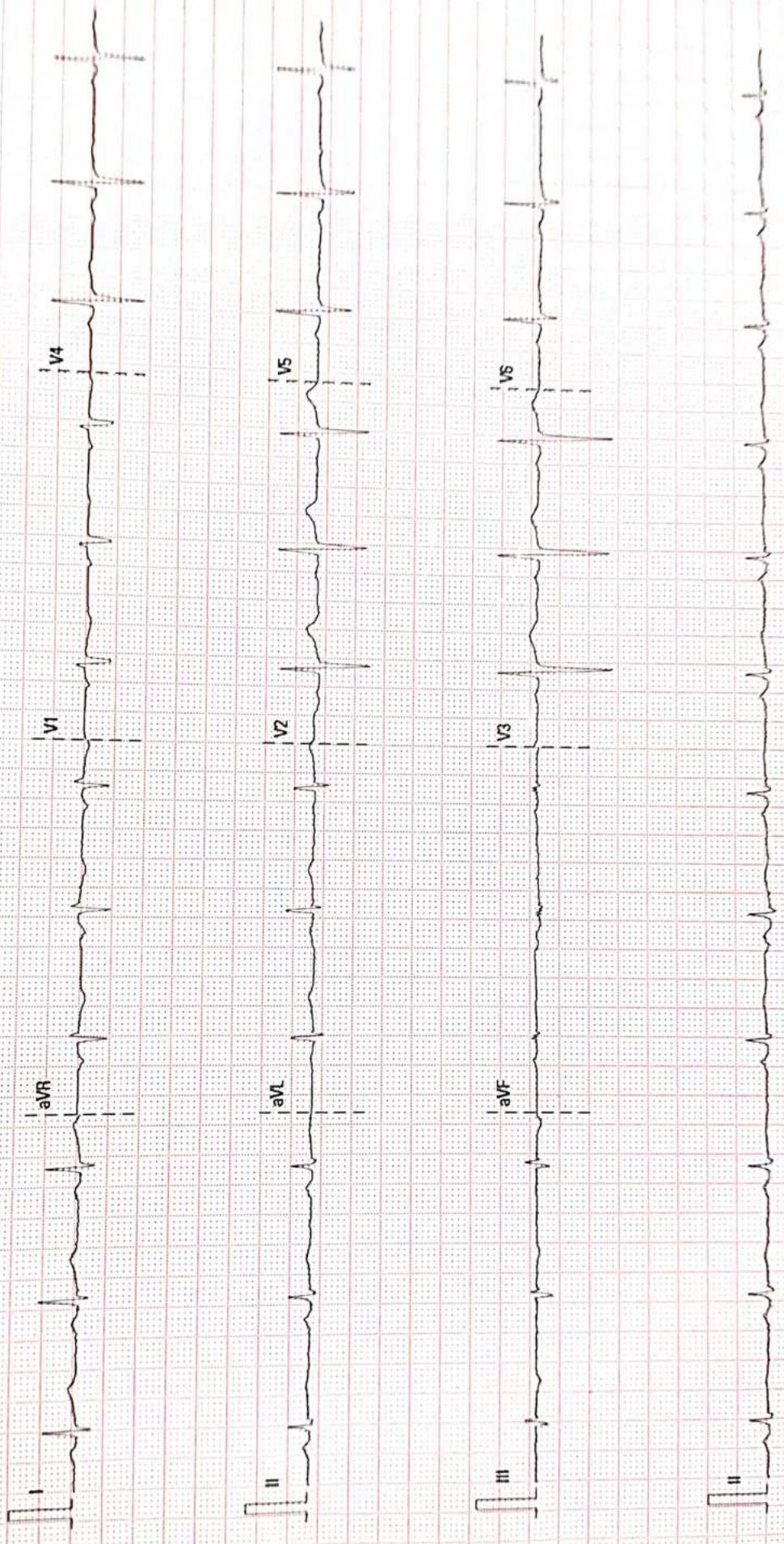
ID: 26129
Name: MR MACHAJAH
Age: 35 Years
Gender: Male

2023-08-26 08:37:26

Vent. Rate 71 bpm
PR Interval 176 ms
QRS Duration 90 ms
QT/QTc Interval 406/425 ms
P/QRS/T Axes 41/21/4 deg
QTc: Hodges

Sinus rhythm
Normal ECG

Unconfirmed Diagnosis



25 mm/s

10 mm/mV

50 Hz

BDR 35 Hz

Narayana Multispecialty Clinic

02-10-03 V78 4 1

SU P N 2508588

26129/MR. MACHAIHAH M G 35 Yrs/Male 113 Kg/0 Cms
Date: 26-Aug-2023 12:29:03 PM

Protocol : BRUCE
History : Nil

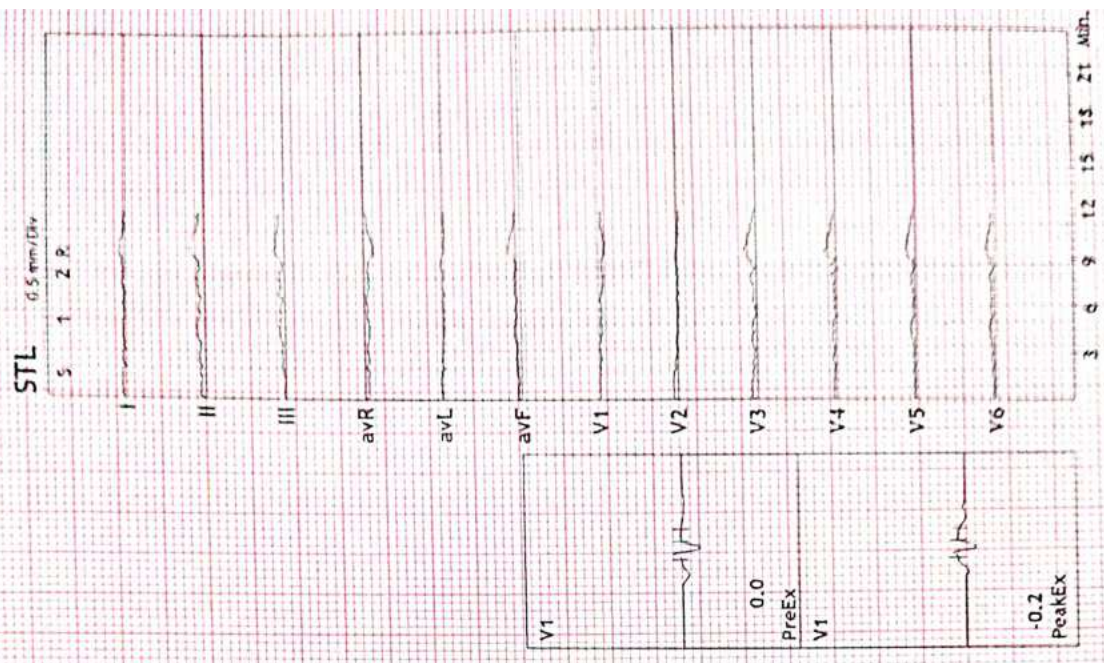
Ref. By : EHP
Medication : Nil
Objective : SCREENING FOR IHD

Stage	StageTime (Min:Sec)	PhaseTime (Min:Sec)	Speed (mph)	Grade (%)	METs	H.R. (bpm)	B.P. (mmHg)	R.P.P. x100	PVC	Comments
Supine					1.0	90	140/80	126	-	
ExStart					1.0	107	140/80	149	-	
Stage 1	3:01	3:02	1.7	10.0	4.7	124	140/80	173	-	
Stage 2	3:01	6:02	2.5	12.0	7.1	151	150/80	226	-	
PeakEX	0:50	6:51	3.4	14.0	8.0	162	150/80	243	-	
Recovery	1:00		0.0	0.0	1.2	129	150/80	193	-	
Recovery	2:00		0.0	0.0	1.0	109	180/80	196	-	
Recovery	3:00		0.0	0.0	1.0	108	150/80	162	-	

Findings :

Exercise Time : 6:50 minutes
Max HR attained : 162 bpm 88% of Max Predictable HR 185
Max BP : 180/80(mmHg)
Workload attained : 8 (\$ GOOD EFFORT TOLERANCE)
NORMAL HR AND BP RESPONSE
NO ANGINA/ARRHYTHMIAS
NO SIGNIFICANT ST-T CHANGES NOTED
IMPRESSION : STRESS TEST NEGATIVE FOR INDUCIBLE ISCHAEMIA.
REASON: TEST COMPLETE

Advice /Comments:



PROVISIONAL
ADULT TRANS-THORACIC ECHO REPORT

PATIENT NAME : Mr Machaiah M G
GENDER/AGE : Male, 35 Years
LOCATION : Op

PATIENT MRN : 20090000026129
PROCEDURE DATE : 26/08/2023 12:17 PM
REQUESTED BY : Dr. S Shreyas



INDICATIONS : CARDIAC EVALUATION
PREVIOUS ECHO REPORT : REVIEWED
VITAL PARAMETERS : HR (BPM) :97, SINUS RHYTHM, BP (MMHG) : -
WINDOW : SUBOPTIMAL

IMPRESSION

- NORMAL CHAMBERS DIMENSION
- NORMAL VALVES
- NORMAL PA PRESSURE
- NO RWMA
- NORMAL LV SYSTOLIC FUNCTION
- LVEF – 60%

FINDINGS

CHAMBERS

LEFT ATRIUM : NORMAL SIZED
AP DIAMETER(MM): 31
RIGHT ATRIUM : NORMAL SIZED
RAP(MMHG): 5
LEFT VENTRICLE : NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION
LVIDD(MM) : 45 IVSD(MM) : 11 EDV(ML) : 110
LVIDS(MM) : 32 LVPWD(MM) : 10 ESV(ML) : 37
E/A RATIO : 0.7 E/E'(AVERAGE) : LVEF(%) : 60
/0.5

RIGHT VENTRICLE : NORMAL SIZE AND THICKNESS WITH NORMAL FUNCTION
TAPSE(MM): 23

LVOT/RVOT : NORMAL
RWMA : NO REGIONAL WALL MOTION ABNORMALITIES

VALVES
MITRAL : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION. SUB VALVAR STRUCTURES ARE NORMAL

AORTIC : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION, PG = 4MMHG
TRICUSPID : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION. SUB VALVAR STRUCTURES ARE NORMAL

PULMONARY : NORMAL MOBILITY AND THICKNESS WITH NO CALCIFICATION, PG = 2MMHG

SEPTAE
IAS : INTACT
IVS : INTACT

Patient Name	: Mr Machaiah M G	MRN	: 26129
Age	: 35 Years	Sex	: Male
Referred by	: EHP	Date	: 26-08-2023

ULTRASOUND ABDOMEN AND PELVIS

FINDINGS:

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

Portal vein is normal in course, caliber and shows hepatopetal flow. CBD is not dilated.

Gallbladder is well distended. There is no evidence of calculus/wall thickening/pericholecystic fluid.

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

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

Right Kidney is normal in size (measures 11.2 cm in length & 1.3 cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

Left Kidney is normal in size (measures 11.1 cm in length & 1.8 cm in parenchymal thickness), position, shape and echopattern. Corticomedullary differentiation is maintained. No evidence of calculi or hydronephrosis.

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

Prostate is normal in size.

Fluid - There is no ascites or pleural effusion.

IMPRESSION:

- Moderate fatty liver(Grade II).



Dr. Tanuj Gupta
Senior 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.