

Fwd: Please note the following health check-up booking summary on 10/03/2023

Amrendra Nath Dubey <amrendra.nathduby@narayanahealth.org>

Fri 10-03-2023 15:11

To: Tilak Raj Dhyani <tilak.raj@narayanahealth.org>;hcp.dnsh <hcp.dnsh@narayanahealth.org>

Cc: Vikas Tripathi <Vikas.Tripathi@narayanahealth.org>

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From: Mediwheel Wellness <mediwheelwellness@gmail.com>

Sent: Thursday, March 9, 2023 6:48:28 PM

To: Amrendra Nath Dubey <amrendra.nathduby@narayanahealth.org>

Subject: Please note the following health check-up booking summary on 10/03/2023

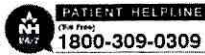
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Member Name	Mobile	Member Age	Package Name
MS. SINGH MANISHA	8368343893	29	Medi-Wheel Metro Full Body Health Checkup Female above 40
Sachin Singh	8368343893	32	Medi-Wheel Metro Full Body Health Checkup Male above40



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Transthoracic Echo color Doppler Report

Patient's Name	Mr. Sachin Singh	Age/Sex	32Years/Male
Ref By:	Dr. Gaurav Jain	Date:	10/03/2023
MRN No.	15050000146783	PVT/MRD/IPD	Mediwheel full body Health Check Up

Final Interpretation

1. Normal sized cardiac chamber dimensions.
2. No Regional wall motion abnormality, LVEF = 55%.
3. MIP - Normal
4. Normal RV systolic function.
5. Trace MR, No AR, No PR, Trace TR (PASP - 27mmHg).
6. No clot/vegetation/pericardial effusion.
7. IVC normal with >50% collapsibility with respiration.

Morphology :-

- ❖ Left Ventricle: It is normal sized.
- ❖ Left Atrium: It is normal sized.
- ❖ Right Atrium: It is normal sized.
- ❖ Right Ventricle: It is normal sized. RV systolic function is normal.
- ❖ Aortic Valve: Aortic valve appears tricuspid & cusps are normal.
- ❖ Mitral Valve: open normally, Subvalvular apparatus appears normal.
- ❖ Tricuspid valve: It appears normal.
- ❖ Pulmonic Valve: It appears normal.
- ❖ Main Pulmonary artery & its branches: Appear normal.
- ❖ Pericardium: There is no pericardial effusion.

DOPLER/COLOUR FLOW

<u>VALVE</u>	<u>MAX. VELOCITY cm/sec</u>	<u>PG/MG mmHg</u>	<u>REGURGITATION</u>
MITRAL	E- 74cm/sec, A- 54cm/sec		Trace MR
AORTIC	103		No AR
TRICUSPID	235	(PASP – 27mmHg)	Trace TR
PULMONARY	70		No PR

Contd.....

M MODE & 2D Measurements

	Observed values	Normal values
Aortic root diameter	32	20-34(mm)
Left atrium size	32	19-40(mm)
Left Ventricular Size diastole	48	ED 37-56(mm)
Left Ventricular Size systole	29	ES 22-40 (mm)
Inter ventricular Septum diastole	09	ED 6-10(mm)
Posterior Wall thickness diastole	08	ED 6-10(mm)
End Diastolic Volume	108	
End Systolic Volume	32	
LV Ejection Fraction (%)	55%	55%-75%

2D EXAMINATION DESCRIPTION

2D and M Mode examination done in multiple views revealed fair movement of both mitral leaflets. Aortic valve has three cusps & cusps are normal. Tricuspid valve leaflets move normally. Pulmonary valve is normal. Ascending Aorta is normal. Interatrial septum and interventricular septum are intact.

Dimension of left atrium and left ventricle are normal. No regional wall motion abnormality seen. Global LVEF is 55%. No intracardiac mass or thrombus seen.


Dr. Pradeep Kumar Nayak
Senior Consultant - Cardiology

Dr. Rakesh Bachloo
Consultant - Cardiology

Note:- This is a professional opinion based on imaging finding and not the diagnosis. Not valid for medico-legal purposes. In case of any discrepancy due to machine error or typing error, please get it rectified immediately.

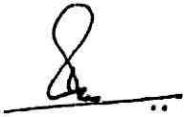
Patient Name	Sachin Singh	Requested By	DR. GAURAV JAIN
MRN	15050000146783	Procedure DateTime	2023-03-10 16:00:55
Age/Sex	32Y 5M/Male	Hospital	NH-Dharamshila

Inv. No.: 6612

X-RAY CHEST (PA)

- Lung fields are clear.
- Costophrenic angles are clear.
- Both domes of diaphragm are normal.
- Mediastinum and both hila are within normal limits.
- Cardiac size is normal.
- Bones under review are unremarkable.

Impression: Normal Study.



Dr. (Col.) Vikas Rastogi
MBBS, MD
SR. CONSULTANT RADIOLOGIST
DML 89340

Patient Name	Sachin Singh	Requested By	DR. GAURAV JAIN
MRN	15050000146783	Procedure DateTime	2023-03-10 13:19:36
Age/Sex	32Y 5M/Male	Hospital	NH-Dharamshila

Investigation No. 1926

ULTRASONOGRAPHY WHOLE ABDOMEN

Liver : is enlarged in size (18.3 cm) and shows grade II fatty change. Normal sized intrahepatic biliary and vascular channels are seen. No focal lesion. The common bile duct and portal vein are normal.

Gall bladder : Normal in size with normal wall thickness and contents.

The pancreas : The pancreas shows normal contour, echogenicity and size.

The spleen : is normal in size, contour and echopattern.

The right kidney : The right kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 11.8 x 4.9 cm.

The left kidney : The left kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system. It measures 11.4 x 5.5 cm.

Urinary bladder is normal in wall & contents.

Prostate is normal in size, shape and parenchymal echopattern. It measures 10.8 ml.

No ascites seen.

Impression :

- **Hepatomegaly with grade I fatty change.**



Dr. SHAIENDRA KR. BHARDWAJ
MBBS, DNB (Radiodiagnosis)
CONSULTANT RADIOLOGIST

DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Mr Sachin Singh MRN : 15050000146783 Gender/Age : MALE , 32y (26/09/1990)

Collected On : 10/03/2023 11:17 AM Received On : 10/03/2023 11:33 AM Reported On : 10/03/2023 03:59 PM

Barcode : Q52303100008 Specimen : Serum Consultant : Dr. Gaurav Jain(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8368343893

IMMUNOLOGY

Test	Result	Unit	Biological Reference Interval
Prostate Specific Antigen (PSA) (ECLIA/ ELFA)	0.316	ng/mL	<4.0



Dr. Amit Samadhiya
MBBS, MD Biochemistry
JUNIOR CONSULTANT

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (GOD/POD)	94	mg/dL	74.0-106.0
Post Prandial Blood Sugar (PPBS) (Enzyme Method (GOD POD))	102.1	mg/dL	100.0-140.0
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Non LDL Selective Elimination, CHOD/POD)	145.6	mg/dL	<200.0
Triglycerides (LIPASE/GK/GPO/POD)	131.1	mg/dL	<150.0
HDL Cholesterol (HDLC) (Colorimetric (Phosphotungstic Acid Method))	47.4	mg/dL	40.0-60.0
Non-HDL Cholesterol	98.2	mg/dL	<130.0
LDL Cholesterol (Turbidometric /Microtip)	83.77	mg/dL	<100.0
VLDL Cholesterol (Calculated)	26.2	mg/dL	0.0-40.0

Patient Name : Mr Sachin Singh MRN : 15050000146783 Gender/Age : MALE , 32y (26/09/1990)

Cholesterol /HDL Ratio (Calculated)	3.1	-	<4.5
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (ECLIA/ ELFA)	2.39	nmol/L	1.49-2.6
Thyroxine (T4) (ECLIA/ ELFA)	148 H	nmol/L	71.2-141.0
TSH (Thyroid Stimulating Hormone) (Electrochemiluminescence (ECLIA))	2.50	uIU/ml	0.465-4.68
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Azobilirubin Dyphylline)	1.01	mg/dL	0.2-1.3
Conjugated Bilirubin (Direct) (Dual Wavelength Reflectance)	0.24	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.77	mg/dL	0.1-1.0
Total Protein (Biuret Method)	7.48	gm/dL	6.3-8.2
Serum Albumin (Bromcresol Green (BCG))	4.36	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.12	gm/dL	2.3-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.39	-	0.9-2.0
SGOT (AST) (P - Phosphate)	52.4	U/L	17.0-59.0
SGPT (ALT) (P - Phosphate)	73.3 H	U/L	<50.0
Alkaline Phosphatase (ALP) (PNPP With Amp Buffer)	57.0	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (GCNA)	33.9	U/L	15.0-73.0



Dr. Amit Samadhiya
 MBBS, MD Biochemistry
 JUNIOR CONSULTANT

Page 2 of 4

Dharamshila Narayana Superspeciality Hospital

(A Unit of Dharamshila Cancer Foundation and Research Centre)
 (Hospital Reg No : DHS/NH/144 | PAN No. AAATD0451G | GST No.: 07AAATD0451G1Z7)

Hospital Address: Vasundhara Enclave, Near New Ashok Nagar Metro Station, Delhi 110 096
 Tel +91 11 6904-5555 | www.narayanahealth.org | info.dnsh@narayanahealth.org

Appointments

1800-309-0309

Emergencies

73700-73700

Patient Name : Mr Sachin Singh MRN : 15050000146783 Gender/Age : MALE , 32y (26/09/1990)

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Spectrophotometry)	14.7	g/dL	13.0-17.0
Red Blood Cell Count (Electrical Impedance)	5.26	10 ⁶ /mm ³	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	46.1	%	40.0-54.0
MCV (Mean Corpuscular Volume) (Calculated)	88	µm ³	83.0-101.0
MCH (Mean Corpuscular Haemoglobin) (Calculated)	27.9	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	31.8 L	g/dL	32.0-36.0
Red Cell Distribution Width (RDW) (Calculated)	14.9 H	%	11.5-14.0
Platelet Count (Electrical Impedance)	165	10 ³ /mm ³	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	8.3	10 ³ /mm ³	4.0-11.0
DIFFERENTIAL COUNT (DC)			
Neutrophils (DHSS)	55.7	%	40.0-80.0
Lymphocytes (DHSS)	37.7	%	20.0-40.0
Monocytes (DHSS)	4.7	%	2.0-10.0
Eosinophils (DHSS)	1.8	%	1.0-6.0
Basophils (DHSS)	0.1	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	4.63	10 ³ /mm ³	2.0-7.5
Absolute Lymphocyte Count (Calculated)	3.13 H	x10 ³ cells/µl	1.0-3.0
Absolute Monocyte Count (Calculated)	0.4	x10 ³ cells/µl	0.2-1.0

Patient Name : Mr Sachin Singh MRN : 15050000146783 Gender/Age : MALE , 32y (26/09/1990)

Absolute Eosinophil Count (Calculated)	0.15	$\times 10^3$ cells/ μ l	0.02-0.5
Absolute Basophil Count (Calculated)	0.01 L	$\times 10^3$ cells/ μ l	0.02-0.1

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

Erythrocyte Sedimentation Rate (ESR)	15.0	mm/hr	0.0-15.0
(Modified Westergren Method)			

--End of Report--



Dr. Prachi
MBBS, MD Pathology
JUNIOR CONSULTANT

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Mr Sachin Singh MRN : 15050000146783 Gender/Age : MALE , 32y (26/09/1990)

Collected On : 10/03/2023 11:17 AM Received On : 10/03/2023 11:33 AM Reported On : 11/03/2023 08:26 AM

Barcode : D62303100156 Specimen : Whole Blood Consultant : Dr. Gaurav Jain(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8368343893

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HbA1C			
HbA1c (Enzymatic Method)	5.2	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	102.54	-	-

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.

Interpretation Notes

- 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 as compared to blood and urinary glucose determinations. Target goals of < 7.0 % may be beneficial in patients. Please co-relate with Blood Sugar Fasting.

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (GOD/POD)	91.0	mg/dL	74.0-106.0
Blood Urea Nitrogen (BUN) (Urease, UV)	10.6	mg/dL	9.0-20.0

SERUM CREATININE

Serum Creatinine (Enzymatic Two Point Rate - Creatinine Amidohydrolase)	0.65 L	mg/dL	0.66-1.25
eGFR (Calculated)	142.4	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.

Patient Name : Mr Sachin Singh MRN : 15050000146783 Gender/Age : MALE , 32y (26/09/1990)

Serum Sodium (ISE Direct)	142.7	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	4.07	mmol/L	3.5-5.1
Serum Chloride (ISE Direct)	106.0	mmol/L	98.0-107.0
Serum Bicarbonate Level (Phosphoenolpyruvate Carboxylase /Mdh Enzymatic End Piont Assay)	26.1	mmol/L	22.0-30.0
Serum Calcium (Arsezano III Dye Binding Method)	8.72	mg/dL	8.4-10.2
Serum Magnesium (Formazan Dye)	2.10	mg/dL	1.6-2.3
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	5.72	mg/dL	3.5-8.5
Serum Phosphorus (Phosphomolybdate Reduction)	3.30	mg/dL	2.5-4.5



Dr. Amit Samadhiya
 MBBS, MD Biochemistry
 JUNIOR CONSULTANT

BLOOD BANK LAB

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



Dr. Manoj Rawat
 Consultant & HOD, Blood Bank Center
 Consultant & HOD Blood Center

Patient Name : Mr Sachin Singh MRN : 15050000146783 Gender/Age : MALE , 32y (26/09/1990)

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Colour	Pale Yellow	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Double Indicator Method)	6.0	-	4.8-7.5
Sp. Gravity (PKa Change Ionic Concentration Method)	1.005	-	1.002-1.030
Protein (Protein Error Method)	Nil	-	Nil
Urine Glucose (GOD/POD)	Nil	-	Nil
Ketone Bodies	Neative	-	-
Blood Urine (Pseudo Peroxidase Method)	Nil	-	-
MICROSCOPIC EXAMINATION			
Pus Cells	2-3	/hpf	1-2
RBC	Nil	/hpf	0 - 3
Epithelial Cells	1-2	/hpf	2-3
Urine For Sugar (Fasting)	Nil	-	-
Urine For Sugar (Post Prandial)	Nil	-	-

--End of Report--

Patient Name : Mr Sachin Singh MRN : 15050000146783 Gender/Age : MALE , 32y (26/09/1990)

Prachi

Dr. Prachi
MBBS, MD Pathology
JUNIOR CONSULTANT

Note

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



DEPARTMENT OF LABORATORY MEDICINE

Patient Name : Manisha Singh MRN : 15050000146782 Gender/Age : FEMALE , 31y (26/03/1991)

Collected On : 10/03/2023 11:18 AM Received On : 10/03/2023 11:32 AM Reported On : 10/03/2023 03:59 PM

Barcode : D62303100158 Specimen : Serum Consultant : Dr. Gaurav Jain(GENERAL MEDICINE)

Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8368343893

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
Fasting Blood Sugar (FBS) (GOD/POD)	93	mg/dL	74.0-106.0
Post Prandial Blood Sugar (PPBS) (Enzyme Method (GOD POD))	99 L	mg/dL	100.0-140.0
LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)			
Cholesterol Total (Non LDL Selective Elimination, CHOD/POD)	234.1 H	mg/dL	<200.0
Triglycerides (LIPASE/GK/GPO/POD)	262.0 H	mg/dL	<150.0
HDL Cholesterol (HDLC) (Colorimetric (Phosphotungstic Acid Method))	38.4 L	mg/dL	40.0-60.0
Non-HDL Cholesterol	195.7 H	mg/dL	<130.0
LDL Cholesterol (Turbidometric /Microtip)	165.24 H	mg/dL	<100.0
VLDL Cholesterol (Calculated)	52.4 H	mg/dL	0.0-40.0
Cholesterol /HDL Ratio (Calculated)	6.1 H	-	<4.5
THYROID PROFILE (T3, T4, TSH)			
Tri Iodo Thyronine (T3) (ECLIA/ ELFA)	1.96	nmol/L	1.49-2.6
Thyroxine (T4) (ECLIA/ ELFA)	93.7	nmol/L	71.2-141.0
TSH (Thyroid Stimulating Hormone) (Electrochemiluminescence (ECLIA))	1.75	uIU/ml	0.465-4.68
LIVER FUNCTION TEST(LFT)			
Bilirubin Total (Azobilirubin Dyphylline)	0.81	mg/dL	0.2-1.3

Patient Name : **Manisha Singh** MRN : 15050000146782 Gender/Age : **FEMALE , 31y (26/03/1991)**

Conjugated Bilirubin (Direct) (Dual Wavelength Reflectance)	0.15	mg/dL	0.0-0.4
Unconjugated Bilirubin (Indirect) (Calculated)	0.66	mg/dL	0.1-1.0
Total Protein (Biuret Method)	7.90	gm/dL	6.3-8.2
Serum Albumin (Bromocresol Green (BCG))	4.60	gm/dL	3.5-5.0
Serum Globulin (Calculated)	3.31	gm/dL	2.3-3.5
Albumin To Globulin (A/G)Ratio (Calculated)	1.39	-	0.9-2.0
SGOT (AST) (P - Phosphate)	30.8	U/L	14.0-36.0
SGPT (ALT) (P - Phosphate)	37.7 H	U/L	<35.0
Alkaline Phosphatase (ALP) (PNPP With Amp Buffer)	114.9	U/L	38.0-126.0
Gamma Glutamyl Transferase (GGT) (GCNA)	37.5	U/L	12.0-43.0



Dr. Amit Samadhiya
 MBBS, MD Biochemistry
 JUNIOR CONSULTANT

HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
COMPLETE BLOOD COUNT (CBC)			
Haemoglobin (Hb%) (Spectrophotometry)	13.3	g/dL	12.0-15.0
Red Blood Cell Count (Electrical Impedance)	4.73	10 ⁶ /mm ³	4.5-6.5
PCV (Packed Cell Volume) / Hematocrit (Calculated)	42.3	%	36.0-46.0
MCV (Mean Corpuscular Volume) (Calculated)	89	μm ³	83.0-101.0

Patient Name : Manisha Singh MRN : 15050000146782 Gender/Age : FEMALE , 31y (26/03/1991)

MCH (Mean Corpuscular Haemoglobin) (Calculated)	28.2	pg	27.0-32.0
MCHC (Mean Corpuscular Haemoglobin Concentration) (Calculated)	31.6 L	g/dL	32.0-36.0
Red Cell Distribution Width (RDW) (Calculated)	14.3 H	%	11.5-14.0
Platelet Count (Electrical Impedance)	158	10 ³ /mm ³	150.0-450.0
Total Leucocyte Count(WBC) (Electrical Impedance)	8.3	10 ³ /mm ³	4.0-11.0

DIFFERENTIAL COUNT (DC)

Neutrophils (DHSS)	69.1	%	40.0-80.0
Lymphocytes (DHSS)	25.5	%	20.0-40.0
Monocytes (DHSS)	3.7	%	2.0-10.0
Eosinophils (DHSS)	1.5	%	1.0-6.0
Basophils (DHSS)	0.2	%	0.0-2.0
Absolute Neutrophil Count (Calculated)	5.74	10 ³ /mm ³	2.0-7.5
Absolute Lymphocyte Count (Calculated)	2.12	x10 ³ cells/ μ l	1.0-3.0
Absolute Monocyte Count (Calculated)	0.31	x10 ³ cells/ μ l	0.2-1.0
Absolute Eosinophil Count (Calculated)	0.13	x10 ³ cells/ μ l	0.02-0.5
Absolute Basophil Count (Calculated)	0.02	x10 ³ cells/ μ l	0.02-0.1

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

Erythrocyte Sedimentation Rate (ESR) (Modified Westergren Method)	20.0	mm/hr	0.0-20.0
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--End of Report--

Patient Name : Manisha Singh MRN : 15050000146782 Gender/Age : FEMALE , 31y (26/03/1991)

Prachi

Dr. Prachi
MBBS, MD Pathology
JUNIOR CONSULTANT

Note

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- Kindly correlate clinically.



DEPARTMENT OF LABORATORY MEDICINE

Final Report

Patient Name : Manisha Singh MRN : 15050000146782 Gender/Age : FEMALE , 31y (26/03/1991)

Collected On : 10/03/2023 11:18 AM Received On : 10/03/2023 11:32 AM Reported On : 11/03/2023 08:26 AM

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Sample adequacy : Satisfactory Visit No : OP-001 Patient Mobile No : 8368343893

BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
HBA1C			
HbA1c (Enzymatic Method)	5.1	%	Normal: 4.0-5.6 Pre Diabetes: 5.7-6.4 Diabetes: => 6.5 ADA Recommendation 2017
Estimated Average Glucose	99.67	-	-

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.

Interpretation Notes

- 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 as compared to blood and urinary glucose determinations. Target goals of < 7.0 % may be beneficial in patients. Please co-relate with Blood Sugar Fasting.

RENAL PACKAGE - 2 (RFT FASTING)

Fasting Blood Sugar (FBS) (GOD/POD)	93.0	mg/dL	74.0-106.0
Blood Urea Nitrogen (BUN) (Urease, UV)	6.3 L	mg/dL	7.0-17.0

SERUM CREATININE

Serum Creatinine (Enzymatic Two Point Rate - Creatinine Amidohydrolase)	0.53	mg/dL	0.5-1.04
eGFR (Calculated)	134.6	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.

Patient Name : Manisha Singh MRN : 15050000146782 Gender/Age : FEMALE , 31y (26/03/1991)

Serum Sodium (ISE Direct)	141.5	mmol/L	137.0-145.0
Serum Potassium (ISE Direct)	5.17 H	mmol/L	3.5-5.1
Serum Chloride (ISE Direct)	105.5	mmol/L	98.0-107.0
Serum Bicarbonate Level (Phosphoenolpyruvate Carboxylase /Mdh Enzymatic End Piont Assay)	26.7	mmol/L	22.0-30.0
Serum Calcium (Arsezano III Dye Binding Method)	9.32	mg/dL	8.4-10.2
Serum Magnesium (Formazan Dye)	2.14	mg/dL	1.6-2.3
Serum Uric Acid (Colorimetric - Uricase,Peroxidase)	4.60	mg/dL	3.5-8.5
Serum Phosphorus (Phosphomolybdate Reduction)	3.09	mg/dL	2.5-4.5



Dr. Amit Samadhiya
 MBBS, MD Biochemistry
 JUNIOR CONSULTANT

BLOOD BANK LAB

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



Dr. Manoj Rawat
 Consultant & HOD, Blood Bank Center
 Consultant & HOD Blood Center

Patient Name : Manisha Singh MRN : 15050000146782 Gender/Age : FEMALE , 31y (26/03/1991)

CLINICAL PATHOLOGY

Test	Result	Unit	Biological Reference Interval
URINE ROUTINE & MICROSCOPY			
PHYSICAL EXAMINATION			
Colour	Pale Yellow	-	-
Appearance	Clear	-	-
CHEMICAL EXAMINATION			
pH(Reaction) (Double Indicator Method)	6.0	-	4.8-7.5
Sp. Gravity (PKa Change Ionic Concentration Method)	1.010	-	1.002-1.030
Protein (Protein Error Method)	Nil	-	Nil
Urine Glucose (GOD/POD)	Nil	-	Nil
Ketone Bodies	Negative	-	-
Blood Urine (Pseudo Peroxidase Method)	Nil	-	-
MICROSCOPIC EXAMINATION			
Pus Cells	1-2	/hpf	1-2
RBC	Nil	/hpf	0 - 3
Epithelial Cells	2-3	/hpf	2-3
Urine For Sugar (Fasting)	Nil	-	-
Urine For Sugar (Post Prandial)	Nil	-	-

--End of Report--

Patient Name : Manisha Singh MRN : 15050000146782 Gender/Age : FEMALE , 31y (26/03/1991)

Prachi

Dr. Prachi
MBBS, MD Pathology
JUNIOR CONSULTANT

Note

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



Patient Name	Manisha Singh	Requested By	DR. GAURAV JAIN
MRN	15050000146782	Procedure DateTime	2023-03-10 12:46:27
Age/Sex	31Y 11M/Female	Hospital	NH-Dharamshila

Investigation No.

ULTRASONOGRAPHY WHOLE ABDOMEN

Liver : Shows a normal contour & echopattern. Normal sized intrahepatic biliary and vascular channels are seen. No focal lesion. The common bile duct and portal vein are normal.

Gall bladder : Normal in size with normal wall thickness and contents.

The pancreas : The pancreas shows normal contour, echogenicity and size.

The spleen : is normal in size, contour and echopattern.

The right kidney : The right kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system.

The left kidney : The left kidney has a normal contour & echopattern in the cortex, medulla and pelvicalyceal system.

Urinary bladder is normal in wall & contents.

Uterus is normal in size and echogenicity of the myometrium.

Endometrial stripe is normal.

Both the ovaries are normal in size and echopattern.

Adnexa are clear.

No ascites seen.

Impression : Normal Study.



Dr. HARMEET KAUR
MBBS MD (Radiodiagnosis)
CONSULTANT RADIOLOGIST

Transthoracic Echo color Doppler Report

Patient's Name	Mrs. Manisha Singh	Age/Sex	31Years/Female
Ref By:	Dr. Gaurav Jain	Date:	10/03/2023
MRN No.	15050000146782	PVT/MRD/IPD	Mediwheel full body Health Check Up

Final Interpretation

1. Normal sized cardiac chamber dimensions.
2. No Regional wall motion abnormality, LVEF = 55%.
3. MIP - Normal
4. Normal RV systolic function.
5. No MR, No AR, No PR, Trace TR (PASP - 30mmHg).
6. No clot/vegetation/pericardial effusion.
7. IVC normal with >50% collapsibility with respiration.

Morphology :-

- ❖ Left Ventricle: It is normal sized.
- ❖ Left Atrium: It is normal sized.
- ❖ Right Atrium: It is normal sized.
- ❖ Right Ventricle: It is normal sized. RV systolic function is normal.
- ❖ Aortic Valve: Aortic valve appears tricuspid & cusps are normal.
- ❖ Mitral Valve: open normally, Subvalvular apparatus appears normal.
- ❖ Tricuspid valve: It appears normal.
- ❖ Pulmonic Valve: It appears normal.
- ❖ Main Pulmonary artery & its branches: Appear normal.
- ❖ Pericardium: There is no pericardial effusion.

DOPPLER/COLOUR FLOW

<u>VALVE</u>	<u>MAX. VELOCITY cm/sec</u>	<u>PG/MG mmHg</u>	<u>REGURGITATION</u>
MITRAL	E- 99cm/sec, A- 55cm/sec		No MR
AORTIC	119		No AR
TRICUSPID	243	(PASP -30 mmHg)	Trace TR
PULMONARY	91		No PR

Contd.....

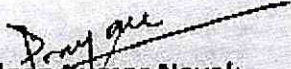
M MODE & 2D Measurements

	Observed values	Normal values
Aortic root diameter	24	20-34(mm)
Left atrium size	21	19-40(mm)
Left Ventricular Size diastole	47	ED 37-56(mm)
Left Ventricular Size systole	30	ES 22-40 (mm)
Inter ventricular Septum diastole	08	ED 6-10(mm)
Posterior Wall thickness diastole	08	ED 6-10(mm)
End Diastolic Volume	105	
End Systolic Volume	35	
LV Ejection Fraction (%)	55%	55%-75%

2D EXAMINATION DESCRIPTION

2D and M Mode examination done in multiple views revealed fair movement of both mitral leaflets. Aortic valve has three cusps & cusps are normal. Tricuspid valve leaflets move normally. Pulmonary valve is normal. Ascending Aorta is normal. Interatrial septum and interventricular septum are intact.

Dimension of left atrium and left ventricle are normal. No regional wall motion abnormality seen. Global LVEF is 55%. No intracardiac mass or thrombus seen.


Dr. Pradeep Kumar Nayak
 Senior Consultant - Cardiology

Dr. Rakesh Bachloo
 Consultant - Cardiology

Note:- This is a professional opinion based on imaging finding and not the diagnosis. Not valid for medico-legal purposes. In case of any discrepancy due to machine error or typing error, please get it rectified immediately.



Patient Name: Manisha Singh (female) | 31y 11m | 26/03/91 |
Patient MRN: 1505000146782
Patient Phone No: 8368343893
Address: 79-A, NEW MIG FLATS, MAYUR VIHAR PHASE-3, New Delhi, Delhi, India, 110096
Consultant: Dr. Gaurav Jain
Visit No: OP-001
Bill No: INVO-1505-2303005420
Date: 10-03-2023 11:10 AM
Tariff Class: OPD
OPD:

Plan: Medihheel Health check up |
Sponsor: ARCOFEMI HEALTHCARE LIMITED (13065_C) | Sponsor Bill No : INSO-1505-2303001281 | Sponsor Payable : 3,450.00

Particulars	Date	Qty	MRP	Unit	Gross Amt	Spr. Disc.	Pat.Disc	Spr.Pay	Pat.Pay
1. EHP MEDIWHEEL FULL BODY HEALTH CHECK PACKAGE	10-03-2023 to 11-03-2023	1	3,450.00	3,450.00	0.00	0.00	0.00	3,450.00	0.00
PACKAGE									
Total					3,450.00	0.00	0.00	3,450.00	0.00

Total Hospital Charges for Rendered Services/Items: 3,450.00
Total Bill Amount including Taxes before round off: 3,450.00
Sponsor Payable: 3,450.00
Patient Round Off: 0.00
Patient Payable: 0.00
Amount in words: Rupees Zero Only

Balance Details
Gross bill amount: 3,450.00
Less Discount: 0.00
Sponsor Amount: 3,450.00
Net Amount: 0.00
Amount Paid: 0.00
Balance To Pay: 0.00

Prepared By: Krishna Yadav, 367513 | **Prepared On:** 10-03-2023 11:10 |
Published By: Tiak Raj Dhyani, 367229 | **Published On:** 15-03-2023 14:51 |