

Dr. Kamal Kishore's

### GEETANJALI HOSPITAL, HISAR

270, Model Town, Gurudwara Road, Hisar Ph. 01662-250522, 245533



Age/Sex: 41/M

Date: 16.10.2024

### CARDIAC STRESS TEST (TMT) SUMMARY REPORT

Patient's Name

: Mr.Dheeraj Singh

**Brief Medical History** 

: Executive health Check-Up

Medication CAD Risk Factors

: Nil

Indication For TMT

: Executive health Check-Up

Resting Tread Mill ECG

: WNL

Reason For Ending Test

: Achieved THR

#### Salient Features

- Mr. Dheeraj Singh exercised on Bruce protocol for 10min.49 sec. Passed bruce stage: 3 Exercise tolerance: Very Good.
- 2. Achieved max. heart rate of 154 beats per minute which in 86% of his target heart rate (THR).
- 3. No significant ST segment depression seen during exercise & recovery.
- 4. No exertional chest pain / angina during exercise & recovery . Treadmill angina index is 0.
- 5. BP response was adequate.
- 6. Achieved double product (Peak Rate Pressure product) of 24.6 ×1000. s/o normal heart workload
- 7. No ectopic activity or arrhythmia observed during exercise & recovery.
- 8. No sign of LV dysfunction at peak exercise.
- 9. Total METs achieved 12.41. The maximal body oxygen uptake (Max. VO2 consumption) is 43.435ml/kg/min.
- 10. Duke treadmill score is 10. The risk is classified as Low. The 1 year mortality is estimated At.0.3-0.9% angiography: Usually not indicated.

#### Final Impression:-

STRESS TEST IS NEGATIVE FOR REVERSIBLE INDUCIBLE MYOCARDIAL ISCHEMIA WITH GOOD EXERCISE TOLERANCE WITH NORMAL B.P. RESPONSE.

Signature of Patient /Relative

DR.KAMAL KISHORE M.D. (MEDICINE), FICP. CONSULTANT PHYSICIAN

- •An isolated cardiac stress test has a mean sensitivity of 67% and mean specificity of 72%.
- This report is not valid for any medico legal purpose. No record of this report is kept in the hospital.
   Report Typed By:- Mr. Sachin (Emp. ID-04)

Mr. Dheeraj Singh Age/Sex: 41/M Recorded: 16- 10-2024 Ref. by : Lotus Diagnostic Indication : Executive Health Check-up,

ID: 835 Ht/Wt: 166/98 TREADMILL TEST SUMMARY REPORT

Protocol: BRUCE History: Medication : Nil...

PHASE	PHASE TIME	STAGE TIME	SPEED (Km./Hr.)	GRADE (%)	H.R. (BPM)	B.P. (mmHg)	RPP X100	II	ST LEVEL (mm) V2	V5	METS
SUPINE								•		***************************************	
HYPERVENT	0.45				105	140/90	147	2.2	3.8	1.1	
TIFERVENI	0:15	0:15			103	140/90	144	1.9	3.9	1.1	
STAGE 1	2:59	2:59	2.70	10.00	127	450/00	400				
STAGE 2	6:00	2:59				150/90	190	1.9	3.2	1.2	4.80
STAGE 3			4.00	12.00	136	150/90	204	1.6	3.3	1.2	. 7.10
	9:00	2:59	5.40	14.00	148	160/90	236	1.5	2.8	0.8	10.00
STAGE 4	10:45	1:44	6.70	16.00	153	160/90	244	1.7	2.8	0.9	12.32
PEAK EXERCISE	10:49	1:48			154	160/90	246	1.7	2.7	1.0	12.41
RECOVERY	2:59	2:59	0.00	0.00	125	440/00	475				
RECOVERY	5:59	5:59			125	140/90	175	1.1	2.3	0.6	
LEGO VEICE	3.33	5.59	0.00	0.00	112	140/90	156	1.9	3.0	0.9	

Exercise Duration Max Heart Rate

10:49 Minutes

Max Blood Pressure

154 bpm 86 % of target heart rate 179 bpm 160/90 mmHg

Max Work Load Reason of Termination 12.41 METS Achieved THR

**IMPRESSIONS** 



### **GEETANJALI HOSPITAL**

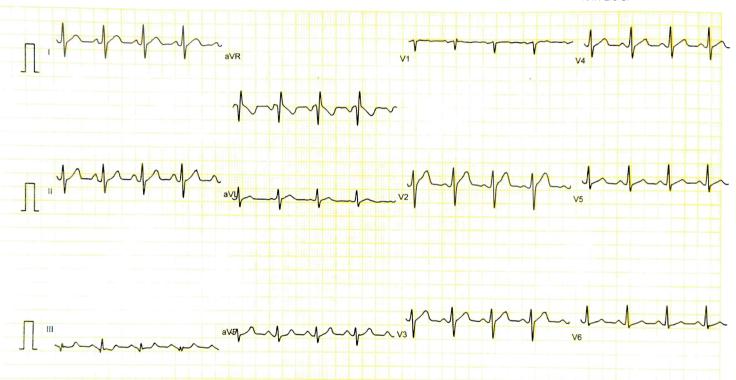
270, Model Town, Gurudwara Road, Hisar, Haryana Ph.: 90680-23930 M geetanjalihospitalhisar@gmail.com ⊕ www.geetanjalihospitalhisar.com



Mr. Dheeraj Singh ID:: 835 AGE/SEX:: 41/M RECORDED:: 16-10-2024

RATE: 105 BPM B.P.: 140/90 mmHg SUPINE PRETEST ST @ 10mm/mV 80ms PostJ

RAW E.C.G.





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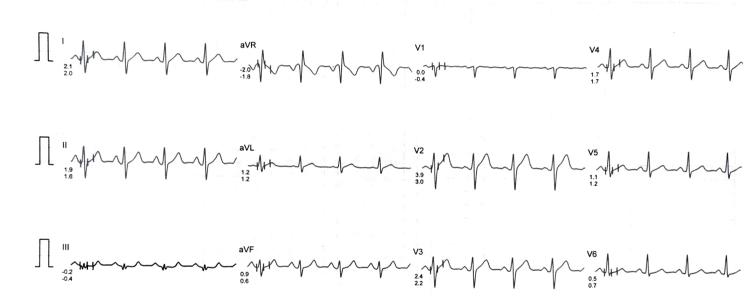


Mr. Dheeraj Singh I.D.: 835 AGE/SEX: 41/M RECORDED: 16-10-2024

RATE: 103 BPM B.P.: 140/90 mmHg HYPERVENTILATION PRETEST
STAGE TIME: 0:15

ST @ 10mm/mV 80ms PostJ

LINKED MEDIAN



GEETANJALI HOSPITAL (6)

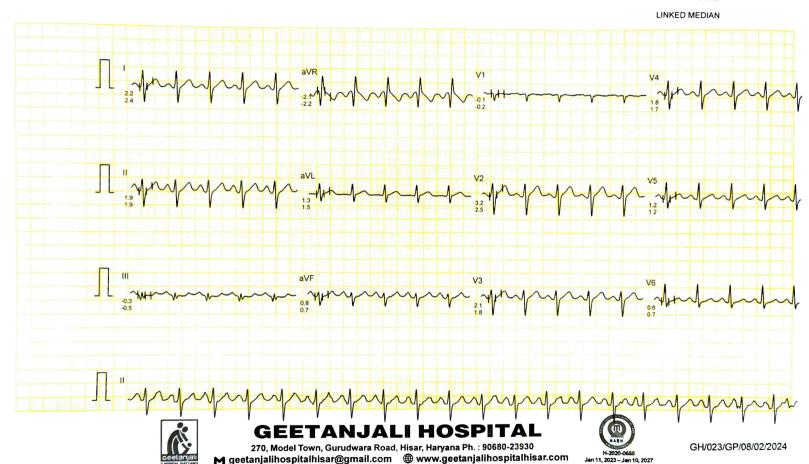
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H-2020-0688 Jan 11, 2023 – Jan 10, 2027 Since Jan 11, 2020

Mr. Dheeraj Singh I.D.:: 835 AGE/SEX:: 41/M RECORDED:: 16-10-2024

RATE: 127 BPM B.P.: 150/90 mmHg BRUCE EXERCISE 1 PHASE TIME : 2:59 STAGE TIME : 2:59 ST @ 10mm/mV 80ms PostJ SPEED: 2.7 Km./Hr. GRADE: 10.0 %



Since Jan 11, 2020

Mr. Dheeraj Singh 835 AGE/SEX: 41/M RECORDED : 16- 10-2024

RATE: 136 BPM B.P.: 150/90 mmHg **BRUCE** EXERCISE 2 PHASE TIME: 6:00 STAGE TIME: 2:59 ST @ 10mm/mV 80ms PostJ SPEED: 4.0 Km./Hr. GRADE: 12.0 %

LINKED MEDIAN



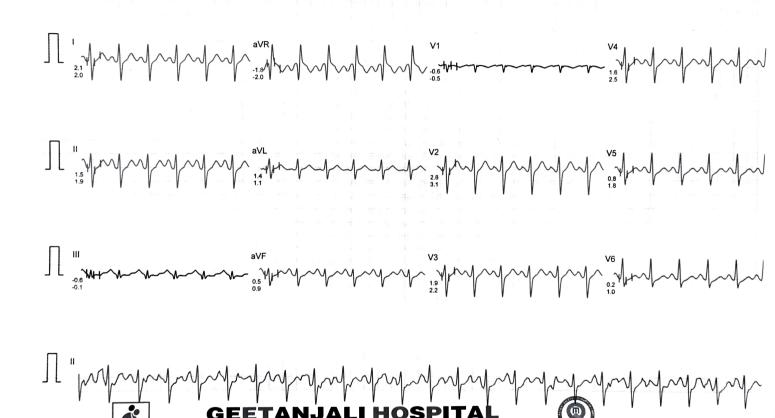
H-2020-0688

Jan 11, 2023 - Jan 10, 2027 Since Jan 11, 2020

Mr. Dheeraj Singh I.D.: 835 AGE/SEX: 41/M RECORDED: 16-10-2024

RATE: 148 BPM B.P.: 160/90 mmHg BRUCE EXERCISE 3 PHASE TIME: 9:00 STAGE TIME: 2:59 ST @ 10mm/mV 80ms PostJ SPEED: 5.4 Km./Hr. GRADE: 14.0 %

LINKED MEDIAN



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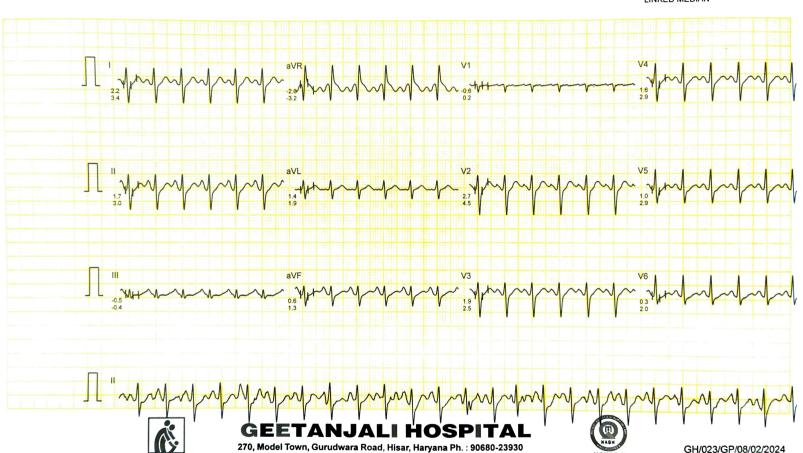
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Jan 11, 2023 – Jan 10, 2027 Since Jan 11, 2020

Mr. Dheeraj Singh I.D. : 835 AGE/SEX : 41/M RECORDED : 16-10-2024

RATE : 154 BPM B.P. : 160/90 mmHg BRUCE PEAK EXERCISE PHASE TIME : 10:49 STAGE TIME : 1:48 ST @ 10mm/mV 80ms PostJ SPEED: 6.7 Km./Hr. GRADE: 16.0 %

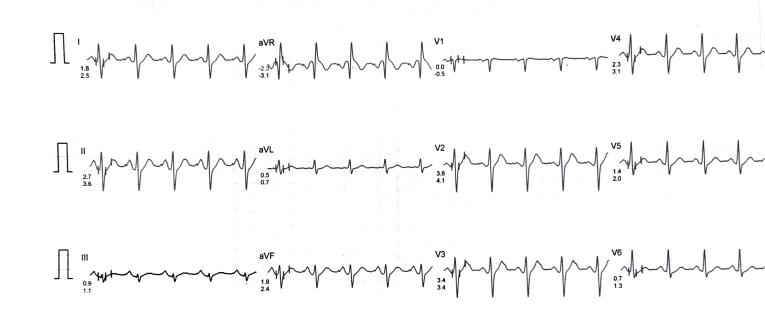
LINKED MEDIAN



H-2020-0688 Jan 11, 2023 – Jan 10, 2027 Since Jan 11, 2020 Mr. Dheeraj Singh 835 AGE/SEX: 41/M RECORDED: 16-10-2024

RATE: 118 BPM B.P.: 160/90 mmHa **BRUCE** RECOVERY PHASE TIME: 0:59 ST @ 10mm/mV 80ms PostJ SPEED: 0.0 Km./Hr. GRADE: 0.0 %

LINKED MEDIAN



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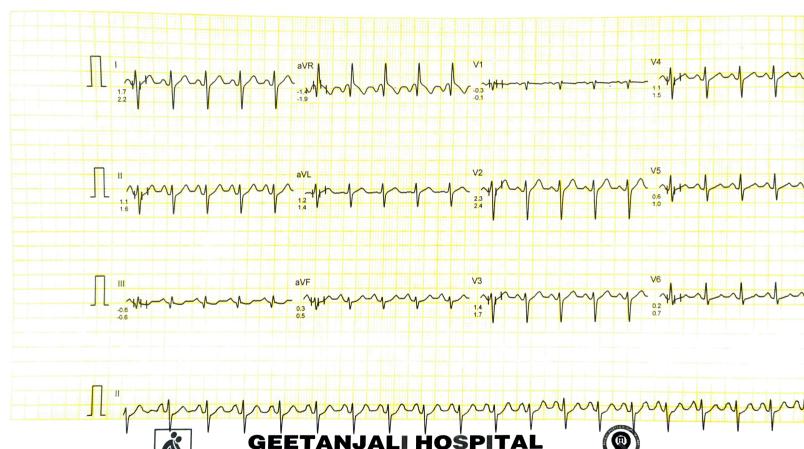




Mr. Dheeraj Singh I.D.: 835 AGE/SEX: 41/M RECORDED: 16-10-2024

RATE : 125 BPM B.P. : 140/90 mmHg BRUCE RECOVERY PHASE TIME: 2:59 ST @ 10mm/mV 80ms PostJ SPEED: 0.0 Km./Hr. GRADE: 0.0 %

LINKED MEDIAN



Jan 11, 2023 – Jan 10, 2027 Since Jan 11, 2020 GH/023/GP/08/02/2024

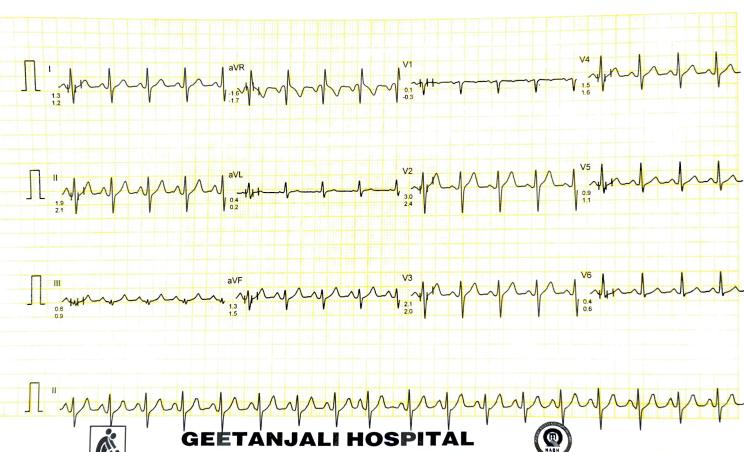
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Mr. Dheeraj Singh I.D.: 835 AGE/SEX: 41/M RECORDED: 16-10-2024

RATE : 112 BPM B.P. : 140/90 mmHg

BRUCE RECOVERY PHASE TIME: 5:59 ST @ 10mm/mV 80ms PostJ SPEED: 0.0 Km./Hr. GRADE: 0.0 %

LINKED MEDIAN



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H-2020-0688 Jan 11, 2023 – Jan 10, 2027 Since Jan 11, 2020



A Unit of Lotus Diagnostic & Imaging Solution Pvt. Ltd.

HB से लेकर MRI तक एक ही छत के नीचे

: 16/Oct/2024 01:05PM

**Visit ID** : APD7914

UHID/MR No : APD.0000007913 **Patient Name** : Mr. DHEERAJ SINGH

Age/Gender : 41 Y /M

Ref Doctor : Dr.LOTUS DIAGNOSTICS

Client Name : LOTUS

Client Add

Registration : 16/Oct/2024 10:57AM Collected : 16/Oct/2024 10:57AM

Received : 16/Oct/2024 10:59AM Reported

Client Code

Barcode No : 10007755

DEPARTMENT OF HAEMATOLOGY					
MEDIWHEEL PACKAGE					
Test Name Result Unit Bio. Ref. Range					

COMPLETE BLOOD COUNT			
Sample Type : WHOLE BLOOD EDTA			71
HAEMOGLOBIN (HB) Cyanmethemoglobin	15.3	gm/dl	13-18
Total Leucocyte Count	9800	cell/cmm	4000-11000
RBC COUNT(RED BLOOD CELL COUNT) Iso Volumetry Flowcytometry	5.6	million/cmm	4.50-6.50
PCV/HAEMATOCRIT RBC pulse height detection	48.1	%	40-50
MCV Automated/Calculated	86.2	fL	80-100
MCH Automated/Calculated	27.4	pg	27-31
MCHC Automated/Calculated	31.8	g/dl	33-36
PLATELET COUNT Optical Flowcytometry	2.18	lac/mm3	1.50 - 4.50
DLC (by Flow cytometry/Microscopy)	A 1	Carrier Control	
NEUTROPHIL	64	%	40-75
LYMPHOCYTE	27	%	20-40
MONOCYTE	06	%	2-10
EOSINOPHIL	03	%	01-07

Dr. Sulekha Singh MBBS, MD, DipRCPath Consultant Pathologist



Dr. Anshul Jain **Consultant Radiologist**  Dr. Rajesh Reddu MBBS, DMRD **Consultant Radiologist** 

Dr. Amit Verma **Echocardiography Specialist**  Dr. Sonam Aneja Consultant Pathologist

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HB से लेकर MRI तक एक ही छत के नीचे

Visit ID : APD7914

UHID/MR No : APD.0000007913

Patient Name : Mr. DHEERAJ SINGH

Age/Gender : 41 Y /M

Ref Doctor : Dr.LOTUS DIAGNOSTICS

Client Name : LOTUS

Client Add :

Registration : 16/Oct/2024 10:57AM Collected : 16/Oct/2024 10:57AM Received : 16/Oct/2024 10:59AM

Reported : 16/Oct/2024 01:05PM Client Code : 83

Barcode No : 10007755

DEPARTMENT OF HAEMATOLOGY				
MEDIWHEEL PACKAGE				
Test Name Result Unit Bio. Ref. Range				

BASOPHIL	00	%	00-02
RDW-CV Automated/Calculated	13.2	%	11.5-14.5
RDW-SD Calculated	43.7	fL	39-46
PDW Calculated	15.5	fL	8.30-25.00
MPV Calculated	11.7	fL	6.5-12.0
PCT	0.25	%	0.15-0.62
ABSOLUTE NEUTROPHIL COUNT Automated Calculated	6.27	x10^3 Cells/uL	1.5-7.8
ABSOLUTE LYMPHOCYTE COUNT Automated Calculated	2.65	x10^3 Cells/uL	2.0-3.9
ABSOLUTE MONOCYTE COUNT Automated Calculated	0.59	x10^3 Cells/uL	0.2-0.95
ABSOLUTE EOSINOPHIL COUNT Automated Calculated	0.29	x10^3 Cells/uL	0.02-0.50

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: 16/Oct/2024 01:05PM

**Visit ID** : APD7914

UHID/MR No : APD.000007913

**Patient Name** : Mr. DHEERAJ SINGH

Age/Gender : 41 Y/M

Ref Doctor : Dr.LOTUS DIAGNOSTICS

Client Name : LOTUS

Client Add

Registration : 16/Oct/2024 10:57AM Collected : 16/Oct/2024 10:57AM

Received : 16/Oct/2024 10:59AM Reported

Client Code

Barcode No : 10007755

DEPARTMENT OF HAEMATOLOGY					
MEDIWHEEL PACKAGE					
Test Name Result Unit Bio. Ref. Range					

ERYTHROCYTE SEDIMENTATION RATE			La Car
Sample Type: WHOLE BLOOD EDTA			
ERYTHROCYTE SEDIMENTATION RATE	8.00	mm/1st hr	<20
Westergren			676

COMMENTS: ESR is an acute phase reactant that indicates the presence and intensity of an inflammatory process. It is never diagnostic of a specific disease. It is used to monitor the course or response to treatment of certain diseases. Extremely high levels are found in cases of malignancy, hematologic diseases, collagen disorders, and renal diseases. Increased levels may indicate: Chronic renal failure (e.g., nephritis, nephrosis), malignant diseases (e.g., multiple myeloma, Hodgkin disease, advanced Carcinomas), bacterial infections (e.g., abdominal infections, acute pelvic inflammatory disease, syphilis, pneumonia), inflammatory diseases (e.g. temporal arteritis, polymyalgia rheumatic, rheumatoid arthritis, rheumatic fever, systemic lupus erythematosus [SLE]), necrotic diseases (e.g., acute myocardial infarction, diseases (e.g., acute myocardial infarction), necrotic tumor, gangrene of an extremity), diseases associated with increased proteins (e.g., hyperfibrinogenemia, macroglobulinemia), and severe anemias (e.g., iron deficiency or B12 deficiency).

Falsely decreased levels may indicate Sickle cell anemía, spherocytosis, hypofibrinogenemia, or polycythemia vera.

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### HB से लेकर MRI तक एक ही छत के नीचे

Visit ID : APD7914

UHID/MR No : APD.0000007913

Patient Name : Mr. DHEERAJ SINGH

Age/Gender : 41 Y /M

Ref Doctor : Dr.LOTUS DIAGNOSTICS

Client Name : LOTUS

Client Add :

Registration : 16/Oct/2024 10:57AM

Collected : 16/Oct/2024 10:57AM Received : 16/Oct/2024 10:59AM

Reported : 16/Oct/2024 03:46PM Client Code : 83

Barcode No : 10007755

DEPARTMENT OF HAEMATOLOGY					
MEDIWHEEL PACKAGE					
Test Name Result Unit Bio. Ref. Range					

BLOOD GROUP ABO & RH		12.75	
Sample Type : WHOLE BLOOD EDTA			
ABO Slide Method	AB	1400	276
Rh Typing Slide Method	POSITIVE		

#### **COMMENTS:**

The test will detect common blood grouping system A, B, O, AB and Rhesus (RhD). Unusual blood groups or rare subtypes will not be detected by this method. Further investigation by a blood transfusion laboratory, will be necessary to identify such groups.

Disclaimer: There is no trackable record of previous ABO & RH test for this patient in this lab. Please correlate with previous blood group findings.

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**Visit ID** : APD7914

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**Patient Name** : Mr. DHEERAJ SINGH

Age/Gender : 41 Y/M

Ref Doctor : Dr.LOTUS DIAGNOSTICS

Client Name : LOTUS

Client Add

Registration : 16/Oct/2024 10:57AM

Collected : 16/Oct/2024 10:57AM Received : 16/Oct/2024 10:59AM

Reported : 16/Oct/2024 12:25PM

Barcode No : 10007755

DEPARTMENT OF HAEMATOLOGY					
MEDIWHEEL PACKAGE					
Test Name Result Unit Bio. Ref. Range					

Client Code

HBA1C		1675	
Sample Type : WHOLE BLOOD EDTA			
HBA1c IMMUNOTURBIDIMETRIC	6.4	%	Normal Glucose tolerance (non- diabetic): <5.6%~Pre-diabetic: 5.7- 6.4%~Diabetic Mellitus: >6.5%
ESTIMATED AVG. GLUCOSE	137.55	mg/dl	

#### INCREASED IN

- 1. Chronic renal failure with or without hemodialysis.
- 2. Iron deficiency anemia. Increased serum triglycerides.
- 3. Alcohol.
- 4. Salicylate treatment.

#### DECREASED IN

- 1. Shortened RBC life span (hemolytic anemia, blood loss), Pregnancy.

- Ingestion of large amounts (>1g/day) of vitamin C or E.
   Hemoglobinopathies (e.g.: spherocytes) produce variable increase or decrease.
   Results of %HbA1c are not reliable in patients with chronic blood loss and consequent variable erythrocyte life span.

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Rambaksh Sharma **Consultant Radiologist** 

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HB से लेकर MRI तक एक ही छत के नीचे

Visit ID : APD7914

UHID/MR No : APD.0000007913

Patient Name : Mr. DHEERAJ SINGH

Age/Gender : 41 Y /M

Ref Doctor : Dr.LOTUS DIAGNOSTICS

Client Name : LOTUS

Client Add

Registration : 16/Oct/2024 10:57AM Collected : 16/Oct/2024 10:57AM

Received : 16/Oct/2024 10:59AM Reported : 16/Oct/2024 02:07PM

Client Code : 83

Barcode No : 10007755

DEPARTMENT OF BIOCHEMISTRY					
MEDIWHEEL PACKAGE					
Test Name Result Unit Bio. Ref. Range					

LIVER FUNCTION TEST			0.00
Sample Type : SERUM			
TOTAL BILIRUBIN Diazotized, Sulfanilic	0.58	mg/dl	0.3-1.2
CONJUGATED ( D. Bilirubin) Jendrassik & Groff	0.14	mg/dl	0.00-0.40
UNCONJUGATED ( I.D. Bilirubin) Calculated	0.44	mg/dl	0.0-0.8
TOTAL PROTEINS Biuret	7.10	gm/dl	6.40-8.30
ALBUMIN BCG	4.36	gm/dl	3.5-5.2
GLOBULIN Calculated	2.74	gm/dl	2.0-4.1
A/G RATIO Calculated	1.59		1.0-2.0
SGOT Enzymatic,IFFC	29	U/L	0.0-35.0
S.G.P.T Enzymatic,IFFC	39	U/L	0.0-45.0
ALKALINE PHOSPHATASE	72	U/I	30-120

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Barcode No : 10007755

DEPARTMENT OF BIOCHEMISTRY					
MEDIWHEEL PACKAGE					
Test Name Result Unit Bio. Ref. Range					

LIPID PROFILE			· ·
Sample Type : SERUM			
TOTAL CHOLESTEROL Cholesterol oxidase/peroxidase	202.3	mg/dl	Desirable : 80-200~Borderline: 200 - 239~High : >=240
TRIGLYCERIDES Glycerol phosphate oxidase/peroxidase	87.5	mg/dl	40-149~BorderLine : 150-199~High 200-499~Very High : >=500
H D L CHOLESTEROL Phosphotungstate/Mg- Cholesterol oxidase/ peroxidase	45.8	mg/dl	40-60
L D L CHOLESTEROL Calculated	139	mg/dl	70-106~Above Optimal : 100- 129~Borderline High : 130- 159~High : 160-189~Very High : >=190
VLDL Calculated	17.5	mg/dl	15-30
NON HDL CHOLESTEROL Calculated	156.5	mg/dl	Desirable: <130~BorderLine : 150- 199~High : 200-499~Very High : >=500
T. CHOLESTEROL/ HDL RATIO Calculated	4.42		
LDL / HDL RATIO Calculated	3.03		

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Client Code

Reported

Barcode No : 10007755

DEPARTMENT OF BIOCHEMISTRY					
MEDIWHEEL PACKAGE					
Test Name Result Unit Bio. Ref. Range					

TOTAL PROTEINS			
Sample Type : Serum		45 99	
TOTAL PROTEINS Biuret	7.10	gm/dl	6.40-8.30
ALBUMIN BCG	4.36	gm/dl	3.5-5.2
GLOBULIN Calculated	2.74	gm/dl	2.0-4.1
A/G RATIO Calculated	1.59	A 197	1.0-2.0

PLASMA GLUCOSE - FASTING		0	
Sample Type : FLOURIDE PLASMA			
Plasma Glucose Fasting	95.4	mg/dl	70-110
Glucose Oxidase/Peroxidase			

PLASMA GLUCOSE - PP				
Sample Type : FLOURIDE PLASMA (PP)				
Plasma Glucose PP Glucose Oxidase/Peroxidase	118.4	mg/dl		80-140

**INTERPRETATION:** 

**Increased In** 





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Client Code : 83

Reported

Barcode No : 10007755

DEPARTMENT OF BIOCHEMISTRY				
MEDIWHEEL PACKAGE				
Test Name Result Unit Bio. Ref. Range				

- Diabetes Mellitus
- Stress (e.g., emotion, burns, shock, anesthesia)
- Acute pancreatitis
- Chronic pancreatitis
- Wernicke encephalopathy (vitamin B1 deficiency)
- Effect of drugs (e.g. corticosteroids, estrogens, alcohol, phenytoin, thiazides)

#### **Decreased In**

- Pancreatic disorders
- Extrapancreatic tumors
- Endocrine disorders
- Malnutrition
- Hypothalamic lesions
- Alcoholism
- Endocrine disorders





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### HB से लेकर MRI तक एक ही छत के नीचे

: 16/Oct/2024 02:07PM

**Visit ID** : APD7914

UHID/MR No : APD.0000007913 **Patient Name** : Mr. DHEERAJ SINGH

Age/Gender : 41 Y /M

Ref Doctor : Dr.LOTUS DIAGNOSTICS

Client Name : LOTUS

Client Add

Registration : 16/Oct/2024 10:57AM Collected : 16/Oct/2024 10:57AM

Received : 16/Oct/2024 10:59AM Reported

Client Code

Barcode No : 10007755

DEPARTMENT OF BIOCHEMISTRY					
MEDIWHEEL PACKAGE					
Test Name Result Unit Bio. Ref. Range					

SERUM CREATININE			4
Sample Type : SERUM			
SERUM CREATININE	0.92	mg/dl	0.70-1.30
Jaffes			

#### **Increased In:**

- Diet: ingestion of creatinine (roast meat), Muscle disease: gigantism, acromegaly,
- Impaired kidney function.

#### Decreased In:

- Pregnancy: Normal value is 0.4-0.6 mg/dL. A value >0.8 mg/dL is abnormal and should alert the clinician to further diagnostic evaluation.
- Creatinine secretion is inhibited by certain drugs (e.g., cimetidine, trimethoprim).

SERUM URIC ACID				
Sample Type : Serum			7	
SERUM URIC ACID URICASE	6.19	mg/dl	2.5-6.2	

Dr. Sulekha Singh MBBS, MD, DipRCPath Consultant Pathologist



Dr. Anshul Jain **Consultant Radiologist**  Dr. Rajesh Reddu MBBS, DMRD **Consultant Radiologist** 

Dr. Amit Verma **Echocardiography Specialist**  Dr. Sonam Aneia Consultant Pathologist

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Client Code : 83

Barcode No : 10007755

DEPARTMENT OF CLINICAL PATHOLOGY				
MEDIWHEEL PACKAGE				
Test Name Result Unit Bio. Ref. Range				

URINE ROUTINE EXAMINATION			¥
Sample Type : URINE			
PHYSICAL EXAMINATION	- E		
VOLUME	15	ml	
COLOUR	PALE YELLOW	126	PALE YELLOW
TRANSPARENCY	CLEAR	1_	Clear
CHEMICAL EXAMINATION			
рН	5.50		4.6-8.0
SPECIFIC GRAVITY	1.030		1.010 - 1.030
GLUCOSE	NIL		
PROTEIN	NIL	g/dl	Nil
BILIRUBIN Azo-coupling Reaction	NIL	28	Nil
KETONES	NIL		NEGATIVE
UROBILINOGEN Ehrlichs Reaction	NIL		Nil
NITRITE Diazotization Reaction	NIL		Nil
MICROALBUMIN	NIL	mg/L	<30 (Normal) 30- 299(Microalbuminuria)

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MEDIWHEEL PACKAGE				
Test Name Result Unit Bio. Ref. Range				

PUS CELLS	7-8	/HPF	0-5/HPF
EPITHELIAL CELLS	0-1	cells/HPF	
RBCs	NIL	Cells/HPF	None seen
CRYSTALS	CALCIUM OXALATE (+++)	Nil	Nil
AMORPHOUS SEDIMENTS	NIL	175-	
Yeast Cells	NIL		
OTHER OBSERVATION Microscopy	NIL	. 4	None seen

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Registration : 16/Oct/2024 04:55PM

Collected : 16/Oct/2024 04:55PM Received : 16/Oct/2024 04:56PM Reported : 16/Oct/2024 05:37PM

Client Code : 83

Barcode No : 10007755

DEPARTMENT OF CLINICAL PATHOLOGY				
Test Name Result Unit Bio. Ref. Range				

URINE SUGAR - PP	6, 100		
Sample Type : Urine			
Result	4.00		Nil
Benedicts test		1945	<u> </u>

#### **INTERPRETATION:**

When the glucose level in blood exceeds the renal thresholds of glucose (160-180mg/dl) glucose starts to appear in urine. Glucose in urine gets excreted in diabetes mellitus. Elevated level of glucose in urine may also be a result of renal glucosuria. Other causes of glucose in urine are hyperthyroidism, high sugar diet, liver cirrhosis.

URINE FOR SUGAR - FASTING			
Sample Type : Urine			=""-"
Result	2.50	•3	Nil
Benedicts test			

#### INTERPRETATION:

When the glucose level in blood exceeds the renal thresholds of glucose (160-180mg/dl) glucose starts to appear in urine. Glucose in urine gets excreted in diabetes mellitus. Elevated level of glucose in urine may also be a result of renal glucosuria. Other causes of glucose in urine are hyperthyroidism, high sugar diet, liver cirrhosis.





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DEPARTMENT OF HORMONE ASSAYS				
MEDIWHEEL PACKAGE				
Test Name Result Unit Bio. Ref. Range				

THYROID PROFILE (T3,T4,TSH)		2.57		
Sample Type : SERUM				
T3 CLIA	1.72	ng/ml	0.80-2.10	
T4 CLIA	8.89	ug/dl	5.20-12.70	
TSH CLIA	6.500	uIU/mL	0.3-4.5	

#### INTERPRETATION:

- 1. Serum T3, T4 and TSH are the measurements form three components of thyroid screening panel and are useful in diagnosing various disorders of thyroid gland function.
- 2. Primary hyperthyroidism is accompanied by elevated serum T3 and T4 values along with depressed TSH levels.
- 3. Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH levels. 4. Normal T4 levels accompanied by high T3 levels are seen in patients with T3 thyrotoxicosis. Slightly elevated T3 levels may be found in pregnancy and in estrogen therapy while depressed levels may be encountered in severe illness, malnutrition, renal failure and during therapy with drugs like propanolol and propylthiouracil.
- 5. Although elevated TSH levels are nearly always indicative of primary hypothyroidism, rarely they can result from TSH secreting pituitary tumors (secondary hyperthyroidism).
- 6. Low levels of Thyroid hormones (T3, T4 & FT3, FT4) are seen in cases of primary, secondary and tertiary hypothyroidism and sometimes in non-thyroidal illness also.
- 7. Increased levels are found in Grave's disease, hyperthyroidism and thyroid hormone resistance.
- 8. TSH levels are raised in primary hypothyroidism and are low in hyperthyroidism and secondary hypothyroidism.

  9. REFERENCE RANGE:

REFERENCE RANGE .				
PREGNANCY	TSH in ng/mL			
1st Trimester	1.20-3.39			
2nd Trimester	1.36-3.18			
3rd Trimester	1.22-2.60			





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DEPARTMENT OF HORMONE ASSAYS				
MEDIWHEEL PACKAGE				
Test Name Result Unit Bio. Ref. Range				

Age	TSH in ng/mL
1-3 years	0.57-2.48
3-6 years	0.59-2.37
6-12 years	0.80-2.59
12-18 years	0.97-2.22

( References range recommended by the American Thyroid Association)

Comments:

1. During pregnancy, Free thyroid profile (FT3, FT4 & Ultra-TSH) is recommended.

2. TSH levels are subject to circadian variation, reaches peak levels between 2-4 AM and at a minimum between 6-10 PM. The variation of the day has influence on the measured serum TSH concentrations.





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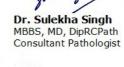
DEPARTMENT OF HORMONE ASSAYS				
Test Name Result Unit Bio. Ref. Range				

PROSTATE SPECIFIC ANTIGEN (PSA) - TOTAL			
Sample Type : SERUM			
PROSTATE SPECIFIC ANTIGEN CLIA	2.04	ng/mL	0-4

#### **INTERPRETATION:**

Raised Total PSA levels may indicate prostate cancer, benign prostate hypertation (BPH), or inflammation of the prostate. Prostate manipulation by biopsy or rigorous physical activity may temporarily elevate PSA levels. The blood test should be done before surgery or six weeks after manipulation. The total PSA may be ordered at regular intervals during treatment of men who have been diagnosed with Prostate cancer and in prostatic cancer cases under observation.

\*\*\* End Of Report \*\*\*





lambaksh Sharma **Consultant Radiologist** 

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Dr. Amit Verma **Echocardiography Specialist**  Dr. Sonam Aneia Consultant Pathologist

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Age / Gender:

41/Male 38436

Date and Time: 16th Oct 24 1:11 PM

Patient ID:

Dheeraj singh Patient Name:

