

# INDRA DIAGNOSTIC CENTRE

Add: Indra Deep Complex, Sanjay Gandhi Puram, Faizabad Road, Indira Nagar

Ph: 7706041643,7706041644

CIN : U85196UP1992PLC014075



Patient Name	: Mrs.KUMKUM SINGH	Registered On	: 10/Jul/2021 10:12:14
Age/Gender	: 45 Y 0 M 19 D /F	Collected	: N/A
UHID/MR NO	: IDCD.0000113881	Received	: N/A
Visit ID	: IDCD0174122122	Reported	: 10/Jul/2021 16:24:18
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF CARDIOLOGY

2D ECHO \*

### 2D ECHO & COLOUR DOPPLER REPORT

#### 2D ECHO & M-MODE EXAMINATION VALUES

#### AORTIC VALVE STUDY

AORTIC ROOT	22	mm
ALS	15	mm
LEFT ATRIUM DIAMETER	23	mm

#### LEFT VENTRICLE

IVS :	8	ES : 16	EDV :111ML
IVPW :	7	ES : 14	EDV : 38ML
LVID D :	48	Cm	
LVID S :	31	Cm	

EJECTION FRACTION : 65 % ( 60 ± 7 %)

SV (Teich)

SHORTENING FRACTION: 36 % (30 ± 5%)

#### RIGHT VENTRICLE

ID: 20 mm (7-26 mm)

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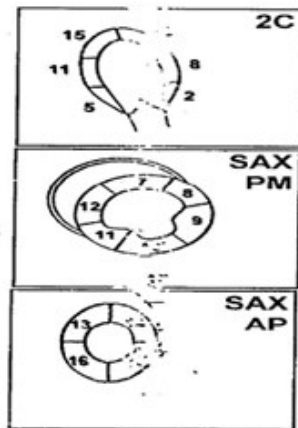
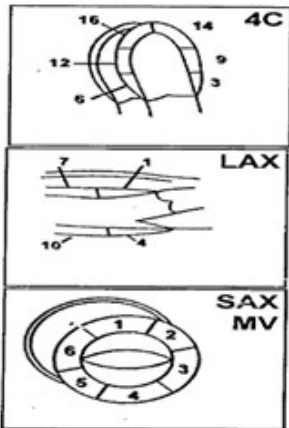


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## DEPARTMENT OF CARDIOLOGY

### DIMENSIONAL IMAGING

MITRAL VALVE : Normal  
AORTIC VALVE : Normal  
PULMONARY VALVE : Normal  
TRICUSPID VALVE : Normal  
INTER VENTRICULAR SEPTA : Normal  
INTERATRIAL SEPTUM : Normal  
INTRACARDIAC CLOT / VEGETATION / MYXOMA : Absent  
LEFT ATRIUM : Normal  
LEFT VENTRICLE : Normal  
RIGHT VENTRICLE : Normal  
RIGHT ATRIUM : Normal  
PERICARDIUM : Normal  
OTHER : NO LVH, NO RWMA .



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## DEPARTMENT OF CARDIOLOGY

### COLOUR FLOW MAPPING

#### **NORMAL DOPPLER STUDY**

	VELOCITY cm/s	FLOW PATTERN	GRADIENT
<b>MITRAL FLOW</b>	<b>E:83 A:79</b>	NORMAL	0/4
<b>AORTIC FLOW</b>	76	NORMAL	0/4
<b>TRICUSPID FLOW</b>	-	NORMAL	0/4
<b>PULMONARY FLOW</b>	70	NORMAL	0/4

#### **SUMMARY OF FINDINGS AND ECHOCARDIOGRAPHY DIAGNOSIS**

- LV IS NORMAL IN SIZE AND EJECTION FRACTION . NO LVH . NO RWMA
- NORMAL INTRA CARDIAC DOPPLER FLOW PATTERN
- OTHER PARAMETER WITHIN NORMAL RANGE

Dr. Naveen Chandra  
MD,DM

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UHID/MR NO	: IDCD.0000113881	Received	: 10/Jul/2021 11:15:07
Visit ID	: IDCD0174122122	Reported	: 10/Jul/2021 13:45:33
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF HAEMATOLOGY

Test Name	Result	Unit	Bio. Ref. Interval	Method
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### Blood Group (ABO & Rh typing) \* , Blood

Blood Group	O
Rh ( Anti-D)	POSITIVE

### COMPLETE BLOOD COUNT (CBC) \* , Blood

Haemoglobin	<b>11.70</b>	g/dl	13.5-17.5	PHOTOMETRIC
TLC (WBC)	7,600.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE

#### DLC

Polymorphs (Neutrophils )	64.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	30.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	<b>1.00</b>	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	5.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	< 1	ELECTRONIC IMPEDANCE

#### ESR

Observed	24.00	Mm for 1st hr.
Corrected	14.00	Mm for 1st hr. < 20
PCV (HCT)	<b>35.00</b>	cc % 40-54

#### Platelet count

Platelet Count	2.0	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE
PDW (Platelet Distribution width)	15.60	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	46.60	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.22	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	<b>12.50</b>	fL	6.5-12.0	ELECTRONIC IMPEDANCE

#### RBC Count

RBC Count	4.46	Mill./cu mm	3.7-5.0	ELECTRONIC IMPEDANCE
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## DEPARTMENT OF HAEMATOLOGY

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>Blood Indices (MCV, MCH, MCHC)</b>				
MCV	<b>77.20</b>	fl	80-100	CALCULATED PARAMETER
MCH	<b>26.30</b>	pg	28-35	CALCULATED PARAMETER
MCHC	34.10	%	30-38	CALCULATED PARAMETER
RDW-CV	14.40	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	41.50	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	4,864.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	380.00	/cu mm	40-440	

Dr. Shoaib Irfan (MBBS, MD, PDCC)

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Age/Gender	: 45 Y 0 M 19 D /F	Collected	: 10/Jul/2021 15:08:14
UHID/MR NO	: IDCD.0000113881	Received	: 10/Jul/2021 16:30:41
Visit ID	: IDCD0174122122	Reported	: 10/Jul/2021 17:19:50
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>Glucose Fasting</b> <i>Sample:Plasma</i>	102.00	mg/dl	< 100 Normal 100-125 Pre-diabetes ≥ 126 Diabetes	GOD POD

### Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.

<b>Glucose PP</b> <i>Sample:Plasma After Meal</i>	154.60	mg/dl	<140 Normal 140-199 Pre-diabetes >200 Diabetes	GOD POD
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### Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetics in future, which is why an Annual Health Check up is essential.
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## DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Unit	Bio. Ref. Interval	Method
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### GLYCOSYLATED HAEMOGLOBIN (HbA1c) \*\*, EDTA BLOOD

Glycosylated Haemoglobin (HbA1c)	5.20	% NGSP		HPLC (NGSP)
Glycosylated Haemoglobin (Hb-A1c)	33.00	mmol/mol/IFCC		
Estimated Average Glucose (eAG)	102	mg/dl		

### Interpretation:

#### NOTE:-

- eAG is directly related to A1c.
- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes management.

The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy and the age of the patient should also be considered in assessing the degree of blood glucose control.

Haemoglobin A1C (%)NGSP	mmol/mol / IFCC Unit	eAG (mg/dl)	Degree of Glucose Control Unit
> 8	>63.9	>183	Action Suggested*
7-8	53.0 -63.9	154-183	Fair Control
< 7	<63.9	<154	Goal**
6-7	42.1 -63.9	126-154	Near-normal glycemia
< 6%	<42.1	<126	Non-diabetic level

\*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc.

\*\*Some danger of hypoglycemic reaction in Type 1diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.

N.B. : Test carried out on Automated G8 90 SL TOSOH HPLC Analyser.

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### Clinical Implications:

\*Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.

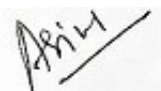
\*With optimal control, the HbA 1c moves toward normal levels.

\*A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated \*Increases in glycosylated hemoglobin occur in the following non-diabetic conditions: a. Iron-deficiency anemia b. Splenectomy  
c. Alcohol toxicity d. Lead toxicity

\*Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss

\*Pregnancy d. chronic renal failure. Interfering Factors:

\*Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.

  
Dr. Anupam Singh  
M.B.B.S.,M.D.(Pathology)



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Test Name	Result	Unit	Bio. Ref. Interval	Method
<b>BUN (Blood Urea Nitrogen) *</b> <i>Sample:Serum</i>	8.31	mg/dL	7.0-23.0	CALCULATED
<b>Creatinine</b> <i>Sample:Serum</i>	0.72	mg/dl	0.5-1.2	MODIFIED JAFFES
<b>e-GFR (Estimated Glomerular Filtration Rate)</b> <i>Sample:Serum</i>	87.60	ml/min/1.73m <sup>2</sup>	- 90-120 Normal - 60-89 Near Normal	CALCULATED
<b>Uric Acid</b> <i>Sample:Serum</i>	4.29	mg/dl	2.5-6.0	URICASE
<b>L.F.T.(WITH GAMMA GT) * , Serum</b>				
SGOT / Aspartate Aminotransferase (AST)	30.70	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	15.90	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	21.70	IU/L	11-50	OPTIMIZED SZAZING
Protein	7.06	gm/dl	6.2-8.0	BIRUET
Albumin	3.93	gm/dl	3.8-5.4	B.C.G.
Globulin	3.13	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.26		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	98.90	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	0.39	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.18	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.21	mg/dl	< 0.8	JENDRASSIK & GROF
<b>LIPID PROFILE ( MINI ) * , Serum</b>				
Cholesterol (Total)	206.00	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	44.10	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	139	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optimal 130-159 Borderline High 160-189 High > 190 Very High	CALCULATED
VLDL	23.20	mg/dl	10-33	CALCULATED
Triglycerides	116.00	mg/dl	< 150 Normal 150-199 Borderline High 200-499 High	GPO-PAP

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## DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Unit	Bio. Ref. Interval	Method
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>500 Very High

Dr. Shoaib Irfan (MBBS, MD, PDCC)

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## DEPARTMENT OF CLINICAL PATHOLOGY

Test Name	Result	Unit	Bio. Ref. Interval	Method
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### URINE EXAMINATION, ROUTINE \* , Urine

Color	CLEAR			
Specific Gravity	1.005			
Reaction PH	Acidic ( 6.0 )			DIPSTICK
Protein	ABSENT	mg %	< 10 Absent 10-40 (+) 40-200 (++) 200-500 (+++) > 500 (++++)	DIPSTICK
Sugar	ABSENT	gms%	< 0.5 (+) 0.5-1.0 (++) 1-2 (+++) > 2 (++++)	DIPSTICK
Ketone	ABSENT			DIPSTICK
Bile Salts	ABSENT			
Bile Pigments	ABSENT			
Urobilinogen(1:20 dilution)	ABSENT			
<b>Microscopic Examination:</b>				
Epithelial cells	2-3/h.p.f			MICROSCOPIC EXAMINATION
Pus cells	ABSENT			MICROSCOPIC EXAMINATION
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC EXAMINATION
Others	ABSENT			

### STOOL R/M \* , Stool

Color	BROWNISH
Consistency	SEMI SOLID
Reaction (PH)	Acidic ( 6.0 )
Mucus	ABSENT
Blood	ABSENT
Worm	ABSENT
Pus cells	ABSENT
RBCs	ABSENT

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## DEPARTMENT OF CLINICAL PATHOLOGY

Test Name	Result	Unit	Bio. Ref. Interval	Method
Ova	ABSENT			
Cysts	ABSENT			
Fungal element	ABSENT			
Others	ABSENT			

### SUGAR, FASTING STAGE \* , Urine

Sugar, Fasting stage	ABSENT	gms%
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#### Interpretation:

(+) < 0.5  
(++) 0.5-1.0  
(+++) 1-2  
(++++> 2

### SUGAR, PP STAGE \* , Urine

Sugar, PP Stage	ABSENT
-----------------	--------

#### Interpretation:

(+) < 0.5 gms%  
(++) 0.5-1.0 gms%  
(+++) 1-2 gms%  
(++++> 2 gms%

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## DEPARTMENT OF IMMUNOLOGY

Test Name	Result	Unit	Bio. Ref. Interval	Method
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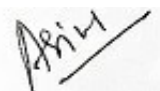
### THYROID PROFILE - TOTAL \*\*, Serum

T3, Total (tri-iodothyronine)	125.62	ng/dl	84.61-201.7	CLIA
T4, Total (Thyroxine)	9.36	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	4.94	μIU/mL	0.27 - 5.5	CLIA

### Interpretation:

0.3-4.5	μIU/mL	First Trimester
0.4-4.2	μIU/mL	Adults 21-54 Years
0.5-4.6	μIU/mL	Second Trimester
0.5-8.9	μIU/mL	Adults 55-87 Years
0.7-64	μIU/mL	Child(21 wk - 20 Yrs.)
0.7-27	μIU/mL	Premature 28-36 Week
0.8-5.2	μIU/mL	Third Trimester
1-39	μIU/mL	Child 0-4 Days
1.7-9.1	μIU/mL	Child 2-20 Week
2.3-13.2	μIU/mL	Cord Blood > 37Week

- 1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.
- 2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.
- 3) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- 4) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- 5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.
- 6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
- 7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.
- 8) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

  
Dr. Anupam Singh  
M.B.B.S.,M.D.(Pathology)

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## DEPARTMENT OF X-RAY

### X-RAY DIGITAL CHEST PA \*

(500 mA COMPUTERISED UNIT SPOT FILM DEVICE)

### DIGITAL CHEST P-A VIEW

- Soft tissue shadow appears normal.
- Bony cage is normal.
- Diaphragmatic shadows are normal on both sides.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Pulmonary vascularity & distribution are normal.
- Pulmonary parenchyma did not reveal any significant lesion.
- **CORADS-1**

**IMPRESSION : N O R M A L S K I A G R A M**

Dr. Anil Kumar Verma  
(MBBS,DMRD)

# INDRA DIAGNOSTIC CENTRE

Add: Indra Deep Complex, Sanjay Gandhi Puram, Faizabad Road, Indira Nagar

Ph: 7706041643,7706041644

CIN : U85196UP1992PLC014075



Patient Name	: Mrs.KUMKUM SINGH	Registered On	: 10/Jul/2021 10:12:15
Age/Gender	: 45 Y O M 19 D /F	Collected	: N/A
UHID/MR NO	: IDCD.0000113881	Received	: N/A
Visit ID	: IDCD0174122122	Reported	: 10/Jul/2021 12:32:41
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

## DEPARTMENT OF ULTRASOUND

### ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) \*

#### LIVER

- Liver is normal in size (~ 131 mm) and has a normal homogenous echo texture.
- No obvious focal lesion is seen. The intra-hepatic biliary radicles are normal.
- Portal vein is normal (~ 7.5 mm) in caliber.

#### GALL BLADDER & CBD

- The gall bladder is normal in size and has regular walls. Lumen of the gall bladder is anechoic. No wall thickening or pericholecystic fluid noted.
- Visualised proximal common bile duct is normal (~ 3.5 mm) in caliber.

#### PANCREAS

- The pancreas is normal in size and shape and has a normal homogenous echotexture. Pancreatic duct is not dilated.

#### KIDNEYS

- Both the kidneys are normal in size and echotexture.
- Right kidney measures ~ 99 x 36 mm.
- Left kidney measures ~ 95 x 37 mm.
- The collecting system of both the kidneys is normal and cortico-medullary demarcation is clear.

#### SPLEEN

- The spleen is normal in size and has a normal homogenous echo-texture.

#### LYMPH NODES

- No significant lymph node noted.

#### URINARY BLADDER

- Urinary bladder is well distended. Bladder wall is normal in thickness and is regular.

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## DEPARTMENT OF ULTRASOUND

### UTERUS & CERVIX

- The uterus is anteverted and measures ~ 88 x 44 x 37 mm.
- It has a homogenous myometrial echotexture.
- The endometrial echo is in mid line and measures ~ 7.4 mm.
- **Cervix appear mildly bulky in size & measures ~ 41 x 33 mm, having few nabothian cysts seen in cervix, largest measuring ~ 8 x 7 mm. Cervico vesical interface appears normal on USG.**  
(Adv:- Pap smear correlation if clinically indicated)

### ADNEXA & OVARIES

- Adnexa appear normal.
- Both ovaries are normal in size and echotexture.
- Right ovary measures ~ 33 x 16 mm.
- **Small simple follicular cyst measuring ~ 21 x 16 mm seen within left ovary.**

### IMPRESSION

- **Mild bulky cervix with few nabothian cysts seen in cervix. (Adv:- Pap smear correlation if clinically indicated)**

Typed by- shanaya

(This report is an expert opinion & not a diagnosis. Kindly intimate us immediately or within 7 days for any reporting / typing error or any query regarding sonographic correlation of clinical findings)

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

(\*) Test not done under NABL accredited Scope, (\*\*) Test Performed at Chandan Speciality Lab.

Result/s to Follow:

GENERAL PHYSICAL EXAM, ECG / EKG

Dr. Anil Kumar Verma  
(MBBS, DMRD)

This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days.

Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Conduction Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing \*  
365 Days Open \*Facilities Available at Select Location