



CHANDAN DIAGNOSTIC CENTRE

Add: Opp. Vishal Megamart, Nainital Road, Haldwani
Ph: ,9235400975
CIN : U85110DL2003PLC308206



Patient Name	: Mrs.RENU	Registered On	: 10/Aug/2022 10:50:24
Age/Gender	: 27 Y 2 M 23 D /F	Collected	: 10/Aug/2022 11:00:35
UHID/MR NO	: CHLD.0000082145	Received	: 10/Aug/2022 11:24:25
Visit ID	: CHLD0069342223	Reported	: 10/Aug/2022 15:19:05
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

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) * , Whole Blood

Haemoglobin	13.20	g/dl	1 Day- 14.5-22.5 g/dl 1 Wk- 13.5-19.5 g/dl 1 Mo- 10.0-18.0 g/dl 3-6 Mo- 9.5-13.5 g/dl 0.5-2 Yr- 10.5-13.5 g/dl 2-6 Yr- 11.5-15.5 g/dl 6-12 Yr- 11.5-15.5 g/dl 12-18 Yr 13.0-16.0 g/dl Male- 13.5-17.5 g/dl Female- 12.0-15.5 g/dl
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TLC (WBC)	6,600.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
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DLC

Polymorphs (Neutrophils)	60.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	34.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	1.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	5.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	<1	ELECTRONIC IMPEDANCE

ESR

Observed	14.00	Mm for 1st hr.	
Corrected	10.00	Mm for 1st hr.	< 20
PCV (HCT)	41.00	cc %	40-54

Platelet count

Platelet Count	2.24	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.30	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	40.70	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.25	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	11.70	fL	6.5-12.0	ELECTRONIC IMPEDANCE

RBC Count

RBC Count	4.66	Mill./cu mm	3.7-5.0	ELECTRONIC IMPEDANCE
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MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Indices (MCV, MCH, MCHC)				
MCV	83.60	fl	80-100	CALCULATED PARAMETER
MCH	28.40	pg	28-35	CALCULATED PARAMETER
MCHC	34.00	%	30-38	CALCULATED PARAMETER
RDW-CV	12.40	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	36.50	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	3,960.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	330.00	/cu mm	40-440	




Dr Vinod Ojha
MD Pathologist





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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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GLUCOSE FASTING , Plasma

Glucose Fasting	81.45	mg/dl	< 100 Normal 100-125 Pre-diabetes ≥ 126 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 diabetes in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.

Glucose PP

Sample: Plasma After Meal

114.74	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 diabetes in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.

GLYCOSYLATED HAEMOGLOBIN (HBA1C) * , EDTA BLOOD

Glycosylated Haemoglobin (HbA1c)	4.80	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	29.00	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	91	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.





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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 1 diabetics. 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.

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.





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Test Name	Result	Unit	Bio. Ref. Interval	Method
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BUN (Blood Urea Nitrogen)

Sample:Serum

9.56 mg/dL 7.0-23.0 CALCULATED

Creatinine

Sample:Serum

0.65 mg/dl 0.5-1.3 MODIFIED JAFFES

Uric Acid

Sample:Serum

4.23 mg/dl 2.5-6.0 URICASE

LFT (WITH GAMMA GT) * , Serum

SGOT / Aspartate Aminotransferase (AST)	18.41	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	29.43	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	11.20	IU/L	11-50	OPTIMIZED SZAZING
Protein	7.27	gm/dl	6.2-8.0	BIRUET
Albumin	4.26	gm/dl	3.8-5.4	B.C.G.
Globulin	3.01	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.42		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	127.26	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	1.48	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.54	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.94	mg/dl	< 0.8	JENDRASSIK & GROF

LIPID PROFILE (MINI) , Serum

Cholesterol (Total)	174.94	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	50.60	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	114	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optimal 130-159 Borderline High 160-189 High > 190 Very High	CALCULATED
VLDL	13.00	mg/dl	10-33	CALCULATED
Triglycerides	65.00	mg/dl	< 150 Normal 150-199 Borderline High 200-499 High >500 Very High	GPO-PAP



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MD Pathologist





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Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

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

Color	PALE YELLOW			
Specific Gravity	1.030			
Reaction PH	Acidic (5.0)			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	mg/dl	0.2-2.81	BIOCHEMISTRY
Bile Salts	ABSENT			
Bile Pigments	ABSENT			
Urobilinogen(1:20 dilution)	ABSENT			
Microscopic Examination:				
Epithelial cells	OCCASIONAL			MICROSCOPIC EXAMINATION
Pus cells	OCCASIONAL			MICROSCOPIC EXAMINATION
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC EXAMINATION
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





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DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

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

T3, Total (tri-iodothyronine)	126.70	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	11.60	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	1.90	μIU/mL	0.27 - 5.5	CLIA

Interpretation:

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

- 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.




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Visit ID	: CHLD0069342223	Reported	: 10/Aug/2022 15:09:16
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd.	Status	: Final Report

DEPARTMENT OF X-RAY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

X-RAY DIGITAL CHEST PA *

(500 mA COMPUTERISED UNIT SPOT FILM DEVICE)

DIGITAL CHEST P-A VIEW:-

- Bilateral lung fields appear grossly unremarkable.
- Diaphragmatic shadows are normal on both sides.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Bilateral hilar shadows are normal.
- Pulmonary vascularity & distribution are normal.
- Soft tissue shadow appears normal.
- Bony cage is normal.

IMPRESSION:-

No significant abnormality is seen.

Adv:-Clinico-pathological correlation.



Dr Sushil Pandey(MD Radiodignosis)





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DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) **

ULTRASOUND WHOLE ABDOMEN

LIVER: Is normal in size (~15cms) and normal in echotexture. No SOL seen. No dilatation of IHBR seen. Hepatic vessels are normal. Portal vein is patent.

GALL BLADDER: Lumen anechoic, wall is normal in thickness. No pericholecystic fluid seen.

CBD: Normal in caliber and smoothly tapering towards its lower end.

PANCREAS : Normal in size and echotexture.

SPLEEN: Normal in size(~10.6cms) and echotexture.

KIDNEYS:

Right kidney normal in size, shape and echotexture with maintained CM differentiation. No dilatation of PC system is seen. No calculus seen.

Left kidney normal in size, shape and echotexture with maintained CM differentiation. No dilatation of PC system is seen. No calculus seen.

URINARY BLADDER: Is empty, hence pelvis structures could not be assessed.

No evidence of any free fluid/retroperitoneal lymphadenopathy.

IMPRESSION:- Normal study for upper abdomen.

(Adv:- Clinico-pathological correlation and further evaluation).

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

(**) Test Performed at CHANDAN DIAGNOSTIC CENTRE, HALDWANI-2



W:
NE EXAMINATION, SUGAR, PP STAGE, ECG / EKG

Dr Sushil Pandey(MD Radiodignosis)

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.

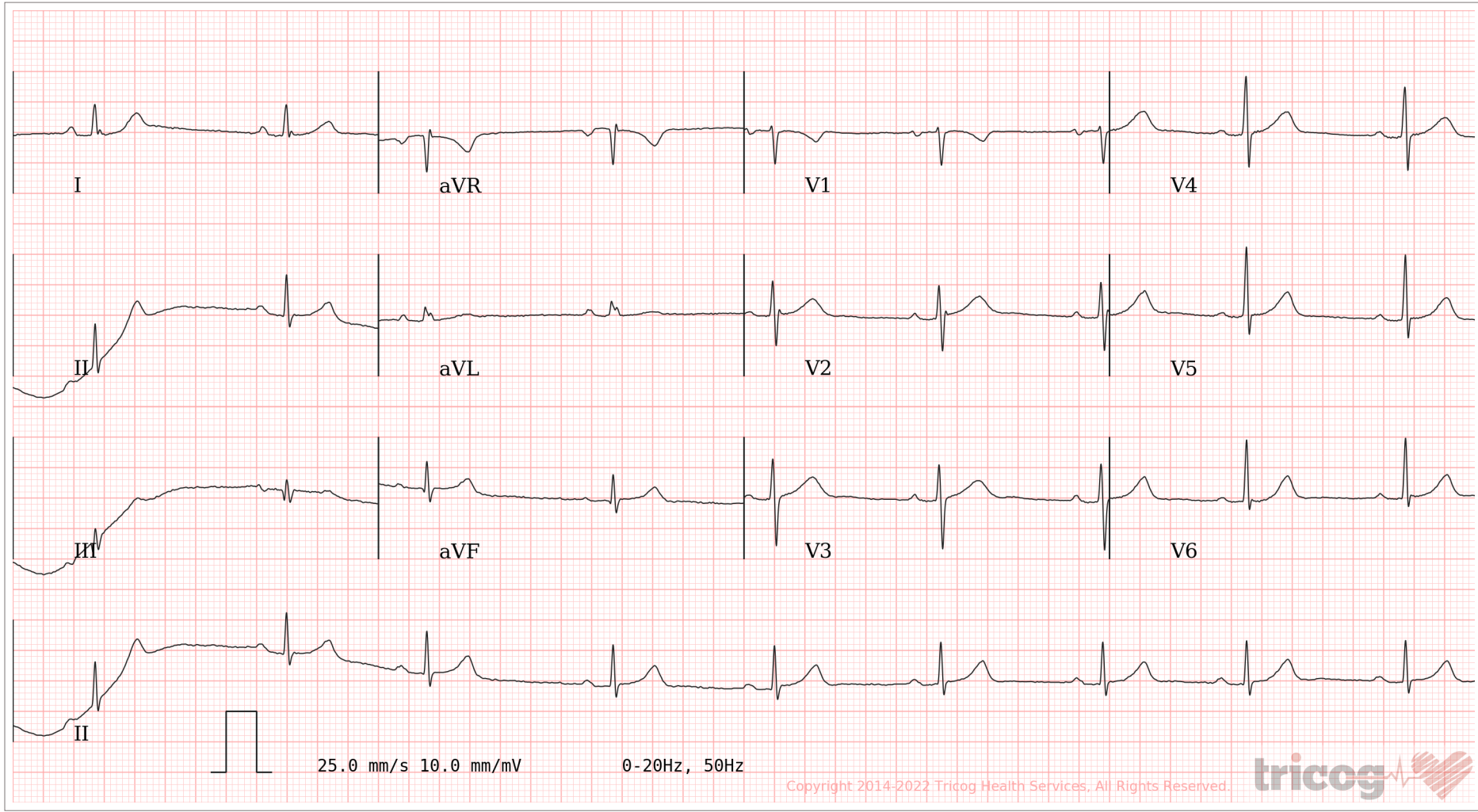
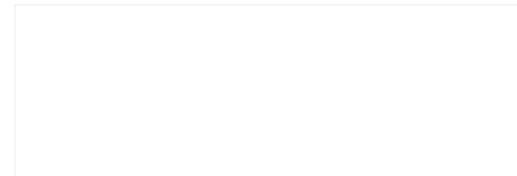
Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Condition 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





Age / Gender: 27/Female
Patient ID: CHLD0069342223
Patient Name: Mrs.RENU

Date and Time: 10th Aug 22 11:36 AM



AR: 56bpm VR: 56bpm QRSD: 74ms QT: 404ms QTc: 389ms PRI: 184ms P-R-T: 18° 31° 47°

ECG Within Normal Limits: Sinus Bradycardia, with Sinus Arrhythmia. Baseline artefacts. Please correlate clinically.

AUTHORIZED BY

Dr. Charit
MD, DM: Cardiology

REPORTED BY

Dr Kavitha Girish

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