

Customer Name	MRS.ARCHANA KUMARI	Customer ID	MED111034635
Age & Gender	26Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel		

2 D ECHOCARDIOGRAPHIC STUDY

M mode measurement:

AORTA	:	2.4cms
LEFT ATRIUM	:	2.5cms
LEFT VENTRICLE (DIASTOLE)	:	4.1cms
(SYSTOLE)	:	2.3cms
VENTRICULAR SEPTUM (DIASTOLE)	:	0.8cms
(SYSTOLE)	:	1.1cms
POSTERIOR WALL (DIASTOLE)	:	0.8cms
(SYSTOLE)	:	1.1cms
EDV	:	71ml
ESV	:	28ml
FRACTIONAL SHORTENING	:	35%
EJECTION FRACTION	:	61%
RVID	:	1.5cms

DOPPLER MEASUREMENTS:

MITRAL VALVE	:	'E' - 0.79m/s	'A' - 0.30m/s	NO MR
AORTIC VALVE	:	1.05m/s		NO AR
TRICUSPID VALVE	:	'E' - 0.75m/s	'A' - 0.30m/s	NO TR
PULMONARY VALVE	:	0.71m/s		NO PR

Customer Name	MRS.ARCHANA KUMARI	Customer ID	MED111034635
Age & Gender	26Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel		

2D ECHOCARDIOGRAPHY FINDINGS:

Left ventricle : Normal size, Normal systolic function.
No regional wall motion abnormalities.

Left Atrium : Normal.

Right Ventricle : Normal.

Right Atrium : Normal.

Mitral valve : Normal, No mitral valve prolapsed.

Aortic valve : Normal, Trileaflet.

Tricuspid valve : Normal.

Pulmonary valve : Normal.

IAS : Intact.

IVS : Intact.

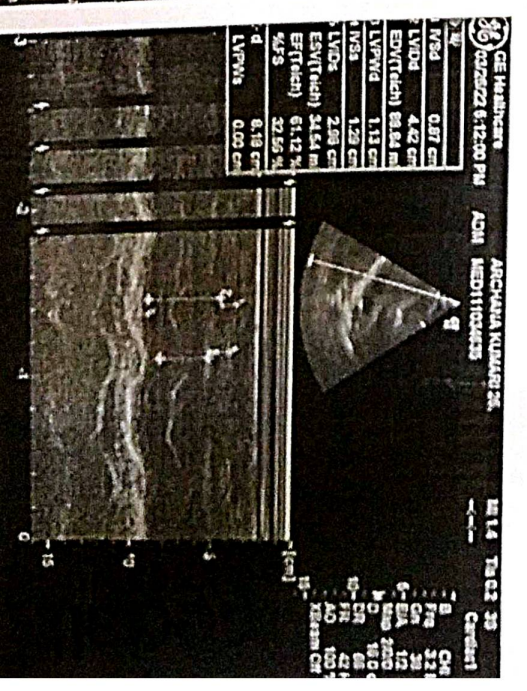
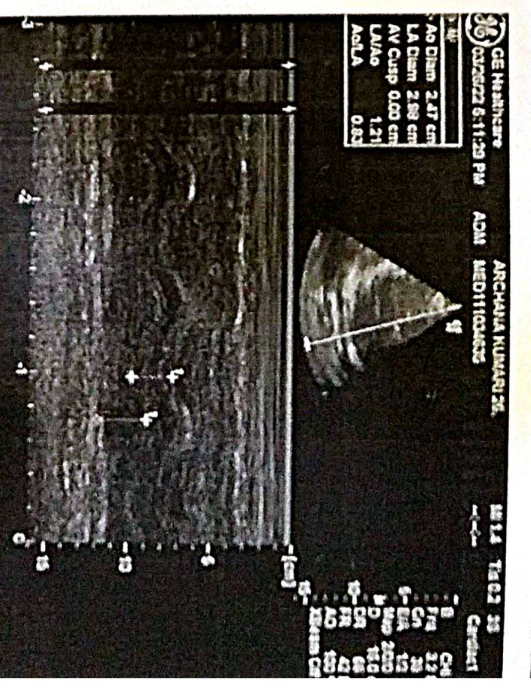
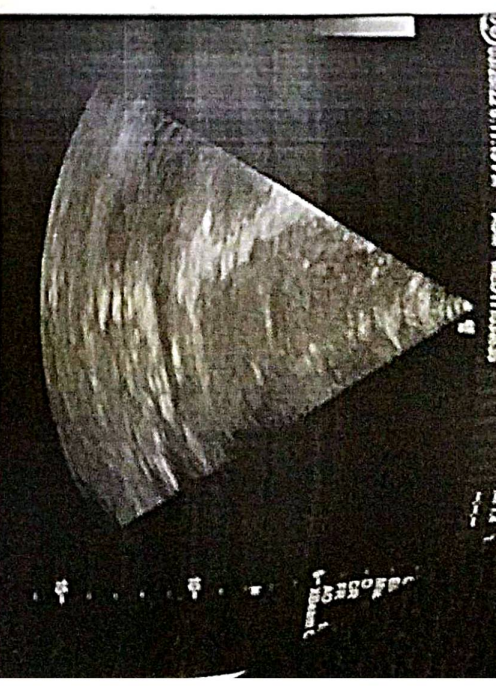
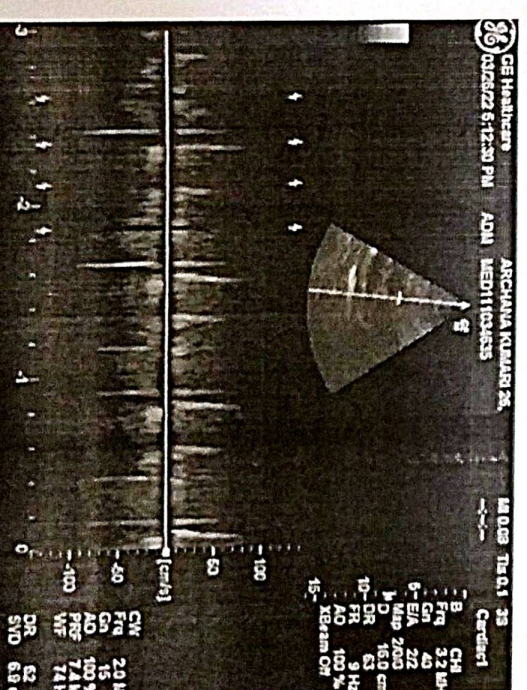
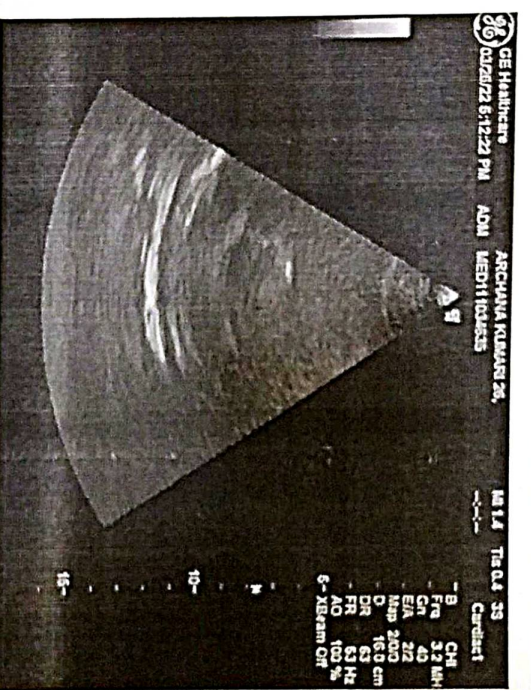
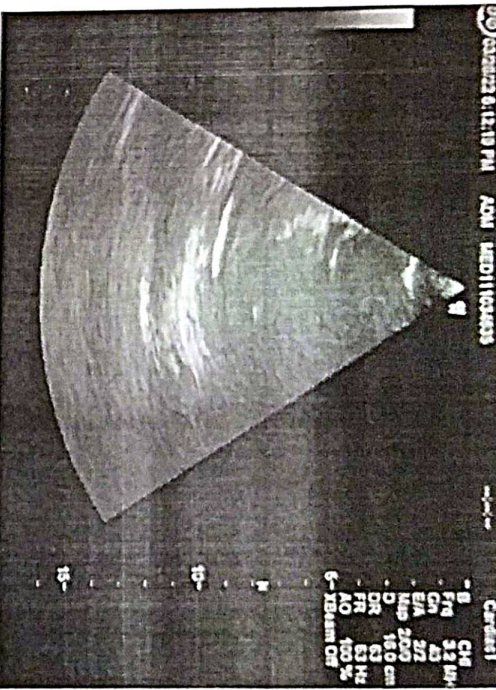
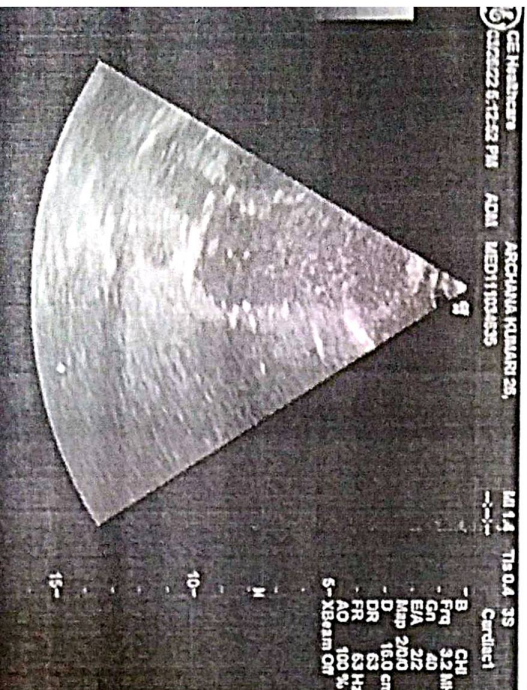
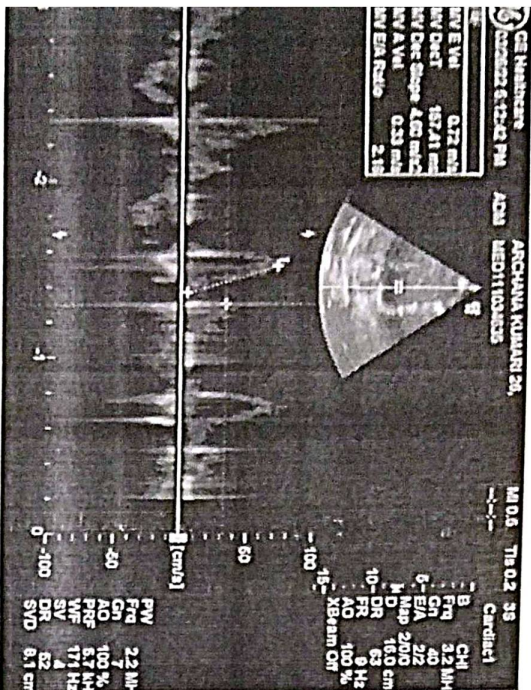
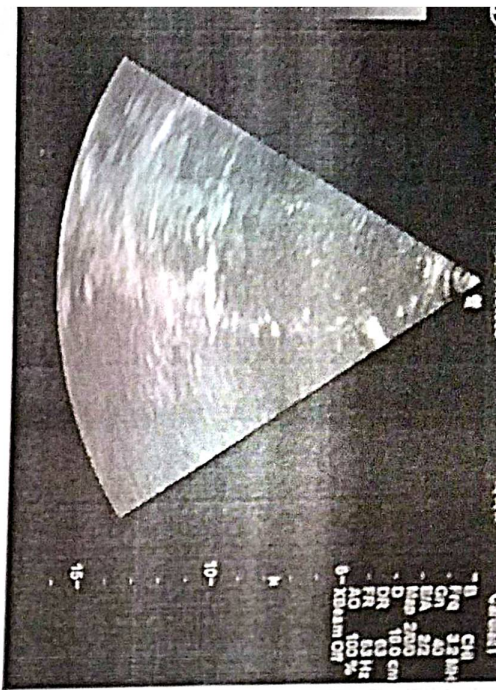
Pericardium : No pericardial effusion.

IMPRESSION:

- NORMAL SIZED CARDIAC CHAMBERS.
- NORMAL LV SYSTOLIC FUNCTION. EF:61%.
- NO REGIONAL WALL MOTION ABNORMALITIES.
- NORMAL VALVES.
- NO CLOTS/ PERICARDIAL EFFUSION VEGETATION.



DR. NIKHIL B
INTERVENTIONAL CARDIOLOGIST
NB/SA



2:20pm

MEPAU



NETHRADHAMA SUPER SPECIALITY EYE HOSPITAL

(A Unit of Nethradhama Hospitals Pvt. Ltd.)

OPD SHEET

Date: 26/3/22

Patient's Name: Mrs. Acharakumari OP No. 1187738
26/F

1:49pm

Vn 16/6, NG

routine eye check up

Dr. Monica Anand
MBBS, MS, FG
Consultant-Glaucoma & Cataract
KMC No. 102734

NCT 12
14

AF: WNL(OU)

Color

Vn 10/10

medial COR 10.2
macula WNL(OU)

ads: Routine 2 eyes / 10/10

2:43pm

Customer Name	MRS. ARCHANA KUMARI	Customer ID	MEDI11034635
Age & Gender	26Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel		

ABDOMINO-PELVIC ULTRASONOGRAPHY

LIVER is normal in shape, size and has uniform echopattern.
No evidence of focal lesion or intrahepatic biliary ductal dilatation.
Hepatic and portal vein radicals are normal.

GALL BLADDER show normal shape and has clear contents.
Gall bladder wall is of normal thickness. CBD is of normal calibre.

PANCREAS has normal shape, size and uniform echopattern.
No evidence of ductal dilatation or calcification.

SPLEEN show normal shape, size and echopattern.
No demonstrable Para-aortic lymphadenopathy.

KIDNEYS move well with respiration and have normal shape, size and echopattern.
Cortico- medullary differentiations are well made out.
No evidence of calculus or hydronephrosis.

	Bipolar length (cms)	Parenchymal thickness (cms)
Right Kidney	10.0	1.3
Left Kidney	10.3	1.4

URINARY BLADDER show normal shape and wall thickness.
It has clear contents. No evidence of diverticula.

UTERUS is anteverted and has normal shape and size. It has uniform myometrial echopattern.
Endometrial echo is of normal thickness 9mms.

Uterus measures as follows: LS: 7.2cms AP: 3.5cms TS: 3.7cms.

OVARIES are normal size, shape and echotexture.
POD & adnexa are free.

No evidence of ascites.

IMPRESSION:

➤ **ESSENTIALLY NORMAL STUDY.**

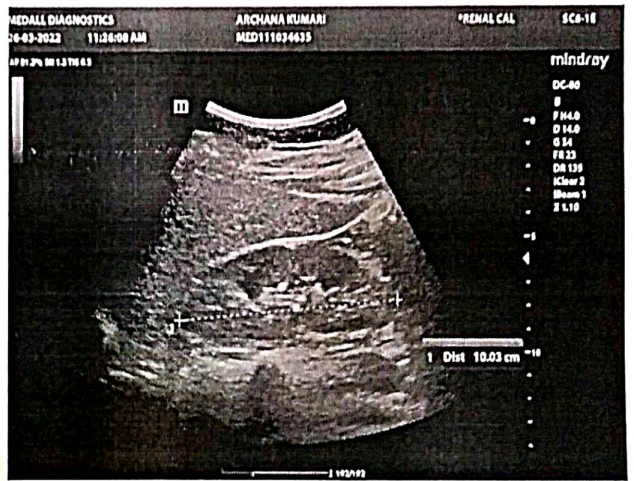
CONSULTANT RADIOLOGISTS

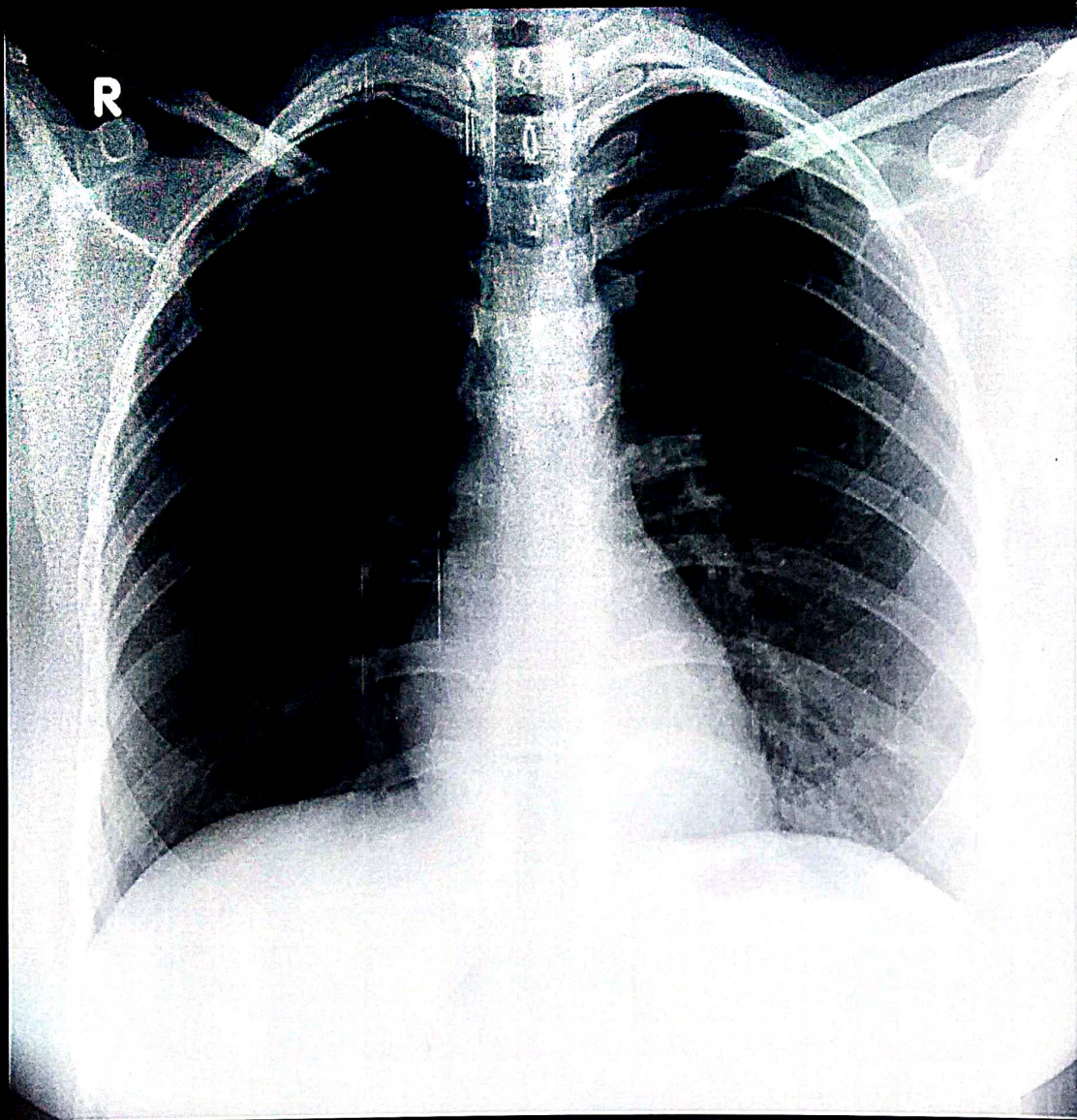


DR. ANITHA ADARSH
AA/sv

DR. MOHAN B

Customer Name	MRS.ARCHANA KUMARI	Customer ID	MED111034633
Age & Gender	26Y/FEMALE	Visit Date	26/03/2022
Ref Doctor	MediWheel		





ARCHANA KUMARI 26 MED111034635 F CHEST PA 3/26/2022 01:27 PM
MEDALL CLUMAX DIAGNOSTIC


Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM



<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	01	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	02	%	01 - 10
Basophils (Blood/Impedance Variation & Flow Cytometry)	00	%	00 - 02
Absolute Neutrophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	5.73	10 ³ / μ l	1.5 - 6.6
Absolute Lymphocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	2.32	10 ³ / μ l	1.5 - 3.5
Absolute Eosinophil Count (AEC) (EDTA Blood/Impedance Variation & Flow Cytometry)	0.08	10 ³ / μ l	0.04 - 0.44
Absolute Monocyte Count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.17	10 ³ / μ l	< 1.0
Absolute Basophil count (EDTA Blood/Impedance Variation & Flow Cytometry)	0.00	10 ³ / μ l	< 0.2
Platelet Count (EDTA Blood/Derived from Impedance)	241	10 ³ / μ l	150 - 450
MPV (Blood/Derived)	8.5	fL	8.0 - 13.3
PCT	0.20	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Citratd Blood/Automated ESR analyser)	60	mm/hr	< 20

Remark: kindly correlate clinically


Dr Shouree K.R.
MBBS MD DNB
Consultant Pathologist
Reg No : KMC 103138

APPROVED BY

Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM



Investigation Observed Value Unit Biological Reference Interval

BIOCHEMISTRY

Liver Function Test

Bilirubin(Total) (Serum/Diazotized Sulfanilic Acid)	0.4	mg/dL	0.1 - 1.2
Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.1	mg/dL	0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived)	0.30	mg/dL	0.1 - 1.0
Total Protein (Serum/Biuret)	7.8	gm/dl	6.0 - 8.0
Albumin (Serum/Bromocresol green)	4.5	gm/dl	3.5 - 5.2
Globulin (Serum/Derived)	3.30	gm/dL	2.3 - 3.6
A : G Ratio (Serum/Derived)	1.36		1.1 - 2.2

INTERPRETATION: Remark : Electrophoresis is the preferred method

SGOT/AST (Aspartate Aminotransferase) (Serum/IFCC / Kinetic)	38	U/L	5 - 40
---	----	-----	--------

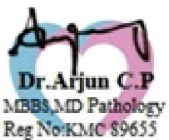
SGPT/ALT (Alanine Aminotransferase) (Serum/IFCC / Kinetic)	51	U/L	5 - 41
---	-----------	-----	--------

Remark: kindly correlate clinically

Alkaline Phosphatase (SAP) (Serum/PNPP / Kinetic)	121	U/L	42 - 98
--	------------	-----	---------

Remark: kindly correlate clinically

GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	48	U/L	< 38
--	-----------	-----	------



VERIFIED BY



APPROVED BY

Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM




Investigation

Observed
Value

Unit

Biological
Reference Interval

Remark: kindly correlate clinically



Dr. Arjun C.P
MBBS, MD Pathology
Reg No: KMC 89655

VERIFIED BY



DR SHAMIM JAVED
MD PATHOLOGY
KMC 88902

APPROVED BY

Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel


Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM



<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
<u>Lipid Profile</u>			
Cholesterol Total (Serum/Oxidase / Peroxidase method)	176	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/Glycerol phosphate oxidase / peroxidase)	72	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show considerable diurnal variation too. There is evidence recommending triglycerides estimation in non-fasting condition for evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the [usual] circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	38	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 50 - 59 High Risk: < 50
LDL Cholesterol (Serum/Calculated)	123.6	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	14.4	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	138.0	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220


Dr. Arjun C.P
MBBS, MD Pathology
Reg No: KMC 89655

VERIFIED BY


DR SHAMIM JAVED
MD PATHOLOGY
KMC 88902

APPROVED BY

Name : Mrs. ARCHANA KUMARI

PID No. : MED111034635

SID No. : 712209539

Age / Sex : 26 Year(s) / Female

Type : OP

Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM

Collection On : 26/03/2022 10:30 AM

Report On : 27/03/2022 10:54 AM

Printed On : 30/03/2022 7:34 AM



Investigation

Observed
Value

Unit

Biological
Reference Interval

INTERPRETATION: 1.Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol.
2.It is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

Total Cholesterol/HDL Cholesterol Ratio
(Serum/Calculated)

4.6

Optimal: < 3.3
Low Risk: 3.4 - 4.4
Average Risk: 4.5 - 7.1
Moderate Risk: 7.2 - 11.0
High Risk: > 11.0

Triglyceride/HDL Cholesterol Ratio
(TG/HDL)
(Serum/Calculated)

1.9

Optimal: < 2.5
Mild to moderate risk: 2.5 - 5.0
High Risk: > 5.0

LDL/HDL Cholesterol Ratio
(Serum/Calculated)

3.3

Optimal: 0.5 - 3.0
Borderline: 3.1 - 6.0
High Risk: > 6.0

Dr. Arjun C.P
MBBS, MD Pathology
Reg No:KMC 89655

VERIFIED BY

DR SHAMIM JAVED
MD PATHOLOGY
KMC 88902

APPROVED BY

Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM



<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
----------------------	-----------------------	-------------	--------------------------------------

Glycosylated Haemoglobin (HbA1c)

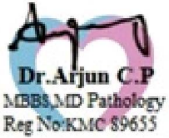
HbA1C (Whole Blood/HPLC)	5.5	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: \geq 6.5
-----------------------------	-----	---	---

INTERPRETATION: If Diabetes - Good control : 6.1 - 7.0 % , Fair control : 7.1 - 8.0 % , Poor control \geq 8.1 %

Estimated Average Glucose (Whole Blood)	111.15	mg/dL
--	--------	-------

INTERPRETATION: Comments

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.
Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency, hypertriglyceridemia, hyperbilirubinemia, Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values.
Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.



VERIFIED BY



APPROVED BY

Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM



<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
----------------------	-----------------------	-------------	--------------------------------------

IMMUNOASSAY

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total (Serum/Chemiluminescent Immunometric Assay (CLIA))	1.06	ng/ml	0.7 - 2.04
---	------	-------	------------

INTERPRETATION:

Comment :

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

T4 (Thyroxine) - Total (Serum/Chemiluminescent Immunometric Assay (CLIA))	11.16	Microg/dl	4.2 - 12.0
--	-------	-----------	------------

INTERPRETATION:

Comment :

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

TSH (Thyroid Stimulating Hormone) (Serum/Chemiluminescent Immunometric Assay (CLIA))	2.554	μIU/mL	0.35 - 5.50
---	-------	--------	-------------

INTERPRETATION:

Reference range for cord blood - upto 20

1 st trimester: 0.1-2.5

2 nd trimester 0.2-3.0

3 rd trimester : 0.3-3.0


(Indian Thyroid Society Guidelines)

Comment :

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and BMI.

2.TSH Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%,hence time of the day has influence on the measured serum TSH concentrations.

3.Values&lt;0.03 μIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.


Dr Shouree K.R
MBBS MD DNB
Consultant Pathologist
Reg No : KMC 103138

APPROVED BY

Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM



<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
----------------------	-----------------------	-------------	--------------------------------------


CLINICAL PATHOLOGY

PHYSICAL EXAMINATION

Colour (Urine/Physical examination)	Pale yellow		Yellow to Amber
Volume (Urine/Physical examination)	25		ml
Appearance (Urine)	Clear		

CHEMICAL EXAMINATION

pH (Urine)	7.0		4.5 - 8.0
Specific Gravity (Urine/Dip Stick <i>£</i> Reagent strip method)	1.010		1.002 - 1.035
Protein (Urine/Dip Stick <i>£</i> Reagent strip method)	Negative		Negative
Glucose (Urine)	Nil		Nil
Ketone (Urine/Dip Stick <i>£</i> Reagent strip method)	Nil		Nil
Leukocytes (Urine)	Negative	leuco/uL	Negative
Nitrite (Urine/Dip Stick <i>£</i> Reagent strip method)	Nil		Nil
Bilirubin (Urine)	Negative	mg/dL	Negative


Dr Shouree K.R.
MBBS MD DNB
Consultant Pathologist
Reg No : KMC 103138


APPROVED BY

Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM



<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
Blood (Urine)	Nil		Nil
Urobilinogen (Urine/Dip Stick £Reagent strip method)	Normal		Within normal limits
<u>Urine Microscopy Pictures</u>			
RBCs (Urine/Microscopy)	Nil	/hpf	NIL
Pus Cells (Urine/Microscopy)	3-4	/hpf	< 5
Epithelial Cells (Urine/Microscopy)	1-2	/hpf	No ranges
Others (Urine)	Nil		Nil


Dr Shouree K.R
MBBS MD DNB
Consultant Pathologist
Reg No : KMC 103138


APPROVED BY

Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM



<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
<u>Stool Analysis - ROUTINE</u>			
Colour (Stool)	Brownish		Brown
Blood (Stool)	Not present		Not present
Mucus (Stool)	Not present		Not present
Reaction (Stool)	Alkaline		Alkaline
Consistency (Stool)	Semi solid		Semi solid
Ova (Stool)	Nil		Nil
Others (Stool)	Nil		Nil
Cysts (Stool)	Nil		Nil
Trophozoites (Stool)	Nil		Nil
RBCs (Stool)	Nil	/hpf	Nil
Pus Cells (Stool)	1-2	/hpf	Nil
Macrophages (Stool)	Nil		Nil
Epithelial Cells (Stool)	Nil	/hpf	Nil


Dr Shouree K.R
MBBS MD DNB
Consultant Pathologist
Reg No : KMC 103138

APPROVED BY

Name : Mrs. ARCHANA KUMARI
PID No. : MED111034635
SID No. : 712209539
Age / Sex : 26 Year(s) / Female
Type : OP
Ref. Dr : MediWheel

Register On : 26/03/2022 9:50 AM
Collection On : 26/03/2022 10:30 AM
Report On : 27/03/2022 10:54 AM
Printed On : 30/03/2022 7:34 AM



Investigation

Observed
Value

Unit


Biological
Reference Interval

IMMUNOHAEMATOLOGY

BLOOD GROUPING AND Rh TYPING
(EDTA Blood/Agglutination)

'B' 'Positive'

Remark: Test to be confirmed by Gel method .


Dr Shouree K.R
MBBS MD DNB
Consultant Pathologist
Reg No : KMC 103138

APPROVED BY

Name	ARCHANA KUMARI	ID	MED111034635
Age & Gender	26Y/F	Visit Date	Mar 26 2022 9:50AM
Ref Doctor	MediWheel		

X – RAY CHEST PA VIEW

LUNGS:

Both lung fields are clear.

Vascular markings are normal.

Tracheal air lucency is normal.

No evidence of abnormal hilar opacities.

Costophrenic angle recesses are normal.

CARDIA:

Cardia is normal shape and configuration.

Diaphragm, Thoracic cage, soft tissues are normal.

IMPRESSION:

- **NO SIGNIFICANT DIAGNOSTIC ABNORMALITY.**

AA/SV



Dr. Anitha Adarsh
Consultant Radiologist