

Visit ID	: YOD610541	UHID/MR No	: YOD.0000589095
Patient Name	: Mrs. CH.NIRAMALA JOHN	Client Code	: YOD-DL-0021
Age/Gender	: 54 Y 0 M 0 D /F	Barcode No	: 10899767
DOB	:	Registration	: 27/Jan/2024 08:12AM
Ref Doctor	: SELF	Collected	: 27/Jan/2024 08:18AM
Client Name	: MEDI WHEELS	Received	: 27/Jan/2024 09:02AM
Client Add	: F-701, Lado Sarai, Mehravli, N	Reported	: 27/Jan/2024 11:22AM
Hospital Name	:		

DEPARTMENT OF HAEMATOLOGY							
Test Name	Test NameResultUnitBiological Ref. RangeMethod						

ESR (ERYTHROCYTE SEDIMENTATION RATE)						
Sample Type : WHOLE BLOOD EDTA						
ERYTHROCYTE SEDIMENTATION RATE	38	mm/1st hr	0 - 15	Capillary		
				Photometry		
COMMENTS: ESR is an acute phase reactant which indicates of a specific disease. It is used to monitor the co are found in cases of malignancy, hematologic d	urse or res	sponse to treatment o	of certain diseases. E			
Increased levels may indicate: Chronic renal fail Hodgkin disease, advanced Carcinomas), bacter						

Hodgkin disease, advanced Carcinomas), bacterial infections (e.g., hepfinitis, hepfinitis), inflammator diseases (e.g., inflammatory diseases, syphilis, pneumonia), inflammatory diseases (e.g. temporal arteritis, polymyalgia rheumatic, rheumatic arthritis, rheumatic fever, systemic lupus erythematosus [SLE]), necrotic 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 anemia, spherocytosis, hypofibrinogenemia, or polycythemia vera.

Verified By :



Approved By :

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DR. ABDUL ALEEM MOHAMMED MD, DNB (PATHOLOGY) Fellowship in Cytogenetics (USA)



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Client Add	: F-701, Lado Sarai, Mehravli, N	Reported	: 27/Jan/2024 11:36AM
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DEPARTMENT OF HAEMATOLOGY						
Test Name	Result	Unit	Biological Ref. Range	Method		

BLOOD GROUP ABO & RH Typing					
Sample Type : WHOLE BLOOD EDTA					
ABO	A				
Rh Typing	POSITIVE				
Method : Hemagglutination Tube	method by forward and re	verse grouping			
COMMENTS:					
The test will detect common blood	grouping system A, B, O,	AB and Rhesus (R	RhD). Unusual blo	ood 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. Advsied cross matching before transfusion

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DEPARTMENT OF HAEMATOLOGY					
Test NameResultUnitBiological Ref. RangeMethod					

СВС	COMPLE	TE BLOOD CO	OUNT)	
Sample Type : WHOLE BLOOD EDTA				
HAEMOGLOBIN (HB)	12.9	g/dl	12.0 - 15.0	Cyanide-free SLS method
RBC COUNT(RED BLOOD CELL COUNT)	4.61	million/cmm	3.80 - 4.80	Impedance
PCV/HAEMATOCRIT	40.0	%	36.0 - 46.0	RBC pulse height detection
MCV	86.8	fL	83 - 101	Automated/Calculated
МСН	28	pg	27 - 32	Automated/Calculated
MCHC	32.3	g/dl	31.5 - 34.5	Automated/Calculated
RDW - CV	14.1	%	11.0-16.0	Automated Calculated
RDW - SD	45.4	fl	35.0-56.0	Calculated
MPV	10.7	fL	6.5 - 10.0	Calculated
PDW	11.9	fL	8.30-25.00	Calculated
PCT	0.32	%	0.15-0.62	Calculated
TOTAL LEUCOCYTE COUNT	8,510	cells/ml	4000 - 11000	Flow Cytometry
DLC (by Flow cytometry/Microscopy)				
NEUTROPHIL	64.6	%	40 - 80	Impedance
LYMPHOCYTE	26.8	%	20 - 40	Impedance
EOSINOPHIL	2	%	01 - 06	Impedance
MONOCYTE	6.2	%	02 - 10	Impedance
BASOPHIL	0.4	%	0 - 1	Impedance
PLATELET COUNT	2.99	Lakhs/cumm	1.50 - 4.10	Impedance



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Client Name	: MEDI WHEELS	Received	: 27/Jan/2024 08:57AM
Client Add	: F-701, Lado Sarai, Mehravli, N	Reported	: 27/Jan/2024 10:35AM
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DEPARTMENT OF BIOCHEMISTRY							
Test Name	Test NameResultUnitBiological Ref. RangeMethod						

THYROID PROFILE (T3,T4,TSH)					
Sample Type : SERUM					
T3	1.26	ng/ml	0.60 - 1.78	CLIA	
T4	7.93	ug/dl	4.82-15.65	CLIA	
TSH	1.35	ulU/mL	0.30 - 5.60	CLIA	

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 :	
	PREGNANCY	TSH in uIU/ mL
	1st Trimester	0.60 - 3.40
	2nd Trimester	0.37 - 3.60
	3rd Trimester	0.38 - 4.04

(References range recommended by the American Thyroid Association) Comments:

1. During pregnancy, Free thyroid profile (FT3, FT4 & 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 BIOCHEMISTRY				
Test Name	Result	Unit	Biological Ref. Range	Method

LIVER FUNCTION TEST(LFT)					
Sample Type : SERUM					
TOTAL BILIRUBIN	0.68	mg/dl	0.3 - 1.2	JENDRASSIK & GROFF	
CONJUGATED BILIRUBIN	0.12	mg/dl	0 - 0.2	DPD	
UNCONJUGATED BILIRUBIN	0.56	mg/dl		Calculated	
AST (S.G.O.T)	23	U/L	< 50	KINETIC WITHOUT P5P- IFCC	
ALT (S.G.P.T)	20	U/L	< 50	KINETIC WITHOUT P5P- IFCC	
ALKALINE PHOSPHATASE	115	U/L	30 - 120	IFCC-AMP BUFFER	
TOTAL PROTEINS	7.9	gm/dl	6.6 - 8.3	Biuret	
ALBUMIN	3.8	gm/dl	3.5 - 5.2	BCG	
GLOBULIN	4.1	gm/dl	2.0 - 3.5	Calculated	
A/G RATIO	0.93			Calculated	



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DEPARTMENT OF BIOCHEMISTRY				
Test Name	Result	Unit	Biological Ref. Range	Method

		LIPID P	ROFILE			
Sample Type : SER	UM					
TOTAL CHOLEST	EROL	149	mg/dl	Refere Table	Below	Cholesterol oxidase/peroxidase
H D L CHOLESTEI	ROL	35	mg/dl	> 40		Enzymatic/ Immunoinhibiton
L D L CHOLESTER	ROL	99.6	mg/dl	Refere Table	Below	Enzymatic Selective Protein
TRIGLYCERIDES		72	mg/dl	See Tab	le	GPO
VLDL		14.4	mg/dl	< 35		Calculated
T. CHOLESTEROL	/ HDL RATIO	4.26		Refere Table	Below	Calculated
TRIGLYCEIDES/ H	IDL RATIO	2.06	Ratio	< 2.0		Calculated
NON HDL CHOLE	STEROL	114	mg/dl	< 130		Calculated
Interpretation						
NATIONAL CHOLEST PROGRAMME (NCEP)		TOTAL CHOLESTEROL	TRI GLYCER	I DE LDL CHOLESTEROL	NON HD CHOLESTER	
Optimal		<200	<150	<100	<130	
Above Optimal		-	-	100-129	130 - 15	-
Borderline High		200-239	150-199	130-159	160 - 18	
High		>=240	200-499	160-189	190 - 21	
Very High REMARKS	Cholesterol : HD	-	>=500	>=190	>=220	
Low risk	3.3-4.4	L Ratio				
Average risk	4.5-7.1					
Moderate risk	7.2-11.0					
High risk	>11.0					
Note:						

Note:

1. Measurements in the same patient can show physiological& analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL& LDL Cholesterol

2. NLA-2014 identifies Non HDL Cholesterol(an indicator of all atherogenic lipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants)along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL &Non HDL.

3.Apolipoprotein B is an optional, secondary lipid target for treatment once LDL & Non HDL goals have been achieved

4. Additional testing for Apolipoprotein B, hsCRP, Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement

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DEPARTMENT OF BIOCHEMISTRY						
Test Name	Result	Unit	Biological Ref. Range	Method		

HBA1C Sample Type : WHOLE BLOOD EDTA							
ESTIMATED AVG. GLUCOSE	105	mg/dl					

Note:

1. Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have a high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled .

2. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targeting a goal of < 7.0 % may not be appropriate. 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 .

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DEPARTMENT OF BIOCHEMISTRY					
Test Name	Result	Unit	Biological Ref. Range	Method	

BLOOD UREA NITROGEN (BUN)						
Sample Type : Serum						
SERUM UREA	20	mg/dL	13 - 43	Urease GLDH		
Blood Urea Nitrogen (BUN)	9.4	mg/dl	5 - 25	GLDH-UV		
Increased In:	7					

Impaired kidney function, Reduced renal blood flow {CHF, Salt and water depletion, (vomiting, diarrhea, diuresis, sweating), Shock}, Any obstruction of urinary tract, Increased protein catabolism, AMI, Stress

Decreased In:

Diuresis (e.g. with over hydration), Severe liver damage, Late pregnancy, Infancy, Malnutrition, Diet (e.g., low-protein and high-carbohydrate, IV feedings only), Inherited hyperammonemias (urea is virtually absent in blood)

Limitations:

Urea levels increase with age and protein content of the diet.

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DEPARTMENT OF BIOCHEMISTRY					
Test NameResultUnitBiological Ref. RangeMethod					

	FBS (GLUC	OSE FASTING)				
Sample Type : FLOURIDE PLASMA						
FASTING PLASMA GLUCOSE	98	mg/dl	70 - 100	HEXOKINASE		
INTERPRETATION: Increased In						
Diabetes Mellitus						
 Stress (e.g., emotion, burns, shock 	, anesthesia)					
Acute pancreatitis						
Chronic pancreatitis						
Wernicke encephalopathy (vitamin	31 deficiency)					
 Effect of drugs (e.g. corticosteroids 	, estrogens, alcoho	l, phenytoin, thiazic	les)			
Decreased In						
Pancreatic disorders						
 Extrapancreatic tumors 						
Endocrine disorders						
Malnutrition						
 Hypothalamic lesions 						
 Alcoholism 						
AICOHOIISIII						

Verified By : Mamatha



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Client Name	: MEDI WHEELS	Received	: 27/Jan/2024 11:24AM
Client Add	: F-701, Lado Sarai, Mehravli, N	Reported	: 27/Jan/2024 11:44AM
Hospital Name	:		

DEPARTMENT OF BIOCHEMISTRY					
Test Name Result Unit Biological Ref. Range Meth					

PPBS (POST PRANDIAL GLUCOSE)						
Sample Type : FLOURIDE PLASMA						
POST PRANDIAL PLASMA GLUCOSE	99	mg/dl	<140	HEXOKINASE		
INTERPRETATION:						
 Increased In Diabetes Mellitus Stress (e.g., emotion, burns, shock, anesthe Acute pancreatitis Chronic pancreatitis Wernicke encephalopathy (vitamin B1 deficie Effect of drugs (e.g. corticosteroids, estroger 	ncy)	iytoin, thiazides)				
Decreased In Pancreatic disorders Extrapancreatic tumors Endocrine disorders Malnutrition Hypothalamic lesions Alcoholism Endocrine disorders						



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DEPARTMENT OF BIOCHEMISTRY							
Test Name	Test NameResultUnitBiological Ref. RangeMethod						

SERUM CREATININE Sample Type : SERUM					
Increased In:					
Diet: ingestion of creatinine (ro.Impaired kidney function.	ast meat), Muscle disea	ise: gigantism, acr	omegaly,		
Decreased In:					
 Pregnancy: Normal value is 0.4- diagnostic evaluation. Creatinine secretion is inhibited 				clinician to further	



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DEPARTMENT OF BIOCHEMISTRY					
Test NameResultUnitBiological Ref. RangeMethod					

GGT (GAMMA GLUTAMYL TRANSPEPTIDASE)						
Sample Type : SERUM						
GGT		32	U/L	0 - 55.0	KINETIC-IFCC	
INTERPRETATION:						

GGT functions in the body as a transport molecule, helping to move other molecules around the body. It plays a significant role in helping the liver metabolize drugs and other toxins. Increased GGT include overuse of alcohol, chronic viral hepatitis, lack of blood flow to the liver, liver tumor, cirrhosis, or scarred liver, overuse of certain drugs or other toxins, heart failure, diabetes, pancreatitis, fatty liver disease.

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Approved By :

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SURYADEEP PRATAP Senior Biochemist



Quadra Strain Strai



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URIC ACID -SERUM						
Sample Type : SERUM						
SERUM URIC ACID	6.1	mg/dl	2.6 - 6.0	URICASE - PAP		
Interpretation						

Uric acid is the final product of purine metabolism in the human organism. Uric acid measurements are used in the diagnosis and treatment of numerous renal and metabolic disorders, including renal failure, gout, leukemia, psoriasis, starvation or other wasting conditions, and of patients receiving cytotoxic drugs.

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DEPARTMENT OF BIOCHEMISTRY							
Test Name	Test NameResultUnitBiological Ref. RangeMethod						

BUN/CREATININE RATIO					
Sample Type : SERUM					
Blood Urea Nitrogen (BUN)	9.4	mg/dl	5 - 25	GLDH-UV	
SERUM CREATININE	0.64	mg/dl	0.60 - 1.10	KINETIC-JAFFE	
BUN/CREATININE RATIO	14.60	Ratio	6 - 25	Calculated	



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CONTACT US

Quadra Strain Strai



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DEPARTMENT OF RADIOLOGY

	2D ECHO DOPPLER STUDY
MITRAL VALVE	: Normal
AORTIC VALVE	: Normal
TRICUSPID VALVE	: Normal
PULMONARY VALVE	: Normal
RIGHT ATRIUM	: Normal
RIGHT VENTRICLE	: Normal
LEFT ATRIUM	: 2.8 cms
LEFT VENTRICLE	:
	EDD:4.0 cm IVS(d):0.8 cm LVEF:70 % ESD:2.1 cm PW (d):0.8 cm FS :35 % No RWMA
IAS	: Intact
IVS	: Intact
AORTA	: 2.1cms
PULMONARY ARTERY	: Normal
PERICARDIUM	: Normal
IVS/ SVC/ CS	: Normal

Verified By :



Approved By :

S. Madhan

Dr.D.Madhav Kumar PGDDRM (U.K.) MBBS, PGDCC (Dip. Cardiology) Cardiologist



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DEPARTMENT OF RADIOLOGY

PULMONARY VEINS	: Normal
INTRA CARDIAC MASSES	5 : No
DOPPLER STUDY :	
MITRAL FLOW	: E 0.7 m/sec, A 0.5 m/sec.
AORTIC FLOW	: 1.0m/sec
PULMONARY FLOW	: 0.9m/sec
TRICUSPID FLOW	: TRJV :2.2 m/sec, RVSP 27 mmHg
COLOUR FLOW MAPPI	NG: TRIVIAL TR
IMPRESSION :	
* NO RWMA OF LV	
* NORMAL LV SYSTOL NORMAL LV FILLING	
* TRIVIAL TR * NO PE / CLOT / PAH	

Verified By :



Approved By :

S. Madhan

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Ref Doctor	: SELF	Collected	: 27/Jan/2024 08:18AM
Client Name	: MEDI WHEELS	Received	: 27/Jan/2024 11:24AM
Client Add	: F-701, Lado Sarai, Mehravli, N	Reported	: 27/Jan/2024 12:12PM
Hospital Name	:		

Result

Test Name

Unit

Biological Ref. Range

Method

	CUE (COMPLETE U	RINE EXAMIN	NATION)	
Sample Type : SPOT URINE				
PHYSICAL EXAMINATION				
TOTAL VOLUME	20 ML	ml		
COLOUR	PALE YELLOW			
APPEARANCE	HAZY			
SPECIFIC GRAVITY	1.002		1.003 - 1.035	Bromothymol Blue
CHEMICAL EXAMINATION				
рН	5.5		4.6 - 8.0	Double Indicator
PROTEIN	NEGATIVE		NEGATIVE	Protein - error of Indicators
GLUCOSE(U)	NEGATIVE		NEGATIVE	Glucose Oxidase
UROBILINOGEN	0.1	mg/dl	< 1.0	Ehrlichs Reaction
KETONE BODIES	NEGATIVE		NEGATIVE	Nitroprasside
BILIRUBIN - TOTAL	NEGATIVE		Negative	Azocoupling Reaction
BLOOD	NEGATIVE		NEGATIVE	Tetramethylbenzidine
LEUCOCYTE	POSITIVE		Negative	Azocoupling reaction
NITRITE	NEGATIVE		NEGATIVE	Diazotization Reaction
MICROSCOPIC EXAMINATION		· · · ·		
PUS CELLS	8-10	cells/HPF	0-5	
EPITHELIAL CELLS	6-8	/hpf	0 - 15	
RBCs	NIL	Cells/HPF	Nil	
CRYSTALS	NIL	Nil	Nil	
CASTS	NIL	/HPF	Nil	
BUDDING YEAST	NIL		Nil	
BACTERIA	NIL		Nil	
OTHER	NIL			

Verified By :



Approved By :

Dr.VIKAS REDDY Consultant Pathologist



Visit ID	: YOD610541	UHID/MR No	: YOD.0000589095
Patient Name	: Mrs. CH.NIRAMALA JOHN	Client Code	: YOD-DL-0021
Age/Gender	: 54 Y 0 M 0 D /F	Barcode No	: 10899767
DOB	:	Registration	: 27/Jan/2024 08:12AM
Ref Doctor	: SELF	Collected	: 27/Jan/2024 08:18AM
Client Name	: MEDI WHEELS	Received	: 27/Jan/2024 11:24AM
Client Add	: F-701, Lado Sarai, Mehravli, N	Reported	: 27/Jan/2024 12:12PM
Hospital Name	:		

DEPARTMENT OF CLINICAL PATHOLOGY					
Test Name	Result	Unit	Biological Ref. Range	Method	

*** End Of Report ***

Verified By :

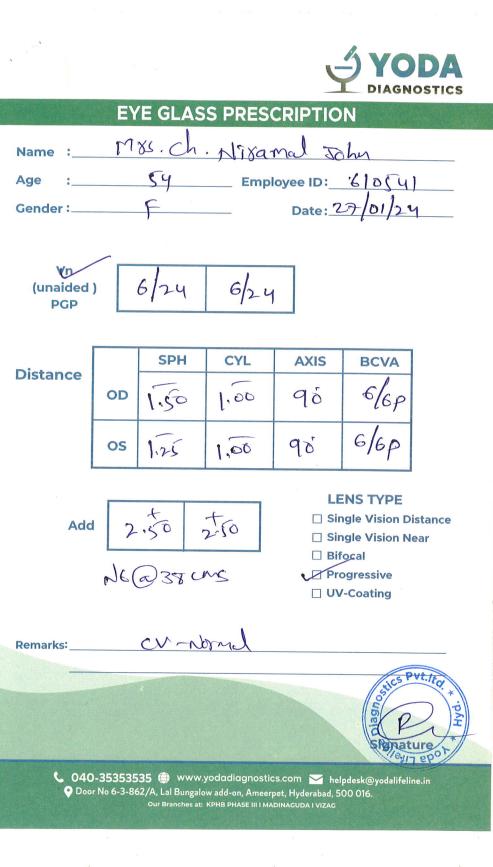


Approved By :

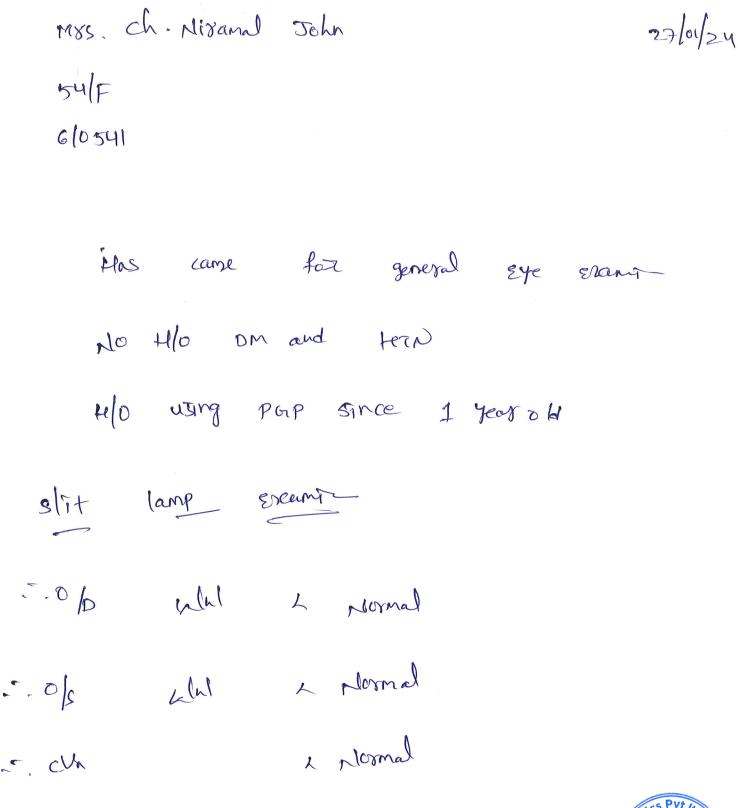
Dr.VIKAS REDDY Consultant Pathologist



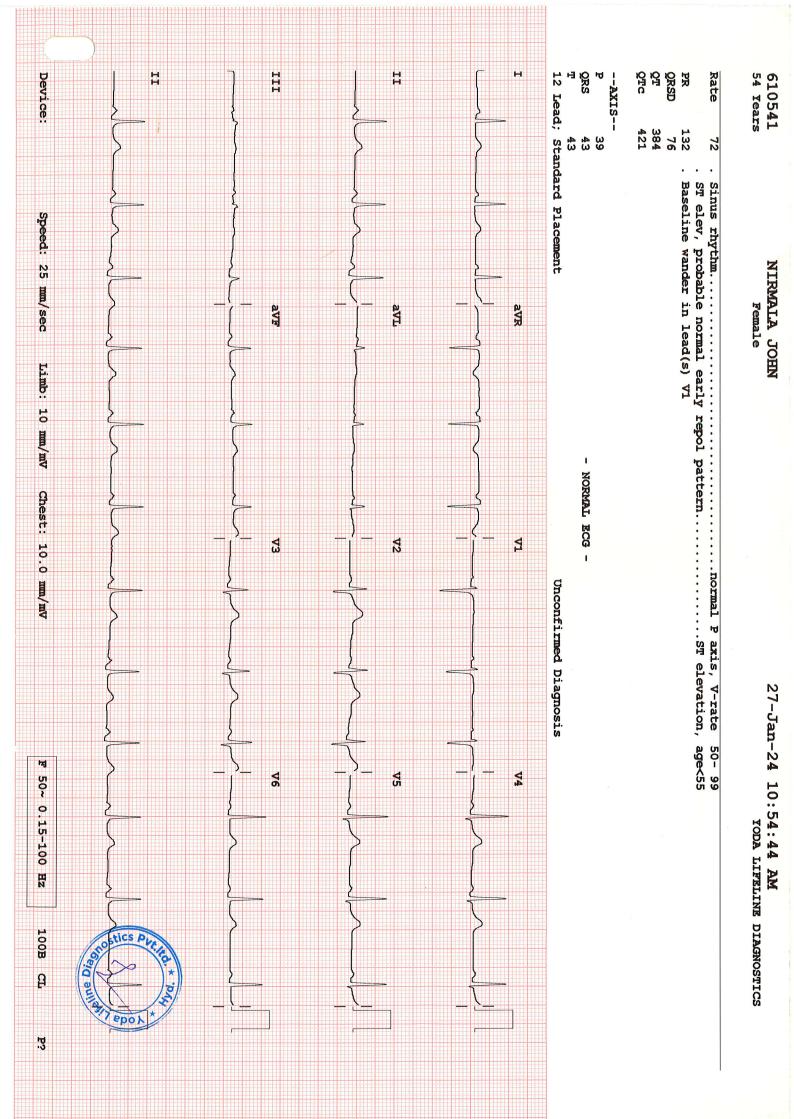
Solution State State











yoda diagnostics

DEPARTMENT OF RADIOLOGY							
Patient Name	Mrs. CH.NIRAMALA JOHN	Visit ID	YOD610541	Registration Date	27-01-2024 08:12 AM		
Age / Gender	54/FEMALE	UHID	YOD.0000589095	Collection Date	27-01-2024 08:12 AM		
Ref Doctor	SELF	Hospital Name		Received Date			
Barcode	10899767	Sample Type		Reported Date	27-01-2024 01:36 PM		
X-RAY CHEST PA VIEW							

FINDINGS:

Trachea is midline.

Mediastinal outline, and cardiac silhouette are normal.

Bilateral lung fields show normal vascular pattern with no focal lesion.

Bilateral hila are normal in density.

Bilateral costo-phrenic angles and domes of diaphragms are normal.

The rib cage and visualized bones appear normal.

IMPRESSION:

• No significant abnormality detected.

*** End Of Report ***

Suggested clinical correlation & follow up



Approved by



Dr. G PRITHVI RANI MD, CONSULTANT RADIOLOGIST, FELLOW NEURORADIOLOGY

Y yoda diagnostics							
DEPARTMENT OF RADIOLOGY							
Patient Name	Mrs. CH.NIRAMALA JOHN	Visit ID	YOD610541	Registration Date	27-01-2024 08:12 AM		
Age / Gender	54/FEMALE	UHID	YOD.0000589095	Collection Date	27-01-2024 08:12 AM		
Ref Doctor	SELF	Hospital Name		Received Date			
Barcode	10899767	Sample Type		Reported Date	27-01-2024 10:33 AM		

ULTRASOUND WHOLE ABDOMEN & PELVIS

Clinical Details : General check-up.

LIVER: Normal in size (127mm) and echo-texture. No focal lesion is seen. Intra hepatic biliary channels are not dilated. Visualized common bile duct & portal vein appears normal.

GALL BLADDER: Very minimally distended. No evidence of calculi upto visualised extent. No wall thickening noted. **PANCREAS:** Normal in size and echotexture. No ductal dilatation. No calcifications / calculi.

SPLEEN: Normal in size (88mm) and echotexture. No focal lesion is seen.

RIGHT KIDNEY: measures 94x42mm. Normal in size and echotexture. Cortico-medullary differentiation well maintained. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

LEFT KIDNEY: measures 99x42mm. Normal in size and echotexture. Cortico-medullary differentiation well maintained. Tiny simple cortical cyst noted in mid pole measuring 0.7x0.6cm. Collecting system does not show any dilatation or calculus.

URINARY BLADDER: Well distended. No evidence of calculi or wall thickening.

UTERUS: Anteverted, measures 81x40x27mm, normal in size. Myometrium shows normal echo-texture. Small intramural fibroid noted in anterior fundal region measuring 1.3x0.7cm. Endometrial thickness measures 3.2mm). **OVARIES:**

Right ovary measures 22x11mm. normal in size & echotexture. No adnexal lesion seen.

Left ovary obscured by bowel gas.

No enlarged nodes are visualized. No retro-peritoneal lesion is identified. Great vessels appear normal. No free fluid is seen in pelvis.

IMPRESSION:

- Small uterine fibroid.
- Tiny left renal simple cortical cyst.

*** End Of Report ***

Suggested clinical correlation & follow up



Dr. ANNAREDDY SIVAKALA MBBS, DNB , CONSULTANT RADIOLOGIST