

DR. LOKESH GOYAL

MBBS (KGMC), MD (RADIOLOGY)

CONSULTANT INTERVENTIONAL RADIOLOGIST
FORMER SR. REGISTRAR - APOLLO HOSPITAL, NEW DELHI
LIFE MEMBER OF IRIA

Timings: 9:00 am to 9:00 pm, Sunday 9.00 am to 3.00 pm

8392957683, 6395228718

MRS. AASTHA KARN 28/F DR. NITIN AGARWAL, DM 23-03-2024

REPORT

EXAMINATION PERFORMED: X-RAY CHEST

B/L lung fields are clear

Both of the CP angles are clear.

Both hila show a normal pattern

Cardiac and mediastinal borders appear normal.

Visualized bony thorax and soft tissue of the chest wall appear normal.

IMPRESSION --- NO SIGNIFICANT ABNORMALITY IS SEEN

Not for medico-legal purpose

DR LOKESH GOYAL (MD RADIODIAGNOSIS





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MRS. AASTHA KARN 28/F DR. NITIN AGARWAL, DM 23-03-2024

EXAMINATION PERFORMED ULTRASOUND WHOLE ABDOMEN

The <u>Liver</u> is normal in size and outline. It shows uniform echopattern. No obvious focal pathology is seen. The intra and extra hepatic biliary passages are not dilated.

The Gall Bladder is normal in size, with no evidence of calculi. Walls are thin. The CBD appears normal.

The <u>Pancreas</u> is normal in size and echogenicity. Its outlines are distinct. No obvious focal lesion, calcification or ductal dilatation is seen.

Spleen is normal in size and echogenicity. There is no evidence of collaterals.

<u>Right Kidney</u> is normal in position, outline and echogenicity. No evidence of calculi or calyceal dilatation is seen. Renal mobility is not impaired. Perinephric space is clear.

<u>Left Kidney</u> is normal in position, outline and echogenicity. No evidence of calculi or calyceal dilatation is seen. Renal mobility is not impaired. Perinephric space is clear.

No ascitis or pleural effusion. No retroperitoneal adenopathy.

The Urinary <u>Bladder</u> is normal in size and outline. Walls are thin & smooth. There is no evidence of any obvious intraluminal or perivesical pathology.

The <u>Uterus</u> is anteverted and normal in size. The myometrial and endometrial echoes are normal.

B/L adenexa are clear. No adnexal mass or cyst seen.

IMPRESSION:- NO SIGINIFICANT ABNORMALITY DETECTED

ADV—clinical correlation for bowel disorder

DR LOKESH GOYAL MD RADIODIAGNOSIS

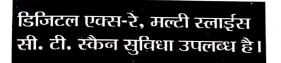
Every imaging has its limitations. This is a professional opinion, not a final diagnosis. For further confirmation of diagnosis, clinical-pathological correlation & relevant next line investigation (TVS for gynecological disorders) (endoscopy / CT scan for bowel pathologies) are required. In case of clinical discrepancy with the report or confusion, reexamination / reevaluation are suggested. Esp. for the surgical cases 2nd opinion is must. Your positive as well as negative feedbacks are most welcome for better results

REVISED TIMINGS

9:00 AM - 4:00 PM / 7:00 PM - 9.00 PM

SUNDAY

10:00AM -4:00 PM













DR. LOKESH GOYAL

CONSULTANT INTERVENTIONAL RADIOLOGIST FORMER SR. REGISTRAR - APOLLO HOSFITAL. NEW DELHI

Timings: 9:00 am to 9:00 pm, Sunday 9.00 am to 3.00 pm

2 8392957683, 6395228718

MR. ANURAG KUMAR KARN 36/M DR. NITIN AGARWAL, DM

23-03-2024

EXAMINATION PERFORMED ULTRASOUND WHOLE ABDOMEN

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Left Kidney is normal in position, outline and echogenicity. No evidence of calculi or calyceal dilatation is seen. Renal mobility is not impaired. Perinephric space is clear.

No ascitis or pleural effusion. No retroperitoneal adenopathy.

The Urinary Bladder is normal in size and outline. Walls are thin & smooth. There is no evidence of any obvious intraluminal or perivesical pathology.

The Prostate is mildly enlarged in size and volume 35 cc. Homogenous parenchyma. Median lobe is not projecting. The Seminal Vesicles are normally visualized.

Bowel loops are non-dilated; gas filled & show normal peristaltic activity.

IMPRESSION:- MILDLY ENLARGED PROSTATE

ADV---URINE EXAMINATION

Every imaging has its limitations. This is a professional opinion, not a final diagnosis. For further confirmation of diagnosis, clinicalpathological correlation & relevant next line investigation (TVS for gynecological disorders) (endoscopy / CT scan for bowel pathologies) are required. In case of clinical discrepancy with the report or confusion, reexamination / reevaluation are suggested. Esp. for the surgical cases 2nd opinion is must. Your positive as well as negative feedbacks are most welcome for better results Counter sign







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23-03-2024

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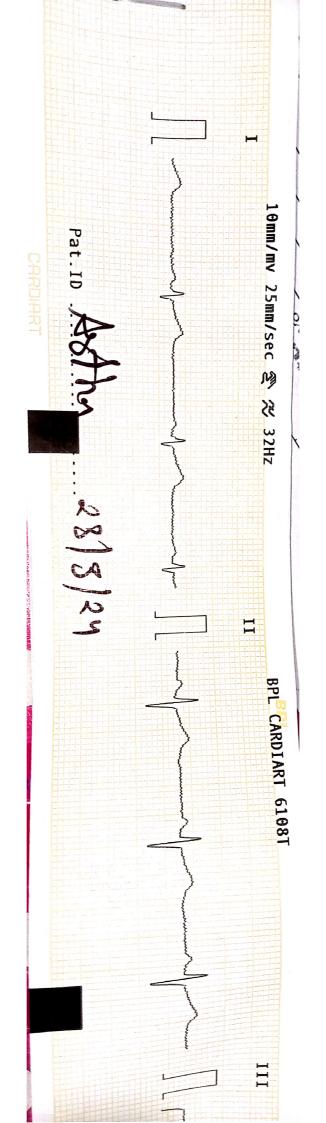
Not for medico-legal purpose

DR LOKESH GOYAL MD RADIODIAGNOSIS

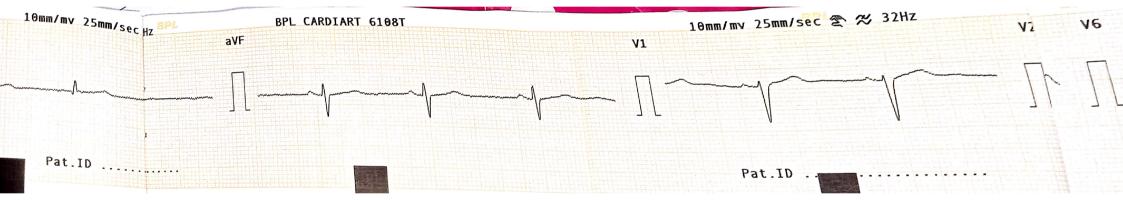
डिनिटल एक्स-रे, मल्टी रलाईस सी. टी. रकैन सुविधा उपलब्ध है।

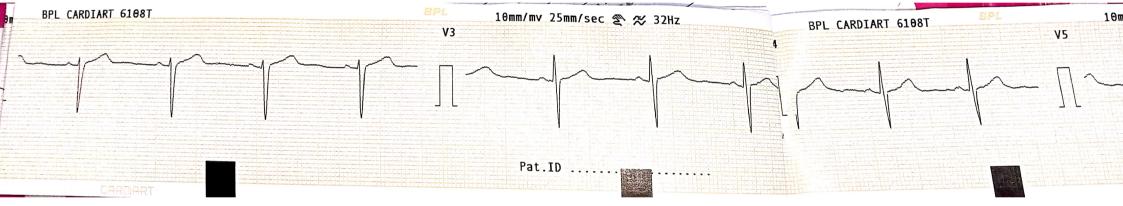


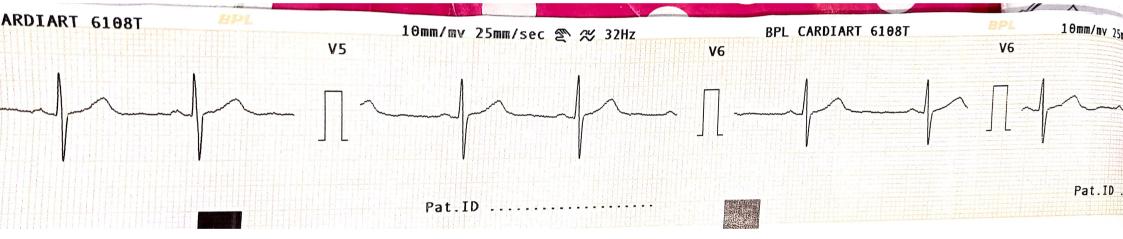
NOT VALID FOR MEDICO LEGAL PURPOSE











Tel.: 07599031977, 09458888448 Bareilly - 243 122 (U.P.) India (Opposite Care Hospital), A-3, Ekta Nagar, Stadium Road,



 •	NAME Mrs	
Dr. NITIN AGARWAL (DM)	Mrs. AASTHA KAR	
DATE	AGE/SEX 35 Y/F	
23/03/2024	35 Y/F	

ECHOCARDIOGRAPHY AND COLOUR DOPPLER STUDY

ECHOCARDIOGNALI	11 11110 00000	
MEASUREMENTS	VALUE	NORMAL DIMENSIONS
LVID (d) 4.5	cm	(3.7 –5.6 cm)
LVID (s) 2.4	cm	(2.2 –3.9 cm)
RVID (d) 2.4	cm	(0.7 –2.5 cm)
IVS (ed) 1.0	cm	(0.6 –1.1 cm)
LVPW (ed) 1.0	cm	(0.6 –1.1 cm)
AO 2.0	cm	(2.2 – 3.7 cm)
LA 3.2	cm	(1.9 –4.0 cm)
LV FUNCTION		76 %
EF 60	%	(24 - 70 %)
FS 30	%	(0, 44- C7)
LEFT VENTRICLE	No regional wall motion abnormality No concentric left Ventricle Hypertro	No regional wall motion abnormality No concentric left Ventricle Hypertrophy
MITRAL VALVE	Thin, PML moves No SAM, No Sub No mitral valve pr	Thin, PML moves posteriorly during Diastole No SAM, No Subvalvular pathology seen. No mitral valve prolapse calcification .
TRICUSPID VALVE	Thin, opening wel	
	Tricuspia iniliow velocity	
AORTIC VALVE	Thin, tricuspid, opening we no flutter. No calcification Aortic velocity = 1.3 m/sec	Thin, tricuspid, opening well, central closer, no flutter. No calcification Aortic velocity = 1.3 m/sec

ONARY VALVE

Thin, opening well, Pulmonary artery is normal EF slope is normal.
Pulmonary Velocity = 0.9 m /sec

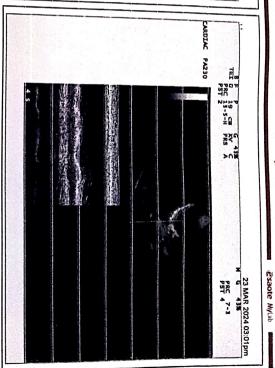
FACILITIES : ECG | COLOUR DOPPLER | ECHO CARDIOGRAPHY

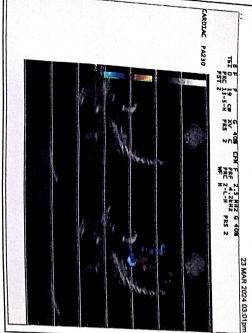
TMT | HOLTER MONITORING | PATHOLOGY



TEI D 19 CM XV C
PRC 13-5-L PRS A
PST 2

23 MAR 2024 03:01pm F 2.5 MH2 G 76% PRF - 1 PRF 6-1 PST 2 WF 600 Hz





175

ON DOPPLER INTERROGATION THERE WAS:

- No mitral regurgitation
- No tricuspid regurgitation
- No aortic regurgitation
- No pulmonary regurgitation

MITRAL FLOW

E=0.8 m/sec

A= 0.6 m/sec

ON COLOUR FLOW:

- No mitral regurgitation
- No tricuspid regurgitation
- No aortic regurgitation
- No pulmonary regurgitation

COMMENTS:

- No LA /LV clot
- No pericardial effusion
- No intracardiac mass
- IAS/IVS Intact
- Inferior vena cava normal in size with normal respiratory variation

FINAL IMPRESSION

- NO REGIONAL WALL MOTION ABNORMALITY
- NORMAL LV DIASTOLIC FUNCTION
- NORMAL LV SYSTOLIC FUNCTION (LVEF~60%)
- NORMAL CARDIAC CHAMBER DIMENSIONS
- NORMAL VALVULAR COLOUR FLOW PATTERN

DR.NITIN AGARWAL
DM (Cardiology)

Consultant Cardiologist

This opinion is to be correlated with the clinically findings and if required, please re-evaluate / reconfirm with further investigation.

APPLE CARDIAC CARE

EKTA NAGER STADIUM ROAD BAREILLY





4674 / MR. ANURAG KUMAR KARN / 36 Yrs / M / 168 Cms / 60 Kg Date: 23-Mar-2024 Refd By: NITIN AGARWAL (DM) Examined By: DR. NITIN AGARWAL

Stage	Time	Duration	Speed(mph)	Elevation	METS	Rate	% THR	ВР	RPP	PVC	Comments
Supine	00:06	0:06	00.0	00.0	01.0	095	52 %	120/70	114	00	
Standing	00:22	0:16	00.0	00.0	01.0	096	52 %	120/70	115	00	
HV	00:38	0:16	00.0	00.0	01.0	098	53 %	120/70	117	00	
ExStart	01:09	0:31	00.0	00.0	01.0	095	52 %	120/70	114	00	
BRUCE Stage 1	04:09	3:00	01.7	10.0	04.7	156	85 %	125/75	195	00	
BRUCE Stage 2	07:09	3:00	02.5	12.0	07.1	175	95 %	128/78	224		
PeakEx	09:08	1:59	03.4	14.0	09.2	184	100 %	130/80	239	00	
Recovery	09:38	0:30	00.0	0.00	04.1	170	92 %	130/80	221	00	
Recovery	10:08	1:00	00.0	00.00	01.1	149	81 %	128/78	190	00	
Recovery	11:08	2:00	00.0	00.00	01.0	131	71 %	128/78	167	00	
Recovery	11:19				00.0	000	0 %		000	00	

FINDINGS:

Exercise Time

Max HR Attained

Max BP Attained

Max WorkLoad Attained

Test End Reasons

: 07:59

: 184 bpm 100% of Target 184

: 130/80

: 9.2 Good response to induced stress

: Test Complete, Heart Rate Achieved, Test Complete, Heart Rate Achieved, Test Complete, heart Rate Ach

REPORThis is Sample Report 3

Heart Rate 96.0 bpm Systolic BP 130.0 mmHg Diastolic BP 80.0 mmHg Maximum Depression 0.3 Exercise Time 07:59 Mins. Ectopic Beats 0.0 METS 9.2

Doctor: DR. NITIN AGARWAL (DM)

A-3, Ekta Nagar, Stadium Road, (Opp. Care Hospital),

Bareilly - 243 122 (U.P.) India Tel.: 07599031977, 09458888448



Reg.NO.

: 153

NAME REFERRED BY

: Mr. ANURAG KUMAR KARN : Dr.Nitin Agarwal (D M)

DATE : 23/03/2024

AGE : 37 Yrs. SEX : MALE

TEST NAME	RESULTS	<u>UNITS</u>	BIOLOGICAL REF. RANGE
	HAEMATOLOGY		
COMPLETE BLOOD COUNT (CBC)			
HAEMOGLOBIN	13.6	gm/dl	12.0-18.0
TOTAL LEUCOCYTE COUNT	7,100	/cumm	4,000-11,000
DIFFERENTIAL LEUCOCYTE COUNT(DLC)			
Neutrophils	70	%	40-75
Lymphocytes	27	%	20-45
Eosinophils	03	%	01-08
TOTAL R.B.C. COUNT	4.23	million/cu	mm3.5-6.5
P.C.V./ Haematocrit value	42.3	%	35-54
	85.3	fL	76-96
MCV	30.2	pg	27.00-32.00
MCH	32.2	g/dl	30.50-34.50
M C H C	2.02	lacs/mm3	1.50 - 4.50
PLATELET COUNT			
E.S.R (WINTROBE METHOD)	13	mm	00 - 15
-in First hour			
BLOOD GROUP	В		
Blood Group	POSITIVE		
Rh	POSITIVE		
	BIOCHEMISTRY		
BLOOD SUGAR F.	87	mg/dl	60-100
	HAEMATOLOGY		

A-3, Ekta Nagar, Stadium Road, (Opp. Care Hospital), Bareilly - 243 122 (U.P.) India Tel.: 07599031977, 09458888448



DATE : 23/03/2024

153 : 37 Yrs. AGE Mr. ANURAG KUMAR KARN Reg. NO.

: MALE SEX NAME : Dr.Nitin Agarwal (D M)

REFERRED BY : BLOOD SAMPLE

BIOLOGICAL REF. RANGE UNITS RESULTS TEST NAME

GLYCOSYLATED HAEMOGLOBIN(HBA1C) 5.7

EXPECTED RESULTS:

4.0% to 6.0% Non diabetic patients 6.0% to 7.0% Good Control 7.0% to -8% Fair Control Above 800 Poor Control

*ADA: American Diabetes Association

The glycosylated hemoglobin assay has been validated as a reliable indicator of mean blood glucose levels for a period of 8-12 week period prior to HBA1C determination.ADA recommends the testing twice a year in patients with stable blood glucose, and quarterly, if treatment changes, or if blood glucose levels are unstable.

METHOD: ADVANCED IMMUNO ASSAY.

	BIOCHEMISTRY		
SERUM CREATININE	0.9	mg/dL.	0.5-1.4
URIC ACID	7.1	mg/dl	3.5-8.0

CLINICAL SIGNIFICANCE:

Analysis of synovial fluid plays a major role in the diagnosis of joint disease.

A-3, Ekta Nagar, Stadium Road, (Opp. Care Hospital), Bareilly - 243 122 (U.P.) India Tel.: 07599031977, 09458888448



Reg.NO.

: 153

NAME REFERRED BY : Mr. ANURAG KUMAR KARN : Dr.Nitin Agarwal (D M)

CAMPLE

: BLOOD

DATE : 23/03/2024

AGE : 37 Yrs. : MALE SEX

TEST NAME	RESULTS	<u>UNITS</u>	BIOLOGICAL REF. RANGE
LIVER PROFILE			
SERUM BILIRUBIN	0.9	mg/dL .	0.3-1.2
TOTAL DIRECT	0.5	mg/dL	0.2-0.6
INDIRECT	0.4	mg/dL	0.1-0.4
SERUM PROTEINS	7.6	Gm/dL	6.4 - 8.3
Total Proteins	7.6 4.2	Gm/dL	3.5 - 5.5
Albumin Globulin	3.4	Gm/dL	2.3 - 3.5
A : G Ratio	1.24		0.0-2.0
SGOT	39	IU/L	0-40 0-40
SGPT	40 72	IU/L IU/L	00-115
SERUM ALK.PHOSPHATASE	12		

NORMAL RANGE: BILIRUBIN TOTAL

Premature infants. 0 to 1 day: <8 mg/dL

Premature infants. 1 to 2 days: <12 mg/dL Adults: 0.3-1 mg/dL.

Premature infants. 3 to 5 days: <16 mg/dL Neonates, 0 to 1 day: 1.4-8.7 mg/dL

Neonates, 1 to 2 days: 3.4-11.5 mg/dL

Neonates, 3 to 5 days: 1.5-12 mg/dL Children 6 days to 18 years: 0.3-1.2 mg/dL

COMMENTS--

Total and direct bilirubin determination in serum is used for the diagnosis, differentiation and follow -up of jaundice. Elevation of SGPT is found in liver and kidney diseases such as infectious or toxic hepatitis,IM and cirrhosis. Organs rich in SGOT are heart ,liver and skeletal muscles. When any of these organs are damaged, the serum SGOT level rises in proportion to the severity of damage. Elevation of Alkaline Phosphatase in serum or plasma is found in hepatitis $, biliary\ obstructions, hyperparathyroid is m, steator rhea\ and\ bone\ diseases.$

A-3, Ekta Nagar, Stadium Road, (Opp. Care Hospital), Bareilly - 243 122 (U.P.) India Tel.: 07599031977, 09458888448



: 23/03/2024 DATE ; 37 Yrs.

AGE : Mr. ANURAG KUMAR KARN : MALE Reg.NO. **SEX**

: Dr.Nitin Agarwal (D M) NAME REFERRED BY : BLOOD

REFERRED BY BLOOD			BIOLOGICAL REF. RANGE
SAMPLE	RESULTS	<u>UNITS</u>	BIOLOGICAL REF, RANGE
TEST NAME LIPID PROFILE SERUM CHOLESTEROL SERUM TRIGLYCERIDE HDL CHOLESTEROL VLDL CHOLESTEROL	233 127 50 25.4 157.60 4.66	mg/dL. mg/dl. · mg/dL. mg/dL. mg/dL. mg/dl	130 - 200 30 - 160 30-70 15 - 40 00-130 0-4
CHOL/HDL CHOLESTEROL RATIO LDL/HDL CHOLESTEROL RATIO	3.15	mg/dl	0-3

TRIGLYCERIDE level > 250mg/dL is associated with an approximately 2-fold greater risk of coronary vascular disease. Elevation of triglycerides can be seen with obesity, medication, fast less than 12 hrs., alcohol intake, diabetes melitus, and pancreatitis. CHOLESTEROL, its fractions and triglycerides are the important plasma lipids indefining cardiovascular risk factors and in the managment of cardiovascular disease. Highest acceptable and optimum values of cholesterol values of cholesterol vary with age. Values above 220 mgm/dl are associated with increased risk of CHD regardless of HDL & LDL values.

HDL-CHOLESTEROL level <35 mg/dL is associated with an increased risk of coronary vascular disease even in the face of desirable

LDL - CHOLESTEROL & TOTAL CHOLESTEROL levels can be strikingly altered by thyroid, renal and liver disease as well as hereditary factors. Based on total cholesterol, LDL- cholesterol, and total cholesterol/HDL - cholesterol ratio, patients may be divided into the three risk categories.

7-32 U/L 24 Gamma Glutamyl Transferase (GGT)

URINE EXAMINATION

A-3, Ekta Nagar, Stadium Road, (Opp. Care Hospital), Bareilly - 243 122 (U.P.) India Tel.: 07599031977, 09458888448



Reg.NO.

: 153

NAME

: Mr. ANURAG KUMAR KARN

FEFRRED BY

: Dr.Nitin Agarwal (D M)

DATE : 23/03/2024

: 37 Yrs. AGE

: MALE SEX

REFERRED BY : DITMENT S SAMPLE : BLOOD			THE PANCE
	RESULTS	<u>UNITS</u>	BIOLOGICAL REF. RANGE
TEST NAME URINE EXAMINATION REPORT			
PHYSICAL EXAMINATION			
	6.0		
pH			
TRANSPARENCY	20	ml	
Volume	Light Yellow		
Colour	Clear		Nil
Appearence	Nil		
Sediments	1.020		1.015-1.025
Specific Gravity	Acidic		
Reaction			
BIOCHEMICAL EXAMINATION	Nil		NIL
UROBILINOGEN	Nil		NEGATIVE
BILIRUBIN	Nil -		NEGATIVE
URINE KETONE	Nil		Nil
Sugar	Nil		Nil
Albumin	Absent		Nil
Phosphates	Absenc		
MICROSCOPIC EXAMINATION	NI:I	/H.P.F.	
Red Blood Cells	Nil	/H.P.F.	
Pus Cells	2-3	/H.P.F.	
Epithelial Cells	2-3	,	NIL
Crystals	NIL -	/H.P.F.	
Casts	Nil	7,111	
DEPOSITS	NIL		
Bacteria	NIL		
Other	NIL		
2			

A-3, Ekta Nagar, Stadium Road, Opp. Care Hospital), _{(Орр.} Сают. 155рацу) Bareilly - 243 122 (U.P.) India Tel. : 07599031977, 09458888448



Reg.NO.

: 153

NAME

: Mr. ANURAG KUMAR KARN

REFERRED BY

: Dr.Nitin Agarwal (D M)

SAMPLE

: BLOOD

DATE : 23/03/2024

: 37 Yrs. AGE

: MALE SEX

TEST NAME

RESULTS

--{End of Report}--

BIOLOGICAL REF. RANGE UNITS

Dr. Shweta Agarwal, M.D.

(Pathologist)

A-3, Ekta Nagar, Stadium Road, (Opp: Care Hospital), Bareilly - 243 122 (U.P.) India Tel.: 07599031977, 09458888448



Reg.NO.

: 0154

NAME REFERRED BY : **Mrs. AASTHA KARN** : Dr.Nitin Agarwal (D M)

SAMPLE

: BLOOD

DATE : 23/03/2024

AGE : 28 Yrs.

SEX : FEMALE

TEST NAME	<u>RESULTS</u>	<u>UNITS</u>	BIOLOGICAL REF. RANGE
	HAEMATOLOGY		
COMPLETE BLOOD COUNT (CBC)		•	
HAEMOGLOBIN	12.7	gm/dl	12.0-15.0
TOTAL LEUCOCYTE COUNT	5, <mark>700</mark>	/cumm	4,000-11,000
DIFFERENTIAL LEUCOCYTE COUNT(DLC)			
Neutrophils	75	%	40-75
Lymphocytes	23	%	20-45
Eosinophils	02	%	01-08
TOTAL R.B.C. COUNT	4.21	million/cu	mm3.5-6.5
P.C.V./ Haematocrit value	39.6	%	35-54
MCV	79.3	fL	76-96
M C H	28.3	pg	27.00-32.00
MCHC	32.6	g/dl	30.50-34.50
PLATELET COUNT	1.75	lacs/mm3	1.50 - 4.50
E.S.R (WINTROBE METHOD)			
-in First hour	14	mm	00- 20
BLOOD GROUP			
Blood Group	0		
Rh	POSITIVE		

Ne Cardiac Care

, Stadium Road, rospital), ∡43 122 (U.P.) India 1599031977, 09458888448



Reg.NO.

: 0154

: Mrs. AASTHA KARN

NAME REFERRED BY

: Dr.Nitin Agarwal (D M)

SAMPLE

: BLOOD

GLYCOSYLATED HAEMOGLOBIN(HBA1C)

DATE : 23/03/2024

AGE : 28 Yrs.

: FEMALE SEX

TEST NAME

RESULTS

UNITS

BIOLOGICAL REF. RANGE

5.5

EXPECTED RESULTS:

Non diabetic patients

Good Control

4.0% to 6.0%

6.0% to 7.0% 7.0% to -8%

Fair Control Poor Control

Above 8%

*ADA: American Diabetes Association

The glycosylated hemoglobin assay has been validated as a reliable indicator of mean blood glucose levels for a period of 8-12 week period prior to HBA1C determination. ADA recommends the testing twice a year in patients with stable blood glucose, and quarterly, if treatment changes, or if blood glucose levels are unstable.

METHOD: ADVANCED IMMUNO ASSAY.

BIOCHEMISTRY

BLOOD SUGAR F.	79	mg/dl	60-100
BLOOD UREA NITROGEN	18	mg/dL.	5 - 25
URIC ACID	5.2	mg/dl	3.0-6.0

CLINICAL SIGNIFICANCE:

Analysis of synovial fluid plays a major role in the diagnosis of joint disease.

SERUM CREATININE

mg/dL.

0.5 - 1.4

Cardiac Care , Stadium Road, ospital), ,43 122 (U.P.) India 599031977, 09458888448



DATE : 23/03/2024 : 0154 **AGE** : 28 Yrs.

Reg.NO. : Mrs. AASTHA KARN : FEMALE SEX NAME : Dr.Nitin Agarwal (D M) REFERRED BY

CAMPLE : BLOOD			
SAME	RESULTS	<u>UNITS</u>	BIOLOGICAL REF. RANGE
TEST NAME	- F		
LIVER PROFILE			
SERUM BILIRUBIN	0.9	mg/dL	0.3-1.2
TOTAL	0.5	mg/dL	0.2-0.6
DIRECT	0.4	mg/dL	0.1-0.4
INDIRECT	0.4		
SERUM PROTEINS	6.9	Gm/dL	6.4 - 8.3
Total Proteins	4.0	Gm/dL	3.5 - 5.5
Albumin	2.9	Gm/dL	2.3 - 3.5
Globulin	1.38		0.0-2.0
A: G Ratio		IU/L	0-40
SGOT	21	IU/L	0-40
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SERUM ALK.PHOSPHATASE	79	IU/L	00 113

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Premature infants. 3 to 5 days: <16 mg/dL Neonates, 0 to 1 day: 1.4-8.7 mg/dL

Neonates, 3 to 5 days: 1.5-12 mg/dL Children 6 days to 18 years: 0.3-1.2 mg/dL Neonates, 1 to 2 days: 3.4-11.5 mg/dL

Total and direct bilirubin determination in serum is used for the diagnosis, differentiation and follow -up of jaundice. Elevation of SGPT is found in liver and kidney diseases such as infectious or toxic hepatitis, IM and cirrhosis. Organs rich in SGOT are heart, liver and skeletal muscles. When any of these organs are damaged, the serum SGOT level rises in proportion to the severity of damage. Elevation of Alkaline Phosphatase in serum or plasma is found in hepatitis , biliary obstructions, hyperparathyroidism, steatorrhea and bone diseases.

A3 122 (U.P.) India
(599031977, 09458888448



Reg.NO. : 0154

NAME : Mrs. AASTHA KARN

REFERRED BY : Dr. Nitin Agarwal (D M)

SAMPLE : BLOOD

DATE : 23/03/2024

AGE: 28 Yrs. SEX: FEMALE

TEST NAME	RESULTS	<u>UNITS</u>	BIOLOGICAL REF. RANGE
LIPID PROFILE			
SERUM CHOLESTEROL	166	mg/dL.	130 - 200
SERUM TRIGLYCERIDE	99	mg/dl.	30 - 160
HDL CHOLESTEROL	52	mg/dL.	30-70
VLDL CHOLESTEROL	19.8	mg/dL.	15 - 40
LDL CHOLESTEROL	94.20	mg/dL.	00-130
CHOL/HDL CHOLESTEROL RATIO	3.19	mg/dl	0-4
LDL/HDL CHOLESTEROL RATIO	1.81	mg/dl	0-3

INTERPRETATION

TRIGLYCERIDE level > 250mg/dL is associated with an approximately 2-fold greater risk of coronary vascular disease. Elevation of triglycerides can be seen with obesity, medication, fast less than 12 hrs., alcohol intake, diabetes melitus, and pancreatitis. CHOLESTEROL. its fractions and triglycerides are the important plasma lipids indefining cardiovascular risk factors and in the management of cardiovascular disease. Highest acceptable and optimum values of cholesterol values of cholesterol vary with age. Values above 220 mgm/dl are associated with increased risk of CHD regardless of HDL & LDL values.

HDL-CHOLESTEROL level <35 mg/dL is associated with an increased risk of coronary vascular disease even in the face of desirable levels of cholesterol and LDL - cholesterol.

LDL - CHOLESTEROL& TOTAL CHOLESTEROL levels can be strikingly altered by thyroid, renal and liver disease as well as hereditary factors. Based on total cholesterol, LDL- cholesterol, and total cholesterol/HDL - cholesterol ratio, patients may be divided into the three risk categories.

Gamma Glutamyl Transferase (GGT)

31

U/L

11-50

URINE EXAMINATION





: 0154 Reg.NO.

Mrs. AASTHA KARN NAME

: Dr.Nitin Agarwal (D M) REFERRED BY

: BLOOD SAMPLE

DATE : 23/03/2024 AGE : 28 Yrs.

SEX : FEMALE

SAMPLE : BLOOD	RESULTS	UNITS	BIOLOGICAL REF. RANG
TEST NAME	The Control of the Co		RAN
JRINE EXAMINATION REPORT			
PHYSICAL EXAMINATION			
pH .	6.0		
FRANSPARENCY	20	ml	
Volume	20		
Colour	Light Yellow		Nil
Appearence	Clear		
Sediments	Nil		1.015-1.025
Specific Gravity	1.018		1.013 1.025
Reaction	Acidic		
BIOCHEMICAL EXAMINATION			NIL
JROBILINOGEN	Nil		NEGATIVE
BILIRUBIN	Nil		NEGATIVE
JRINE KETONE	Nil		Nil
Sugar	Nil		
Albumin	Nil		Nil
Phosphates	Absent		Nil
MICROSCOPIC EXAMINATION			
Red Blood Cells	Nil	/H.P.F.	
Pus Cells	1-2	/H.P.F.	
Epithelial Cells	2-3	/H.P.F.	
Crystals	NIL		NIL
Casts	Nil	/H.P.F.	
DEPOSITS	NIL		
Bacteria	NIL		
Other	NIL		

Cardiac Care

adium Road, pital), 122 (U.P.) India 1031977, 09458888448



Reg.NO.

: 0154

NAME

: Mrs. AASTHA KARN

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: Dr.Nitin Agarwal (D M)

SAMPLE

: BLOOD

DATE : 23/03/2024

AGE SEX

: 28 Yrs. : FEMALE

TEST NAME

RESULTS

<u>UNITS</u>

BIOLOGICAL REF. RANGE

--{End of Report}--

1. Agament

Dr. Shweta Agarwal, M.D.

(Pathologist)