

Name - Neelam Gupta.

Age - 57y/f.

Height - 157cm.

Weight - 62kg.

BMI - 25.2.

BP - 134/83 mmHg

Medication - No Medication

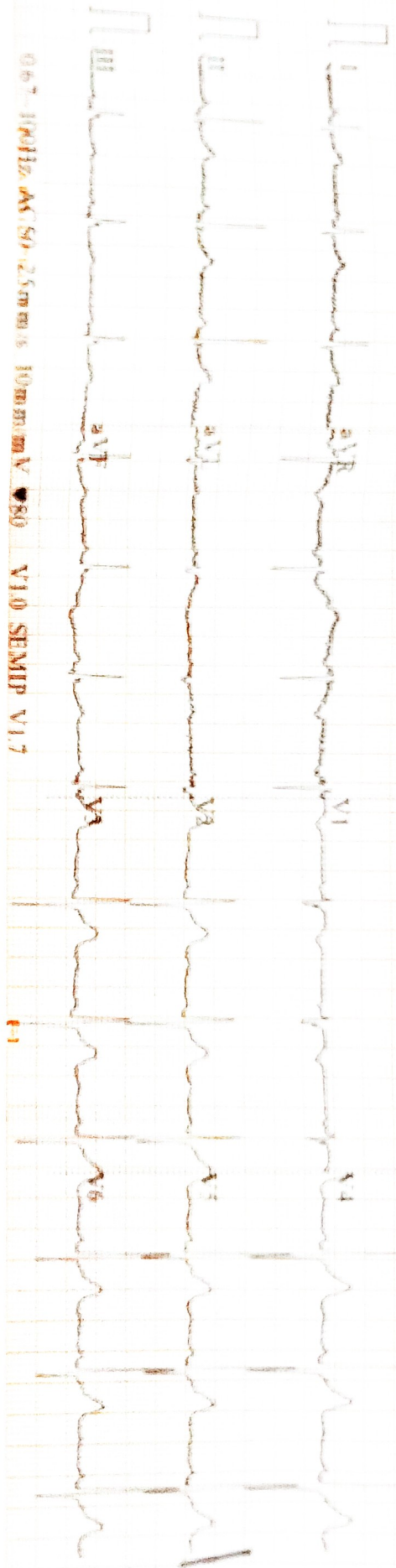
Any History No History

Phone No - 9412507002  
97566 23190.



ID 48 12-02-2024 01:53:05 PM

0.67-100Hz, 25mm/s, 10mm/mV, 60 V10 SEMIP V17



*Chakraborty*

ID: 48	Female	47 years	kg	month	Diagnosis Information
HR	70 bpm				Sinus Rhythm
P	98 ms				Normal ECG
PR	110 ms				
QRS	74 ms				
QT/QTc	160/401 ms				
PR/ST	41/70/54				
RV/SVI	1.00/0.14/0.05				

Dr. SONAL DHINGRA  
 M.B.B.S., M.D.  
 Report Confirmed by

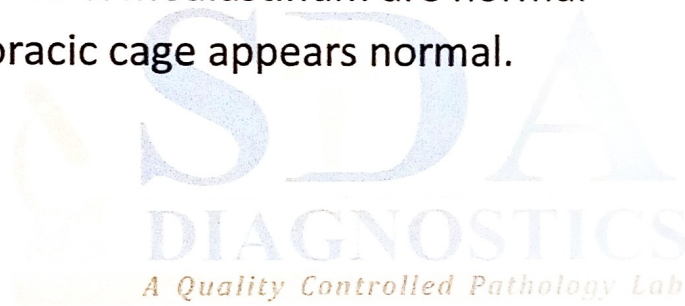


PT. NAME	MR. NEELAM GUPTA	AGE/SEX	57Y/F	FILM
REF. BY	DR. SELF	DATE:	12/02/2024	01

### X-RAY CHEST PA VIEW

- Both CP angles are normal.
- Trachea is normal in position.
- Cardiac size is within normal limits.
- Both hila are normal.
- Heart, aorta & mediastinum are normal
- Bony thoracic cage appears normal.

**NORMAL STUDY**



**DR. MOHIT SHARMA**  
(MBBS)(DMRD) Chief consultant  
Interventional Radiologist

**Dr. Bhavna Sharma**  
M.D. Pathology

**Dr. Swati Tiwari**  
M.D. Microbiology

**Dr. Sonal Dhingra Anand**  
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## डॉ० संजय गुप्ता

## संजय आई नर्सिंग होम

### Dr. Sanjay Gupta

के- 1252, निकट पी.वी.एस. मॉल  
शास्त्री नगर, मेरठ ।

MBBS, DO(GNEC, MAMC, N. Delhi)  
नेत्र रोग विशेषज्ञ / EYE SURGEON

आई. ओ. एल. भैगापन, कॉन्टैक्ट लैन्स एवं  
फेको द्वारा मोतियाबिन्द ऑपरेशन विशेषज्ञ

भूतपूर्व रेजीडेंट सर्जन -

- गुरु तेगबहादुर अस्पताल, दिल्ली
- गुरुनानक आई सेंटर, नई दिल्ली
- मोहन आई इन्स्टीट्यूट, नई दिल्ली

पूर्व मुख्य चिकित्साधिकारी एवं कन्सलटेन्ट  
नेहरू नेत्र चिकित्सालय, मुजफ्फरनगर

समय :

प्रातः 8 बजे से रात्रि 8:00 बजे तक

फोन : 0121-2760991

मोबाईल : 9412115353

E-mail : sanjayeyehospital@gmail.com

सुविधाएँ उपलब्ध :-

- \* कम्प्यूटर द्वारा चश्मे एवं काला मोतियाबिन्द की जाँच
- \* फेको द्वारा बिना इन्जेक्शन, बिना टॉके का मोतियाबिन्द ऑपरेशन
- \* येग लेज़र
- \* ए-स्कैन
- \* आँखों के घाव का इलाज
- \* भैगापन, नासूर, पलकबन्दी, नाखूना एवं अन्य ऑपरेशन
- \* सभी ऑपरेशन दूरबीन द्वारा किये जाते हैं ।

### निःशुल्क आँखों की जांच

### निःशुल्क आँखों का ऑपरेशन

### आयुष्मान भारत के मरीजों के लिए

फोलडेबल लैन्स बिना टांके, फेको एवं दूरबीन द्वारा

### निःशुल्क सुविधा रात्रि ठहरने की

### बाकी मरीजों के लिए न्यूनतम खर्च में

दिनांक 12/2/24

Mrs. Neelam Gupta

57/A

- Glaucoma pt.  
on Rx

Vu-2019  
20.0000  
In-21.0000  
Apph. - 20.0000  
Sanjay



# Meenakshi Diagnostics

73-C, Garh Road, Near Hotel Harmony Inn, Meerut-250002 (U.P.)  
Ph. : 0121-2766666, 9458802222, 9458803333, 9458804444, 9458806666

Centre equipped with M.R.I. with upgraded software of 3T Platform, 500 Slice VHS C.T. Scan.  
Digital X-Ray, Mammography, O.P.G., 4D / 5D Ultrasound & Colour Doppler, 2-D Echocardiography

Pt. Name	Mrs. Neelam Gupta	Age/Sex	57 YRS/F	Film
Ref. By	S D A Diagnostics	Date:	12.02.2024	

Patient identity can't be verified

## USG WHOLE ABDOMEN

**Liver:** is normal in size with normal echotexture. No focal/diffuse mass lesion is seen. IHBRs are normal. Liver margins are smooth and regular.

**Gall Bladder:** is partially distended. Tiny immobile nondependent echogenic lesion of size ~4.6x2.5 mm is seen arising from posterior wall of gall bladder---Suggestive of polyp. Walls are normal.

**CBD** is normal in its proximal part with distal smooth tapering most end of CBD could not be visualized---due to overlying bowel gases.

**Portal vein** is normal in calibre.

**Pancreas:** is normal in size and echotexture. No peripancreatic collection is seen. Pancreatic duct is not dilated.

**Spleen:** is normal in size measuring ~9.8 x 3.9 cm with normal echotexture.

**Right kidney** appears to be normal in size, shape, position, contour and cortical echotexture. No calculus/hydronephrosis is seen. Corticomedullary differentiation is maintained. Renal margins are regular. Renal cortical thickness is normal.

**Left kidney:** appears to be normal in size, shape, position, contour and cortical echotexture. No calculus/hydronephrosis is seen. Corticomedullary differentiation is maintained. Renal margins are regular. Renal cortical thickness is normal.

**Urinary bladder:** is well distended. Walls are normal. No calculus/focal mass is seen.

**Uterus** is anteverted, measuring ~6.4x2.1x3.4 m. Myometrial echotexture is normal. No mass lesion is seen. Endometrial thickness is normal.

Both ovaries are normal in size and echotexture.

Adnexal sites are clear.

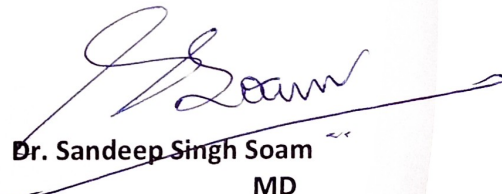
No free fluid is seen in pouch of douglas.

### IMPRESSION – USG findings are suggestive of :-

- Likely small gall bladder polyp.

Please correlate clinically.

ADV: Follow up.

  
Dr. Sandeep Singh Soam  
MD

=====

Dr. Sandeep Sirohi	Dr. Mohd. Saalim	Dr. Sandeep Singh Soam	Dr. Renu Diwakar	Dr. Mohd. Qasim
DMRD	MD	MD	MBBS	DMRD

=====

Note : All congenital anomalies may not be diagnosed in routine USG. The USG findings should always be considered in correlation with clinical and other investigations findings to reach the final diagnosis. Kindly intimate us for any typing mistakes and return the report for correction within 7 days. Not valid for medico-legal purpose.



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Referred By : Dr. SELF		Reporting Time : 12-Feb-2024 10:56AM
Sample By :		

Test Name	Results	Units	Biological Ref-Interval
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### HAEMATOLOGY

#### COMPLETE BLOOD COUNT

HAEMOGLOBIN (Colorimetry)	<b>11.20</b>	g/dl	12-16.5
TOTAL LEUCOCYTE COUNT (Electric Impedence)	6300.00	/Cum m	4000-11000
<b>DIFFERENTIAL LEUCOCYTE COUNT</b> (Microscopy)			
Neutrophils	65.00	%	44-68
Lymphocytes	31.00	%	25- 44
Eosinophils	2.00	%	0.0- 4.0
Monocytes	2.00	%	0.0-7.0
Basophils	0.00	%	0.0-1.0
Immature Cells	00	%	
<b>Absolute Count</b>			
Neutrophils Count (calculated)	4095.00	/cumm	2000-7000
Lymphocytes Count (calculated)	1953.00	/cumm	1000-3000
Eosinophils Count (calculated)	126.00	/cumm	40-440
Monocytes Count (calculated)	<b>126.00</b>	/cumm	200-1000
Basophils Count (calculated)	0.00	/cumm	0-30
TOTAL R.B.C. COUNT (Electric Impedence)	<b>5.51</b>	10 <sup>6</sup> /uL	3.50-5.50
Haematocrit Value (P.C.V.) (Calculated)	<b>36.60</b>	%	37.0-54.0
MCV (Calculated)	<b>66.00</b>	fL	76-98
MCH	<b>20.30</b>	pg	27-32



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(Calculated)			
MCHC	<b>30.60</b>	g/dl	31-35
(Calculated)			
RDW-CV	<b>15.80</b>	%	11.5 - 14.5
(Calculated)			
Platelet Count	255	Thousand/cumm	150-450
(Electric Impedence)			
MPV	<b>9.60</b>	fL	11.5-14.5
(Calculated)			
PDW	16.40	fL	9.0-17.0
(Calculated)			
E.S.R	18.00	mm	00-20
(Wintrobe method)			
Peripheral Smear	..		

#### BLOOD GROUP

Blood Group	B
Rh Status	POSITIVE

<b>GLYCATED HAEMOGLOBIN (HbA1c)</b>	5.60	%	4.5-6.0
ESTIMATED AVERAGE GLUCOSE	114.02	mg/dl	

#### EXPECTED RESULTS :

Non diabetic patients & Stabilized diabetics	: 4.5 % to 6.0 %
Good Control of diabetes	: 6.1 % to 7.0 %
Fair Control of diabetes	: 7.1 % to 8.0 %
Poor Control of diabetes	: 8 % and above

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.



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Test Name	Results	Units	Biological Ref-Interval
<b>BIOCHEMISTRY</b>			
<b>BLOOD GLUCOSE FASTING</b> (GOD/POD method)	104.00	mg/dl	70 - 110
<b>BLOOD GLUCOSE P.P.</b> (GOD/POD method) After 2.0 hrs of meal	132.00	mg/dl	70-140



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Test Name	Results	Units	Biological Ref-Interval
<b>LIVER PROFILE</b>			
<b>SERUM BILIRUBIN</b>			
TOTAL (Diazo)	0.59	mg/dl	0.30-1.20
DIRECT (Diazo)	<b>0.21</b>	mg/dl	0.00-0.20
INDIRECT (Calculated)	0.38	mg/dl	0.20-1.00
S.G.P.T. (IFCC method)	28.00	U/L	0-45
S.G.O.T. (IFCC method)	33.00	U/L	0-45
SERUM ALKALINE PHOSPHATASE (4-nitrophenylphosphate to 2-amino-2-methyl-1propan	79.00	IU/L.	35-145
<b>SERUM PROTEINS</b>			
TOTAL PROTEINS (Biuret)	6.20	Gm/dL.	6.0-8.0
ALBUMIN (Bromocresol green Dye)	3.70	Gm/dL.	3.5-5.2
GLOBULIN (Calculated)	2.50	Gm/dL.	2.5-3.5
A : G RATIO (Calculated)	<b>1.48</b>		1.5-2.5

**LIVER FUNCTION TESTS CHECK THE LEVEL OF CERTAIN ENZYMES AND PROTEINS IN BLOOD**

Levels that are higher or lower than normal can indicate liver problems. Some common liver function tests include :

Alanine transaminase (ALT). ALT is an enzyme found in the liver and When the liver is damaged, ALT is released into the bloodstream and levels increase.

Aspartate transaminase (AST). AST is an enzyme that helps metabolize alanine,an amino acid. AST is normally present in blood at low levels. An increase in AST levels may indicate liver damage or disease or muscle damage.

Alkaline phosphatase (ALP). ALP is an enzyme in the liver, bile ducts and bone.



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<b>RENAL PROFILE</b>			
BLOOD UREA (Urease Glutamate dehydrogenase)	24.0	mg/dl	10-50
SERUM CREATININE (Jaffe`s)	0.80	mg/dL.	0.6-1.2
SERUM URIC ACID (Urease method)	4.7	mg/dL.	3.5-7.5
SERUM SODIUM (Na) (ISE Direct)	141.0	mmol/l	135 - 155
SERUM POTASSIUM (K) (ISE Direct)	4.00	mmol/l	3.5 - 5.5
SERUM CALCIUM (Arsenazo)	9.3	mg/dl	8.5-10.1
<b>SERUM PROTEIN</b>			
TOTAL PROTEINS (Biuret)	6.20	Gm/dL.	6.0-8.0
SERUM ALBUMIN (Bromocresol green Dye)	3.70	Gm/dL.	3.5-5.2
GLOBULIN (Calculated)	2.50	Gm/dL.	2.5-3.5
A : G RATIO (Calculated)	<b>1.48</b>	Gm/dL.	1.5-2.5

**INTERPRETATION:**

Urea is the end product of protein metabolism. It reflects on functioning of the kidney in the body. Creatinine is the end product of creatine metabolism. It is a measure of renal function and elevated levels are observed in patients typically with 50% or greater impairment of renal function. Sodium is critical in maintaining water & osmotic equilibrium in extracellular fluids. Disturbances in acid base and water balance are typically reflected in the sodium concentrations . Potassium is an essential element involved in critical cell functions. Potassium levels are influenced by electrolyte intake ,excretion and other means of elimination, exercise, hydration and medications. Calcium imbalance may cause a spectrum of disease . High concentrations are seen in Hyperparathyroidism, Malignancy & Sarcoidosis. Low levels may be due to protein deficiency, renal insufficiency and Hypoparathyroidism. Repeat measurement is recommended if the values are outside the reference range.



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Test Name	Results	Units	Biological Ref-Interval
<b>LIPID PROFILE</b>			
SERUM CHOLESTEROL (CHOD - PAP)	187.0	mg/dl	125-200
SERUM TRIGLYCERIDE (GPO-PAP)	136.0	mg/dl	50-150
HDL CHOLESTEROL (Direct Method)	41.0	mg/dl	30-80
VLDL CHOLESTEROL (Calculated)	27.2	mg/dl	5-35
LDL CHOLESTEROL (Calculated)	118.8	mg/dL.	70-130
LDL/HDL RATIO (Calculated)	2.9		0.0-4.9
CHOL/HDL CHOLESTROL RATIO (Calculated)	<b>4.6</b>		1.5-3.0

#### 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 in defining 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.



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**HORMONE**

**THYRIOD PROFILE**

Triiodothyronine (T3) (FIA)	0.91	ng/dl	0.52-1.85
Thyroxine (T4) (FIA)	7.12	ug/dl	4.8-11.6
THYROID STIMULATING HORMONE (TSH) (FIA)	4.38	mIU/L	0.50-5.50

**Interpretation Note:**

Thyroid Stimulating Hormone (TSH) is a highly effective screening assay for thyroid disorders. In patients with an intact pituitary-thyroid axis, TSH provides a physiologic indicator of the functional level of thyroid hormone activity. Increased TSH indicates inadequate thyroid hormone, and suppressed s-TSH indicates excess thyroid hormone. Transient s-TSH abnormalities may be found in seriously ill, hospitalized patients, so this is not the ideal setting to assess thyroid function. However, even in these patients, s-TSH works better than total thyroxine (an alternative screening test). when the s-TSH result is abnormal, appropriate follow-up tests T4 & free T3 levels should be performed. If TSH is between 5.0 to 10.0 & free T4 & free T3 level are normal then it is considered as subclinical hypothyroidism which should be followed up after 4 weeks & If TSH is > 10 & free T4 & free T3 level are normal then it is considered as overt hypothyroidism.

Serum triiodothyronine (T3) levels often are depressed in sick and hospitalized patients, caused in part by the biochemical shift to the production of reverse T3. Therefore, T3 generally is not a reliable predictor of hypothyroidism. However, in a small subset of hyperthyroid patients, hyperthyroidism may be caused by overproduction of T3 (T3 toxicosis). To help diagnose and monitor this subgroup, T3 is measured on all specimens with suppressed s-TSH and normal FT4 concentrations.

Normal ranges of TSH & thyroid hormones vary according trimester in pregnancy.

TSH ref range in Pregnancy	Reference range (microIU/ml)
----------------------------	------------------------------

First trimester	0.24 - 2.00
Second trimester	0.43-2.2
Third trimester	0.8-2.5

-----{END OF REPORT }-----



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