

Nidhi
Nidhi





विवेकानन्द आरोग्य केन्द्र

डायग्नोस्टिक एवं ओ.पी.डी.
भारत विकास परिषद्, महाराष्ट्र प्रताप न्यास द्वारा संचालित



Radiology Report

Name : Mrs. Nidhi
Age/Gender : 32 Y/F
Prescribed Doctor : Self

MR No : MR006456
Visit ID : OP013239
Report Date : 04-05-2019 11:51

Ultrasound

USG EXAMINATION : WHOLE ABDOMEN

Liver shows normal shape with **mild increase in size (16.2cm) with mildly increased echogenicity, suggestive of fatty change.** Intrahepatic biliary radicals are not dilated. No focal lesion is seen. **Portal Vein** shows normal calibre.

Gall bladder shows physiological distension and normal wall thickness. No calculus or mass is seen in the lumen.

CBD is normal in diameter. No calculus is seen

Pancreas is normal in size, shape and echo texture.

Spleen is normal in shape, size and echo texture.

Right kidney show normal shape & size. Cortico-medullary differentiation is maintained. Right kidney show no calculus or hydronephrosis. Right kidney measures 113 x 50 mm.

Left kidney show normal shape & size. Cortico-medullary differentiation is maintained. Left kidney show no calculus or hydronephrosis. Left kidney measures 115 x 50mm.

No free fluid is seen in the intra-peritoneal cavity. No evidence of mesenteric lymphadenopathy is seen.

Urinary bladder is normal shape and size with normal wall thickness. No mass or calculus is seen.

Uterus shows normal shape, size and echo texture. No focal lesion is seen. Uterus measures 64 x 37 x 26mm. Endometrial thickness is 7mm..

Adnexae and Ovaries show no mass.

Right ovary measures 29 x 26 x 23mm (vol-9.4cc).

Left ovary measures 22 x 23 x 19mm (vol-5.1cc).

Cul-de-sac is clear.

IMP : Mild hepatomegaly with fatty liver grade II.

PLEASE CORRELATE CLINICALLY

Dr. PAWAN JOON
MD (Radio Diagnosis)
Vivekanand Arogya Kendra
Regn. No. HMC-13523
Dr. Pawan Joon
MD (Radio- diagnosis)



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Ref. No.:.....

Date:.....

MR NO	MR006456	AGE	32YRS
PATIENT'S NAME	Mrs. NIDHI	SEX	FEMALE
REF. BY		DATE	10.05.2019

X-RAY CHEST PA VIEW

Rotated radiograph.

Bilateral lung fields appears to be clear. No obvious pulmonary parenchymal lesion is seen.

Trachea is central.

Cardiac shadow appears to be mildly enlarged ? due to rotation ? mild cardiomegaly.

Both costo phrenic angles and domes of diaphragm are normal.

Visualized soft tissue and bony thoracic cage appears to be normal.

PLEASE CORRELATE CLINICALLY.

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MD (Radio Diagnosis)
Vivekanand Arogya Kendra
Regn. No. HMC-13523
DR. PAWAN JOON
MD (Radio-diagnosis)



Ref. No.:.....

Date:.....

TRANSTHORACIC ECHO-DOPPLER REPORT

Name	- Mrs. Nidhi	Age/Sex	- 32 YEARS FEMALE
Regn No.	- 006456	Date	-04/05/2019
Diagnosis	- ECHOCARDIOGRAPHY	OPD NO.-	013239

M-Mode/2 -D Description:

Left Ventricle: No LVRWMA seen, normal LVEF=55%

Left Atrium : It is normal sized.

Right Atrium: It is normal sized.

Right Ventricle: It is normal sized. RV systolic function normal.

Aortic Valve : Aortic cusps normal.

Mitral Valve: It opens normally.

Tricuspid Valve: It appears normal.

Pulmonic Valve: its appears normal.

Main Pulmonary artery& its branches: Appear Normal.

Pericardium: There is no pericardial effusion.

Inter atrial septum: It is intact

Inter ventricular Septum: It is intact.

IVC: Normal size & respiratory variability.

Measurement (mm)

LEFT HEART			RIGHT HEART		
	<u>Observed values (mm)</u>	<u>Normal values</u>		<u>Observed values (mm)</u>	<u>Normal values</u>
Aortic root	26	20-36 (22mm/m2)	IVC size	1.1	17-24 mm
Aortic valve opening	13	15-26(mm/m2)	IVC respiratory variability	normal	>50%
La size	34	19-40(mm/m2)	RA size	normal	<18cm2



Ref. No.:.....

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LA volume index (ml/m ²)		<34ml/m ²		-	
LVID(D)	41	(ED=37-56)	RV basal	-	24-42mm
LVID(S)	29		RV mid cavity	-	20-35mm
IVS(D)	06	(ED=6-12)	RV longitudinal	-	56-86mm
IVS(S)	12		RVOT PROXIMAL	-	18-33mm
PW(D)	06	ED=(5-10)	RVTDI	-	>12cm/sec
PW(S)	08		RV free wall thickness	-	<5mm
LVEF (%)	55%	55%-80%	RVEF	normal	>44%

Doppler velocities (cm/sec)

Aortic valve			Pulmonary valve	
Max/Mean velocity cm/sec	115		Max velocity	normal
Max / PG	5.27mmHg		Max PG	-
Mitral valve			Tricuspid valve	
E cm/sec	94	Max PG =	Max Velocity cm/sec	226
A cm/sec	69	Max Velocity =	E/A (0.8 -2.1)	-
DT	-	Max PG =	E/E(>6)	-
E/E'	-	Mean Velocity =	S, Velocity(10 cm ² /sec)	-

Regurgitation

MR		TR	
Severity	NIL	Severity	TRIVIAL
VC (mm)		VC (mm)	
ERO (mm)			
RV(ml)			
Max velocity		RVSP	~ 25mmHg



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AR		PR	
Severity	nil	Severity	nil
PHT (m sec)			
VC (mm)			

Final Interpretation

Study done at HR of 77 beats per minute.

1. No LVRWMA seen, normal LVEF=55% seen.
2. Rest CCD normal.
3. Nial MR, Trivial TR (RVSP~ 25 mmHg), RV function normal present.
4. MIP- Normal.
5. Aortic cusps normal, nil AR seen. Peak Aortic Velocity around 115 cm/sec.
6. IVC small calibre and respiratory variability >50% Present.
7. No I/C Clot / no Vegetation / no PE seen.

for

DR. ARUN KUMAR GARG

(MBBS PGDCC FNIC FICC)

(CLINICAL CARDIOLOGIST)