

डॉ. अंकिता विजयवर्गीय

डॉ. बी. एस., डी. एम. आर. डी
आर आई. फेलोशिप :
नानावती हॉस्पिटल, मुंबई
हिंदुजा हॉस्पिटल, मुंबई
रेडियोलाजिस्ट :
टैस हॉस्पिटल, नोएडा
टी. बी. हॉस्पिटल, दिल्ली
सी हॉस्पिटल लिमिटेड, कानपुर
हर लाल नेहरू कैंसर हॉस्पिटल, भोपाल

DR. ANKITA VIJAYVARGIYA

MBBS, DMRD

MRI FELLOWSHIPS :

- NANA VATI HOSPITAL, MUMBAI
- HINDUJA HOSPITAL, MUMBAI

FMF Certified from
Fetal Medicine Foundation
Reg. No. MP-8932

FORMER RADIOLOGIST AT:

- FORTIS HOSPITAL, NOIDA
- G.T.B HOSPITAL, DELHI
- REGENCY HOSPITAL LTD, KANPUR
- JAWAHAR LAL NEHRU CANCER HOSPITAL, BHOPAL

MRS. SIMRAN

Head:

- Head appears normal in size and shape.
- Cerebral structure appears normal.
- Both Lateral ventricles appear normal. TD at atrium (LVa) measured 6.61 mm. Cavum Septum Pellucidum is seen.
- Cerebellum appears normal. Transverse cerebellar diameter (TCD) measures 19.6 mm.
- Cisterna Magana is Normal in size (6.71 mm) and shape.
- No SOL is seen.

Spine:

- Full length of the vertebral column is visualized in Sagittal, Coronal and transverse planes. Normal alignment of vertebrae was recorded. No obvious defect was visualized.

Neck:

- No cystic lesion is visible around the fetal neck.
- Nuchal skin fold thickness (NF) measured 5.37 mms.

Face:

- Fetal face was visualized in profile and coronal scans.
- Both eyeballs, nose and lips appear normal.
- Nasal bone was well visualized.
- Pre-maxillary triangle appears intact.

Thorax:

- Normal cardiac situs and position.
- Four chambers view and outflow tracts view appear normal except an echogenic focus in left ventricle. All cardiac anomalies are out of preview of this study, dedicated Echo is not done & may be suggested for the same.
- Both lungs were visualized.
- No evidence of pleural or pericardial effusion.
- NO SOL seen in thorax.

P.T.O.

Name: SIMRAN, 20Y/F

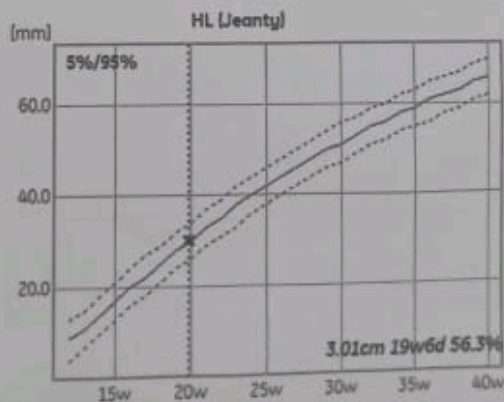
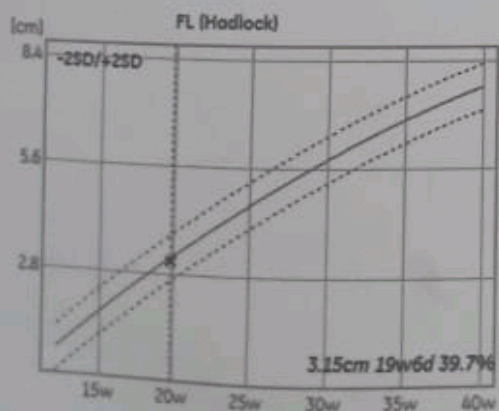
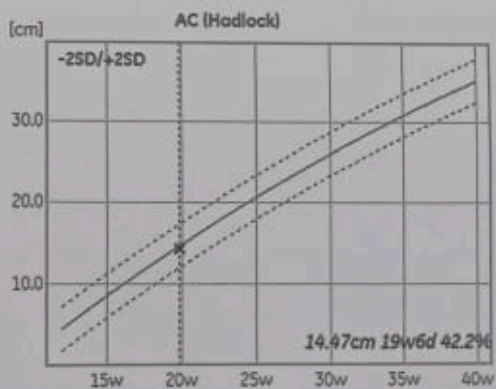
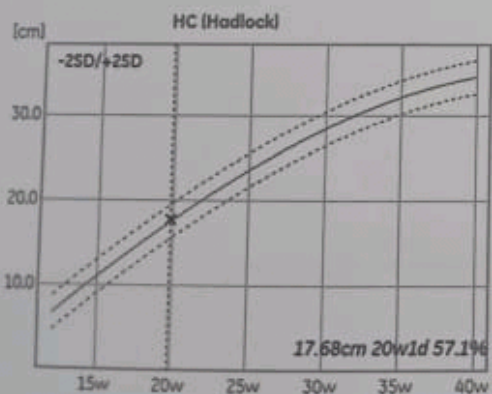
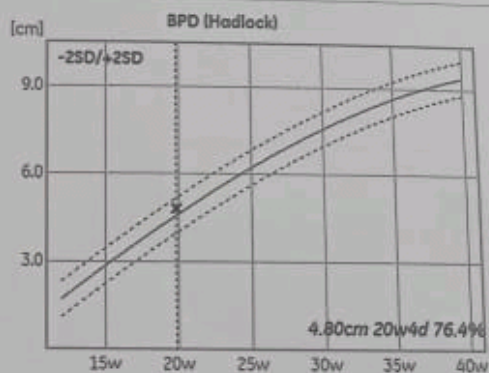
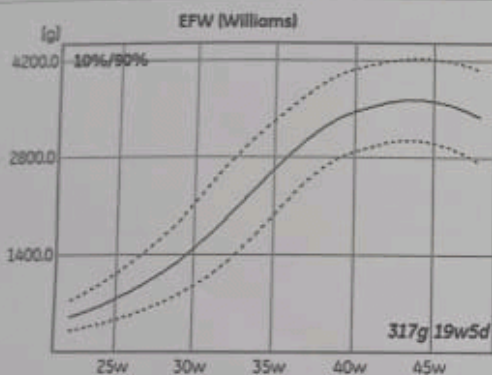
Patient ID:

VS8800264-24-08-24-12

oppler Measurements	Value	m1	m2	m3	m4	m5	m6	Meth.
Right Uterine								
ED	59.59 cm/s	59.59						
TAmx	94.18 cm/s	94.18						max
MD	58.44 cm/s	58.44						max
RI	0.63	0.63						max
PI	1.08	1.08						avg.
S/D	2.71	2.71						avg.
HR	95 bpm	95						avg.
								max
Fetal Heart Rate								
Ventricular FHR	142 bpm	142						avg.

raph

GA Reference: GA(LMP)



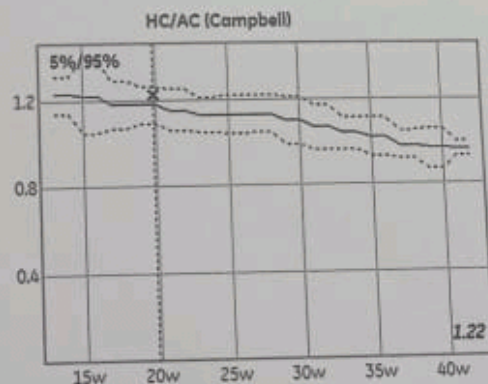
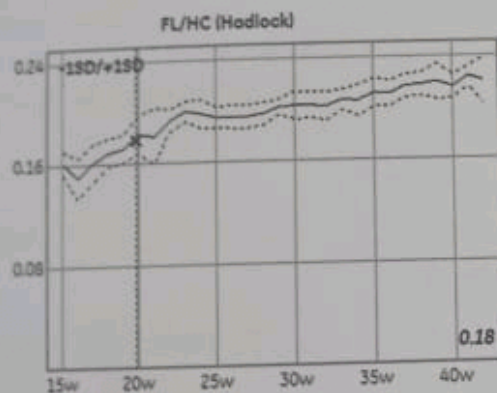
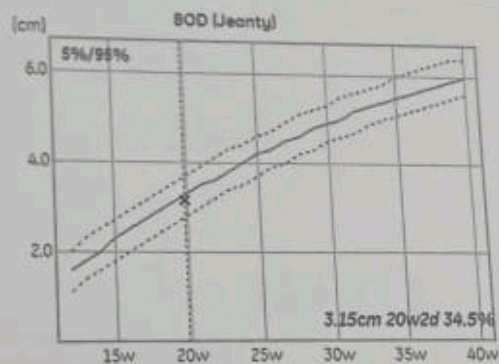
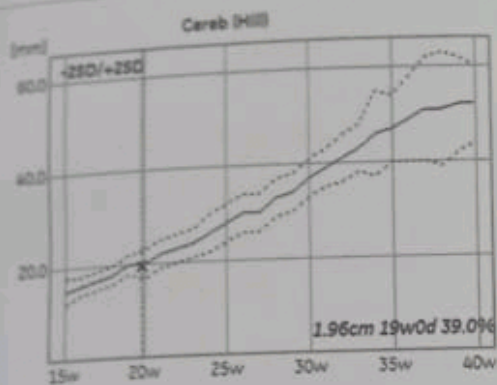
Name: SIMRAN, 20Y/F

Patient ID:

VS8800264-24-08-24-12

GA Reference: GA(LMP)

raph



Generic	Value	m1	m2	m3	m4	m5	m6	Meth.
Dist.								
D	3.30 cm	3.30						avg.

Date: 24.08.2024

Perf. Physician:

Sonographer:

DR. ANKITA
VIJAYVARGIYA

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MRS. SIMRAN

Abdomen :

- Anterior abdominal wall appears intact. Umbilical cord insertion was visualized.
- Normal abdominal situs.
- Fetal liver, gall bladder, stomach and bowel loops appear normal.
- No ascitis.

Urinary Tract :

- Both kidneys appear normal in size. No pelvicalyceal dilatation.
- Urinary bladder appears normal.

Limbs :

- All the four limbs are seen. The long bones appear normal for the period of gestation.
- Both the hands and feet appeared normal.

Imb. Cord :

- Cord appears normal and reveals two arteries and one vein.

(must be noted that detailed fetal anatomy may not always be visible due to technical difficulties related to fetal position, amniotic fluid volume, fetal movements, maternal abdominal wall thickness & tissue ecogenicity. Therefore all fetal anomalies may not be detected at every examination. Patient has been uncalled about the capabilities & limitations of this examination.)

Dr. Ankita Vijayvargiya, declare that while conducting Sonography I have neither detected nor disclosed the x of the fetus to anybody in any manner.)

(DR. ANKITA VIJAYVARGIYA)

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जा हॉस्पिटल, मुंबई

सेंट्रॉल हॉस्पिटल :

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डॉ. लाल नेहरू कैंसर हॉस्पिटल, भोपाल

PATIENT'S NAME : MRS. SIMRAN

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AGE/SEX : 20Y/F

REF. BY : DR. PUJA SINGH (MBBS, DGO)

DATE : 24.08.2024

OBSTETRIC SONOGRAPHY WITH TARGETED FETAL SCAN

Sittings - 1

Total examination time - 35 Min.

LMP : 07.04.2024

GA (LMP) : 19 wk 6 d

EDD : 12.01.2025

Single live fetus seen in the intrauterine cavity in Cephalic presentation.

Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 142 beats /min.

FETAL GROWTH PARAMETERS

BPD	48.0	mm	~	20	wks	4 days of gestation.
HC	176.8	mm	~	20	wks	1 days of gestation.
AC	144.7	mm	~	19	wks	6 days of gestation.
FL	31.5	mm	~	19	wks	6 days of gestation .
HL	30.1	mm	~	19	wks	6 days of gestation .
TCD	19.6	mm	~	19	wks	0 days of gestation.
BOD	31.5	mm	~	20	wks	2 days of gestation.
NF	5.37	mm	--	--	--	--
LV(atria)	6.61	mm	--	--	--	--

Quantity of liquor is adequate. Placenta is placed high posterior (grade I). Cervical length is normal 3.3 cms. Internal OS is closed at present. EDD by USG - 12.01.2025 . EFW - 317 gm +/- 46 gm.

➤ Baseline screening of both uterine arteries was done & reveals mean PI of ~ 1.2 (WNL for gestation) .

IMPRESSION:

- Single, live, intrauterine fetus.
- Fetal size corresponds to 19 weeks 6 days +/- 1 week 2 days .
- An Intracardiac echogenic focus in left ventricle - one of minor marker for chromosomal anomaly. Rest of fetal gross morphology examination otherwise is within normal limits.

P.T.O

Obstetrics Report

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DR. ANKITA SONOGRAPHY CEI

Patient / Exam Information

Patient ID: VS8800264-24-08-24-12
Name: SIMRAN, 20Y/F
DOB: 24-08-2004
Sex: Female

Date of Exam: 24.08.2024

MP: 07.04.2024 DOC

EDD(LMP): 12.01.2025 GA(LMP): 19w6d

A(AUA): 19w6d
DD(AUA): 12.01.2025

EFW (Hadlock)	Value	Range	Age	Range	GP (Williams)
AC/BPD/FL/HC	317g	± 46g	19w5d		N/A

ID Measurements	AUA	Value	m1	m2	m3	Meth.	GP	GA
BPD (Hadlock)	<input checked="" type="checkbox"/>	4.80 cm	4.80			avg.		76.4% 20w4d
OFD (HC)		6.10 cm	6.10			avg.		
HC (Hadlock)	<input checked="" type="checkbox"/>	17.68 cm	17.68			avg.		57.1% 20w1d
AC (Hadlock)	<input checked="" type="checkbox"/>	14.47 cm	14.47			last		42.2% 19w6d
FL (Hadlock)	<input checked="" type="checkbox"/>	3.15 cm	3.15			avg.		39.7% 19w6d
HL (Jeanty)	<input checked="" type="checkbox"/>	3.01 cm	3.01			avg.		56.3% 19w6d
Cereb (Hill)	<input checked="" type="checkbox"/>	1.96 cm	1.96			avg.		39.0% 19w0d
CM		6.71 mm	6.71			avg.		
Va		6.61 mm	6.61			avg.		
BOD (Jeanty)	<input checked="" type="checkbox"/>	3.15 cm	3.15			avg.		34.5% 20w2d
NF		5.37 mm	5.37			avg.		

D Calculations	Value	Range
CI (BPD/OFD)	79%	(70 - 86%)
FL/AC	22%	(20 - 24%)
FL/BPD	66%	(GA: OOR)
FL/HC (Hadlock)	0.18	(0.17 - 0.20)
HC/AC (Campbell)	1.22	(1.09 - 1.26)

Doppler Measurements	Value	m1	m2	m3	m4	m5	m6	Meth.
Left Uterine								
PS	132.00 cm/s	132.00						max
ED	39.17 cm/s	39.17						max
TAmx	70.54 cm/s	70.54						max
MD	38.45 cm/s	38.45						max
RI	0.70	0.70						avg.
PI	1.32	1.32						avg.
S/D	3.37	3.37						avg.
HR	103 bpm	103						max
Right Uterine								
PS	161.20 cm/s	161.20						max

26/8/24

Date	/	/
Page No.		
Srivastava		

132. Miss. Simran

20/F

Fair
Medium

DOB - 20 Oct 2002

Ht - 5'6 inch

Wt - 47.6 kg

2500 2500 20/-