

# 1. अंकिता विजयवर्गीय

सौ. बी. एम. डॉ. एम. आर. डी

आर. आर. फैलोशिप :

ग्रामीण हास्पिटल, मुंबई

जा. हास्पिटल, मुंबई

रेडियोलोजिस्ट :

ईस हास्पिटल, नोएडा

टी. बी. हास्पिटल, दिल्ली

सी. हास्पिटल लिमिटेड, कानपुर

हर लाल नेहरू कैंसर हास्पिटल, भोपाल

## DR. ANKITA VIJAYVARGIYA MBBS, DMRD

### MRI FELLOWSHIPS :

• NANAVATI HOSPITAL, MUMBAI

• HINDUJA HOSPITAL, MUMBAI

### FORMER RADIOLOGIST AT:

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• REGENCY HOSPITAL LTD, KANPUR

• JAWAHAR LAL NEHRU CANCER HOSPITAL, BHOPAL

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

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.

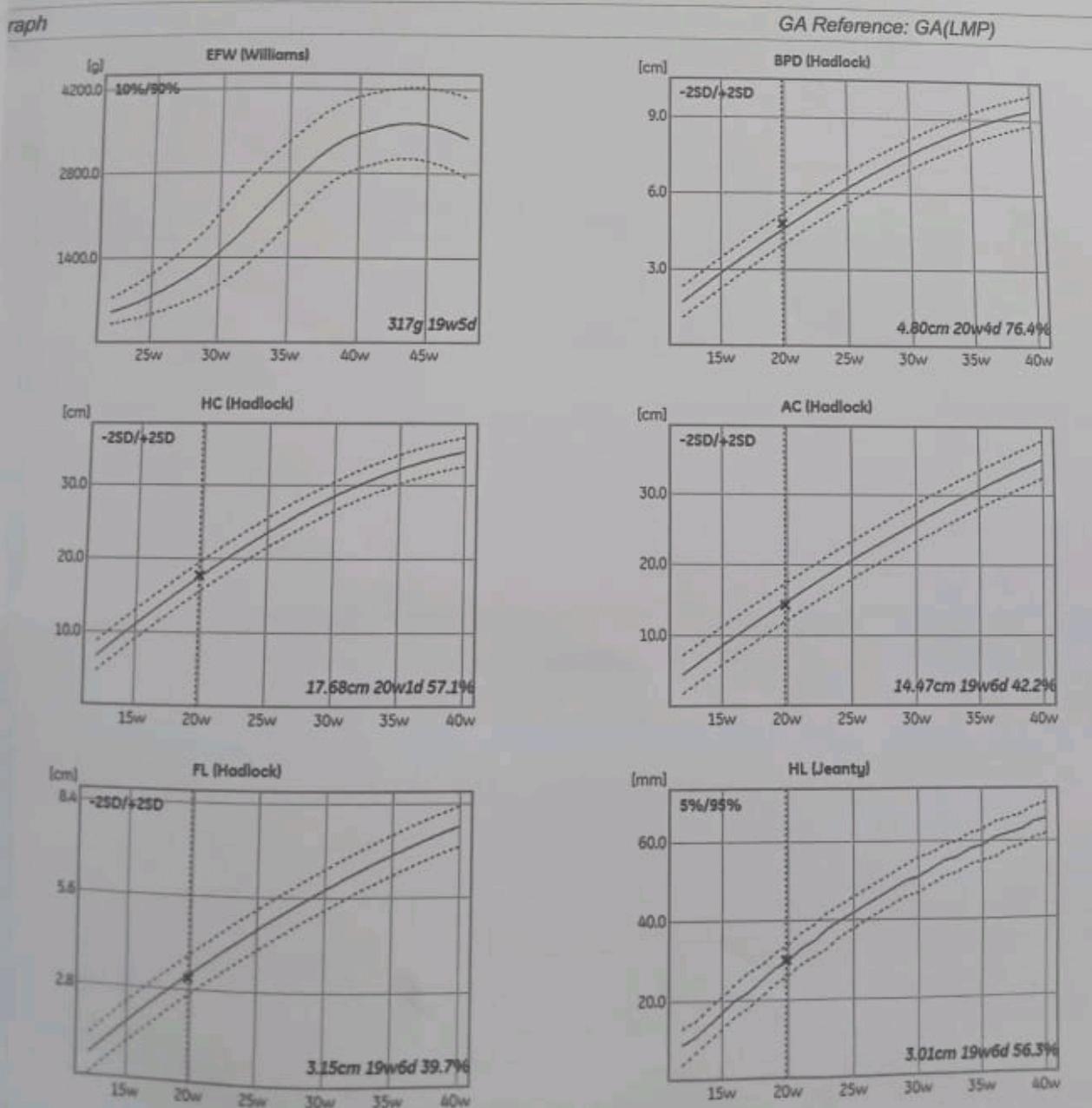
### Thorax:

- 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					
Parameter	Value		m1	m2	m3	m4	m5	m6	Meth.
Right Uterine ED	59.59 cm/s	59.59							
TMax	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.
SD	2.71	2.71							avg.
HR	95 bpm	95							avg.
Fetal Heart Rate									
Ventricular FHR	142 bpm	142							avg.



Name:

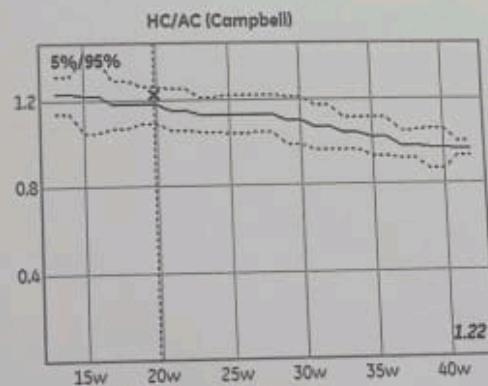
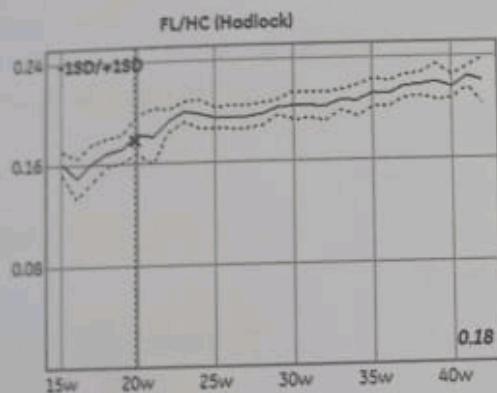
SIMRAN, 20Y/F

Patient ID:

VS8800264-24-08-24-12

GA Reference: GA(LMP)

rapII



Generic	Value	m1	m2	m3	m4	m5	m6	Meth.
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Dist.

D

3.30 cm

3.30

avg.

Date: 24.08.2024

Perf. Physician:

Sonographer: DR. ANKITA  
VIJAYVARGIYA

# डॉ. अंकिता विजयवर्गीय

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नावाटी हास्पिटल, मुंबई

इंडिया हास्पिटल, मुंबई

फिरोजालाजिस्ट :

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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.

## Cord :

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

(It 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 echogenicity. Therefore all fetal anomalies may not be detected at every examination. Patient has been counselled about the capabilities & limitations of this examination.)

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

( DR. ANKITA VIJAYVARGIYA )

# डॉ. अंकिता विजयवर्गीय

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श्री हॉस्पिटल सिमिटेंड, कानपुर

हा लाल नेहरू कैम्प हॉस्पिटल, भोपाल

PATIENT'S NAME : MRS. SIMRAN

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Reg. No. MP-8932

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

Date of Exam: 24.08.2024

DOB/Age: Female

AP: 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

3D Measurements	AUA	Value	m1	m2	m3	Meth.	GP	GA
BPD (Hadlock)	✓	4.80 cm	4.80			avg.	76.4%	20w4d
OFD (HC)		6.10 cm	6.10			avg.		
HC (Hadlock)	✓	17.68 cm	17.68			avg.	57.1%	20w1d
AC (Hadlock)	✓	14.47 cm	14.47			last	42.2%	19w6d
FL (Hadlock)	✓	3.15 cm	3.15			avg.	39.7%	19w6d
HL (Jeanty)	✓	3.01 cm	3.01			avg.	56.3%	19w6d
Cereb (Hill)	✓	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)	✓	3.15 cm	3.15			avg.	34.5%	20w2d
NF		5.37 mm	5.37			avg.		

D Calculations	Range
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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)

Uppler Measurements	Value	m1	m2	m3	m4	m5	m6	Meth.
<b>Left Uterine</b>								
PS	132.00 cm/s	132.00						max
ED	39.17 cm/s	39.17						max
TAmax	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
<b>Right Uterine</b>								
PS	161.20 cm/s	161.20						max

Date / /  
Page No. \_\_\_\_\_  
Shivgati

26/8/24

20F

Tripple  
marker

2500 2500 0/-

132. miss. Simran

DOB - 20 Oct 2002  
Ht - 5'6 inch  
Wt - 47.6 kg