

डॉ. अकिता विजयवर्गीय

एम. बी. बी. एस., डी. एम. आर डी

एम. आर. आई. फेलोशिप :

नानावटी हॉस्पिटल, मुंबई

हिंदुजा हॉस्पिटल, मुंबई

पूर्व रेडियोलॉजिस्ट :

फोर्टिस हॉस्पिटल, नोएडा

जी. टी. बी. हॉस्पिटल, दिल्ली

रीजेंसी हॉस्पिटल लिमिटेड, कानपुर

जवाहर लाल नेहरू कैंसर हॉस्पिटल, भोपाल

DR. ANKITA VIJAYVARGIYA
MBBS, DMRD

MRI FELLOWSHIPS :

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• HINDUJA HOSPITAL, MUMBAI

FORMER RADIOLOGIST AT:

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• G.T.B HOSPITAL, DELHI

• REGENCY HOSPITAL LTD, KANPUR

• JAWAHAR LAL NEHRU CANCER HOSPITAL, BHOPAL

FMF Certified from

Fetal Medicine Foundation

Reg. No. MP-8932

MRS. AYESHA

Head:

- Head appears normal in size and shape.
- Cerebral structure appears normal.
- Both Lateral ventricles appear normal. TD at atrium (LVa) measured 4.93 mm. Cavum Septum Pellucidum is seen.
- Cerebellum appears normal. Transverse cerebellar diameter (TCD) measures 19.0 mm.
- Cisterna Magana is Normal in size (3.56 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 3.27 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. *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.

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PATIENT'S NAME : MRS. AYESHA

AGE/SEX : 33Y/ F

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

DATE : 01.01.2024

OBSTETRIC SONOGRAPHY WITH TARGETED FETAL SCAN

Sittings - 1

Total examination time - 35 Min.

LMP : 05.03.2024

GA (LMP) : 19 wk 2 d

EDD : 10.12.2024

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

Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 143 beats /min.

FETAL GROWTH PARAMETERS

BPD	45.0	mm	~	19	wks	4 days of gestation.
HC	163.7	mm	~	19	wks	1 days of gestation.
AC	143.9	mm	~	19	wks	5 days of gestation.
FL	29.9	mm	~	19	wks	2 days of gestation .
HL	30.1	mm	~	19	wks	6 days of gestation .
TCD	19.0	mm	~	18	wks	4 days of gestation.
BOD	29.0	mm	~	18	wks	6 days of gestation.
NF	3.27	mm	--	--	--	--
LV(atria)	4.93	mm	--	--	--	--

Quantity of liquor is adequate. Placenta is placed high, right postero-lateral (grade I). Cervical length is normal 3.2 cms. Internal OS is closed at present. EDD by USG - 10.12.2024 . EFW - 294 gm +/- 43 gm.

➤ Baseline screening of both uterine arteries was done & reveals mean PI of ~ 1.3 (WNL for gestation) .

IMPRESSION:

- ↓ Single, live, intrauterine fetus.
- ↓ Fetal size corresponds to 19 weeks 2 days +/- 1 week 2 days .
- ↓ Fetal gross morphology examination within normal limits.

P.T.O

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MRS. AYESHA

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. Foot length measures 31.2 mm .

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

(I 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)

Obstetrics Report

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DR. ANKITA SONOGRAPHY CEI

Patient / Exam Information

Date of Exam: 18.07.2024

Patient ID VS8800264-24-07-18-7
Name AYESHA, 33Y/F
DOB, Age
Sex Female

LMP 05.03.2024 DOC EDD(LMP) 10.12.2024 GA(LMP) 19w2d
GA(AUA) 19w2d
EDD(AUA) 10.12.2024

EFW (Hadlock)	Value	Range	Age	Range	GP (Williams)
AC/BPD/FL/HC	294g	± 43g	19w3d		N/A

2D Measurements	AUA	Value	m1	m2	m3	Meth.	GP	GA
BPD (Hadlock)	☒	4.50 cm	4.50			avg.		19w4d
OFD (HC)		5.76 cm	5.76			last		
HC (Hadlock)	☒	16.37 cm	16.37			last		19w1d
HC* (Hadlock)	☐	16.18 cm	16.18					
AC (Hadlock)	☒	14.39 cm	14.39			last		19w5d
FL (Hadlock)	☒	2.99 cm	2.99			avg.		19w2d
HL (Jeanty)	☒	3.01 cm	3.01			avg.		19w6d
Cereb (Hill)	☒	1.90 cm	1.90			avg.		18w4d
CM		3.56 mm	3.56			avg.		
Va		4.93 mm	4.93			avg.		
BOD (Jeanty)	☒	2.90 cm	2.90			avg.		18w6d
NF		3.27 mm	3.27			avg.		

2D Calculations	Range
CI (BPD/OFD)	78% (70 - 86%)
FL/AC	21% (20 - 24%)
FL/BPD	66% (GA: OOR)
FL/HC (Hadlock)	0.18 (0.16 - 0.19)
HC/AC (Campbell)	1.14 (1.09 - 1.26)

Doppler Measurements	Value	m1	m2	m3	m4	m5	m6	Meth.
Left Uterine								max
PS	76.26 cm/s	76.26						max
ED	20.94 cm/s	20.94						max
TAmx	36.55 cm/s	36.55						avg.
MD	20.37 cm/s	20.37						avg.
RI	0.73	0.73						avg.
PI	1.51	1.51						max
S/D	3.64	3.64						
HR	95 bpm	95						

Name: **AYESHA, 33Y/F**

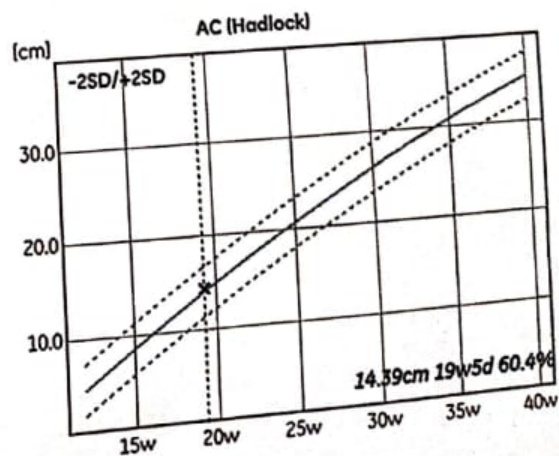
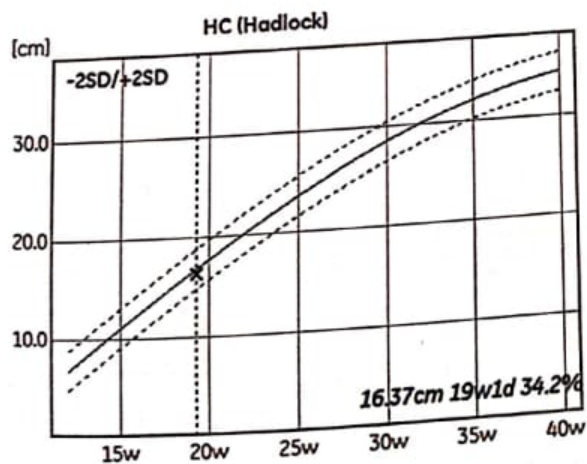
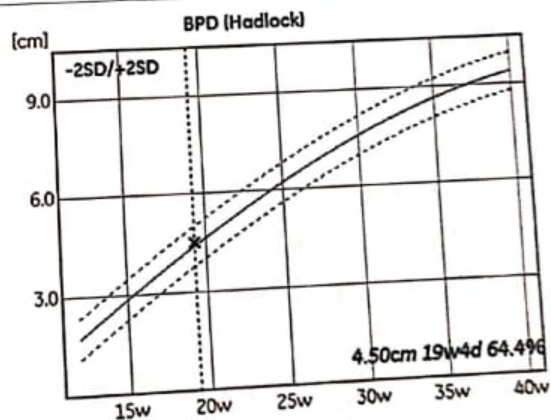
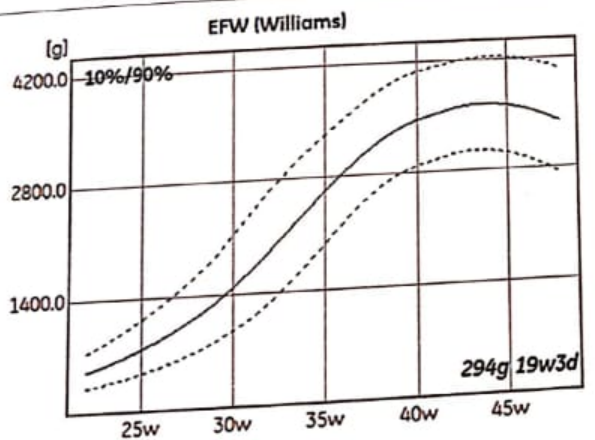
Patient ID:

VS8800264-24-07-18-7

Doppler Measurements	Value	m1	m2	m3	m4	m5	m6	Meth.
Right Uterine								
PS	97.94 cm/s	97.94						max
PS	35.57 cm/s	35.57						max
ED	57.18 cm/s	57.18						max
TAmx	33.36 cm/s	33.36						max
MD	0.64	0.64						avg.
RI	1.09	1.09						avg.
PI	2.75	2.75						avg.
S/D								max
HR	93 bpm	93						
Fetal Heart Rate								avg.
Ventricular FHR	143 bpm	143						

GA Reference: GA(LMP)

Graph



Name:

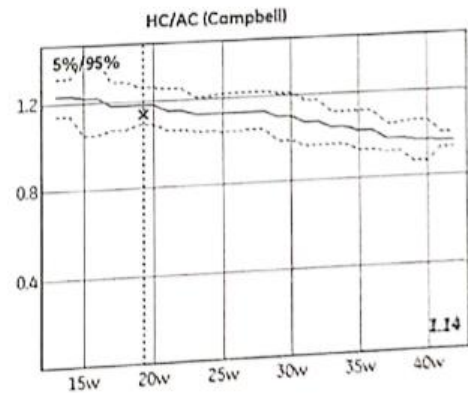
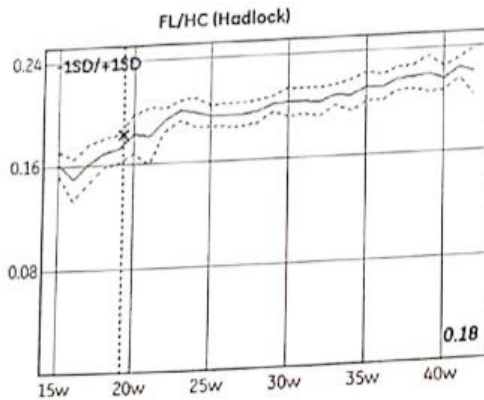
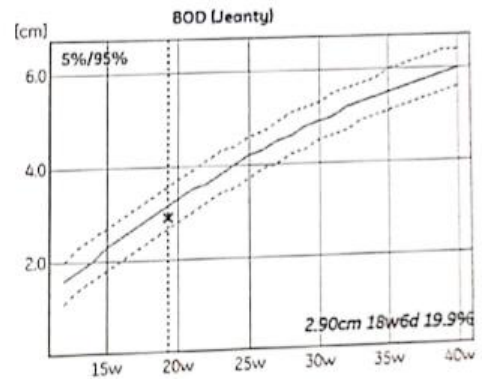
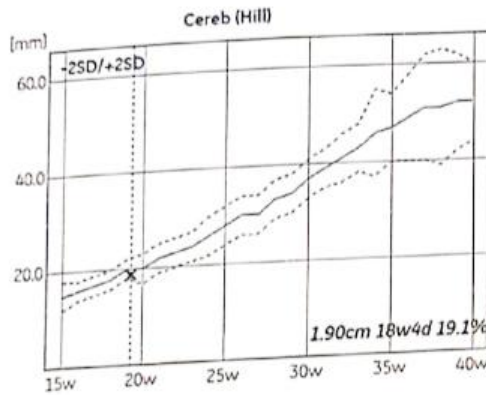
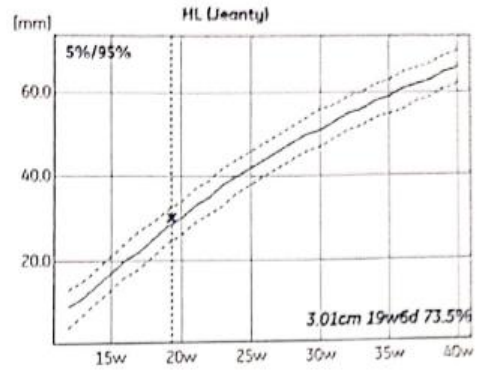
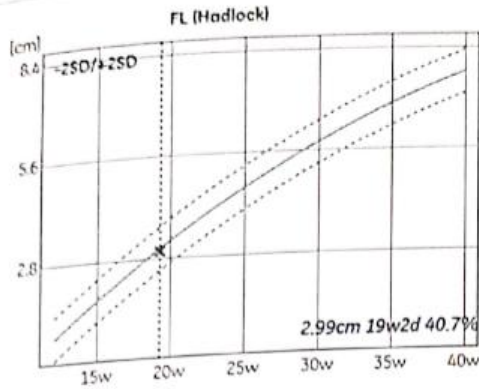
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GA Reference: GA(LMP)

Graph



2D Generic	Value	m1	m2	m3	m4	m5	m6	Meth.
Dist.								avg.
D	3.16 cm	3.20	3.12					

Date: 18.07.2024

Perf. Physician:

Sonographer:

DR. ANKITA
VIJAYVARGIYA