

डॉ. अकिता विजयवर्गीय

एम. बी. बी. एम., 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 :

- NANAVATI HOSPITAL, MUMBAI
- HINDUJA HOSPITAL, MUMBAI

FORMER RADIOLOGIST AT:

- FORTIS HOSPITAL, NOIDA
- 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

PATIENT'S NAME : MRS. JYOTI

AGE/SEX : 32Y/ F

REF. BY : DR. NISHI MITRA

DATE : 18.05.2023

OBSTETRIC SONOGRAPHY WITH TARGETED FETAL SCAN

Sittings – 1

Total examination time – 35 Min.

LMP : 23.12.2022

GA (LMP) : 20 wk 6 d

EDD : 29.09.2023

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

Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 153 beats /min.

FETAL GROWTH PARAMETERS

BPD	45.9	mm	~	19	wks	6 days of gestation.
HC	173.5	mm	~	19	wks	6 days of gestation.
AC	146.9	mm	~	20	wks	0 days of gestation.
FL	32.9	mm	~	20	wks	2 days of gestation .
HL	32.9	mm	~	21	wks	1 days of gestation .
TCD	20.2	mm	~	19	wks	3 days of gestation.
BOD	32.0	mm	~	20	wks	3 days of gestation.
NF	5.4	mm	--	--	--	--
LV(atria)	5.2	mm	--	--	--	--

Quantity of liquor is adequate. Placenta is placed high , left postero-lateral (grade I). Cervical length is normal 3.3 cms. Internal OS is closed at present. EDD by USG – 04.10.2023 . EFW – 332 gm +/- 50 gm.

➤ Baseline screening of both uterine arteries was done & reveals mean PI of ~ 0.93 (WNL for gestation) .

IMPRESSION:

- Single, live, intrauterine fetus.
- Fetal size corresponds to 20 weeks 1 days +/- 1 week 3 days .
- Fetal gross morphology examination within normal limits.

P.T.O

Shop No. 22/23, Lower Ground Floor (Basement) C.I. Square Mall, Kolar Road, Bhopal
Mob.:9648844111, 7379330099



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MRS. JYOTI

Head:

- Head appears normal in size and shape.
- Cerebral structure appears normal.
- Both Lateral ventricles appear normal. TD at atrium (LVa) measured 5.2 mm. Cavum Septum Pellucidum is seen.
- Cerebellum appears normal. Transverse cerebellar diameter (TCD) measures 20.2 mm.
- Cisterna Magana is Normal in size (4.2 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 5.4 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.

