

EXPERIENCED RADIOLOGIST AT:
TIS HOSPITAL, NOIDA
B HOSPITAL, DELHI
ENCY HOSPITAL LTD, KANPUR
ANAR LAL NEHRU CANCER HOSPITAL, BHOPAL

PATIENT'S NAME : MRS. RADHA

AGE/SEX : 37Y/ F

REF. BY : DR. POOJA SHRIVASTAVA (MBBS, MS)

DATE : 19.03.2024

OBSTETRIC SONOGRAPHY WITH TARGETED FETAL SCAN

LMP : 17.11.2023

GA (LMP) : 17 wk 4 d

EDD : 23.08.2024

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

Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 148 beats/min.

FETAL GROWTH PARAMETERS

BPD	40.3	mm	~	18	wks	2 days of gestation.
HC	150.5	mm	~	18	wks	1 days of gestation.
AC	120.0	mm	~	17	wks	5 days of gestation.
FL	25.4	mm	~	17	wks	5 days of gestation .
HL	25.1	mm	~	17	wks	6 days of gestation .
TCD	18.8	mm	~	18	wks	3 days of gestation.
BOD	25.7	mm	~	16	wks	6 days of gestation.
NF	3.06	mm	--	--	--	--
LV(atria)	7.19	mm	--	--	--	--

Quantity of liquor is adequate. Placenta is placed high anterior (grade I). Cervical length is normal 3.5 cms. Internal OS is closed at present. EDD by USG – 21.08.2024 . EFW – 208 gm +/- 30 gm.

- Baseline screening of both uterine arteries was done & reveals mean PI of ~ 1.47 (WNL for gestation) .
- Ductus venosus shows normal spectrum with positive "a" wave (PI ~ 0.87) .

IMPRESSION:

- Single, live, intrauterine fetus.
- Fetal size corresponds to 17 weeks 6 days +/- 1 week .
- Mild communication of 4th ventricle with cisterna magna – Differentials in order include 1. Blake's Pouch cyst & 2. Dandy walker variant (Rescanning after 3-4 weeks is suggested) . Rest of fetal gross morphology examination is within normal limits at present .

P.T.O

ANKITA VIJAYVARGIYA
MBBS, DMRD
Reg. No. MP-8932



DIAGNOSTICS & IMAGING

**FMF CERTIFIED FROM
FETAL MEDICINE FOUNDATION**

- FOR NT/NB SCAN
- FOR PRE - ECLAMPSIA SCREENING

MRI FELLOWSHIPS :

- NANAVATI HOSPITAL, MUMBAI
- HINDUJA HOSPITAL, MUMBAI

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RS. RADHA

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 anomalies of the fetus to anybody in any manner.)

(DR. ANKITA VIJAYVARGIYA)

Obstetrics Report

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WE CARE DIAGNOSTICS & IMA

Patient / Exam Information

Date of Exam: 19.03.2024

Patient ID VS8800264-24-03-19-6
Name RADHA, 37Y/F
DOB, Age Female
Sex

LMP 17.11.2023 DOC

EDD(LMP) 23.08.2024 GA(LMP) 17w4d

GA(AUA) 17w6d
EDD(AUA) 21.08.2024

EFW (Hadlock)	Value	Range	Age	Range	GP (Williams)
AC/BPD/FL/HC	208g	± 30g	17w5d		N/A

2D Measurements	AUA	Value	m1	m2	m3	Meth.	GP	GA
BPD (Hadlock)	✓	4.03 cm	4.03			avg.		78.5% 18w2d
OFD (HC)		5.40 cm	5.40			avg.		
HC (Hadlock)	✓	15.05 cm	15.05			avg.		69.2% 18w1d
AC (Hadlock)	✓	12.00 cm	12.00			last		52.7% 17w5d
FL (Hadlock)	✓	2.54 cm	2.54			last		49.6% 17w5d
HL (Jeanty)	✓	2.51 cm	2.51			avg.		69.7% 17w6d
Cereb (Hill)	✓	1.88 cm	1.88			avg.		89.0% 18w3d
CM		3.52 mm	3.52			avg.		
Va		7.19 mm	7.19			avg.		
BOD (Jeanty)	✓	2.57 cm	2.57			avg.		21.1% 16w6d
NF		3.06 mm	3.06			avg.		

Calculations

Range

CI (BPD/OFD)	75%	(70 - 86%)
FL/AC	21%	(20 - 24%)
FL/BPD	63%	(GA: OOR)
FL/HC (Hadlock)	0.17	(0.15 - 0.18)
HC/AC (Campbell)	1.25	(1.07 - 1.29)

Doppler Measurements	Value	m1	m2	m3	m4	m5	m6	Meth.
Left Uterine								
PS	-143.21 cm/s	-143.21						max
ED	-35.08 cm/s	-35.08						max
TAmx	-61.38 cm/s	-61.38						max
MD	-32.29 cm/s	-32.29						max
RI	0.76	0.76						avg.
PI	1.76	1.76						avg.
S/D	4.08	4.08						avg.
HR	89 bpm	89						max
Right Uterine								
PS	-120.22 cm/s	-120.22						max

155 Mrs. Kuddu Sharma 39 yrs

Wt - 55

Ht

D.O.B → 13 JAN-1985

RES-119.0

WT → 66.8 kg.

Height → 5, 4 Inches

Quadruple

Test