

अकिता विजयवर्गीय

DR. ANKITA VIJAYVARGIYA MBBS, DMRD

MRI FELLOWSHIPS :

- NANAVATI 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

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र. आई. फेलोशिप :

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हॉस्पिटल लिमिटेड, कानपुर

लाल नेहरू कैंसर हॉस्पिटल, भोपाल

PATIENT'S NAME : MRS. SARITA

AGE/SEX : 26 Y/F

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

DATE : 12.09.2023

OBSTETRIC USG (EARLY ANOMALY SCAN)

LMP: 13.06.2023

GA(LMP):13wk 0d

EDD : 19.03.2024

- Single live fetus seen in the intrauterine cavity in **variable** presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 155 beats /min.
- PLACENTA: is **grade I, posterior with lower edge covering the os .**
- LIQUOR: is **adequate** for the period of gestation.

Fetal morphology for gestation appears normal.

- Cranial ossification appears normal. Midline falx is seen. Choroid plexuses are seen filling the lateral ventricles. No posterior fossa mass seen. Spine is seen as two lines. Overlying skin appears intact.
- No intrathoracic mass seen. No TR .
- Stomach bubble is seen. Bilateral renal shadows is seen. Anterior abdominal wall appears intact.
- Urinary bladder is seen, appears normal. 3 vessel cord is seen.
- All four limbs with movement are seen. Nasal bone well seen & appears normal. Nuchal translucency measures 2.3 mm (WNL).
- Ductus venosus shows normal flow & spectrum with positive "a" wave (PI ~ 1.13)

FETAL GROWTH PARAMETERS

▪ CRL 76.5 mm ~ 13 wks 5 days of gestation.

- Estimated gestational age is **13 weeks 5 days (+/- 1 week)**. EDD by USG : 14.03.2024
- Internal os closed. Cervical length is WNL (36.9 mm).
- Baseline screening of both uterine arteries was done with mean PI ~ 1.11 (WNL for gestation).

Both ovaries are unremarkable with any cyst / mass at present.

PRESSION:

- ↓ Single, live, intrauterine fetus of 13 weeks 5 days +/- 1 week.
- ↓ Gross fetal morphology is within normal limits.
- ↓ Low lying placenta with lower edge covering the os .

Follow up at 19-22 weeks for target scan for detailed fetal anomaly screening.

Declaration : I have neither detected nor disclosed the sex of the fetus to pregnant woman or to anybody. (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.)

(DR. ANKITA VIJAYVARGIYA)

First Trimester Screening Report

Keer Sarita

Date of birth : 18 February 1997, Examination date: 12 September 2023

Address: hno. 477 heavals clifkatara
hills
Bhopal

Referring doctor: DR. (MS) POOJA SHRIVASTAVA

Maternal / Pregnancy Characteristics:

Previous chromosomally abnormal child or fetus: first trimester miscarriage, thrice.

Racial origin: South Asian (Indian, Pakistani, Bangladeshi).

Parity: 0.

Maternal weight: 63.0 kg; Height: 157.5 cm.

Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: dont know; Antiphospholipid syndrome: dont know; Patient's mother had preeclampsia: dont know.

Method of conception: Spontaneous;

Last period: 13 June 2023

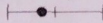
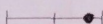
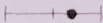
EDD by dates: 19 March 2024

First Trimester Ultrasound:

US machine: logiq f6. Visualisation: good.

Gestational age: 13 weeks + 0 days from dates

EDD by scan: 19 March 2024

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	155 bpm	
Crown-rump length (CRL)	76.5 mm	
Nuchal translucency (NT)	2.3 mm	
Ductus Venosus PI	1.130	
Placenta	posterior low	
Amniotic fluid	normal	
Cord	3 vessels	

Chromosomal markers:

Nasal bone: present; Tricuspid Doppler: normal.

Fetal anatomy:

Skull/brain: appears normal; Spine: appears normal; Heart: No TR.; Abdominal wall: appears normal; Stomach: visible; Bladder / Kidneys: visible; Hands: both visible; Feet: both visible.

Uterine artery PI:	1.66	equivalent to 1.110 MoM
Mean Arterial Pressure:	87.2 mmHg	equivalent to 1.030 MoM
Endocervical length:	36.9 mm	

Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 919	1: 18377
Trisomy 18	1: 2375	<1: 20000
Trisomy 13	1: 7413	<1: 20000

