

# अंकिता विजयवर्गीय

बी. एस., डी. एम. आर. डी  
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

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

PATIENT'S NAME : MRS. AYUSHI

AGE/SEX : 23Y/F

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

DATE : 19.05.2023

### OBSTETRIC USG ( EARLY ANOMALY SCAN )

LMP: 18.02.2023

GA(LMP):12wk 6d

EDD : 25.11.2023

- Single live fetus seen in the intrauterine cavity in variable presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 162 beats /min.
- PLACENTA: is grade I, high posterior & not low lying.
- 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.
- Both orbits & lens seen. PMT is 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 1.8 mm ( WNL ).
- Ductus venosus shows normal flow & spectrum with positive "a" wave ( PI ~ 0.88 )

#### FETAL GROWTH PARAMETERS

- |   |
|---|
| ▪ CRL 61.1 mm ~ 12 wks 4 days of gestation. |
|---|

- Estimated gestational age is 12 weeks 4 days (+/- 1 week). EDD by USG : 27.11.2023
- Internal os closed. Cervical length is WNL ( 32.4 mm ).
- Baseline screening of both uterine arteries was done with mean PI ~ 1.86 ( WNL for gestation ).

#### IMPRESSION:

- Single, live, intrauterine fetus of 12 weeks 4 days +/- 1 week.
- Gross fetal morphology is within normal limits.

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

Nigam Ayushi

Date of birth : 24 December 1999, Examination date: 19 May 2023

Address: hno. g- 150, amrh estate  
kolar road  
Bhopal  
INDIA

Referring doctor: DR. (MS) POOJA SHRIVASTAVA

### Maternal / Pregnancy Characteristics:

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

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

Parity: 0.

Maternal weight: 47.0 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: 18 February 2023

EDD by dates: 25 November 2023

### First Trimester Ultrasound:

US machine: logiq f6. Visualisation: good.

Gestational age: 12 weeks + 6 days from dates

EDD by scan: 25 November 2023

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	162 bpm	
Crown-rump length (CRL)	61.1 mm	
Nuchal translucency (NT)	1.8 mm	
Ductus Venosus PI	0.880	
Placenta	posterior high	
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; both orbits & lens seen. PMT is intact.

Uterine artery PI:	1.86	equivalent to 1.100 MoM
Mean Arterial Pressure:	70.6 mmHg	equivalent to 0.880 MoM
Endocervical length:	32.4 mm	

### Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 1021	<1: 20000
Trisomy 18	1: 2459	<1: 20000