

Diagnostic span ,

SPLB115

Mrs. Sonam Parte

Age - 25 | F

Test - Dual Marker.

Height - 165

Weight - 61 Kg .

Dob - 04/06/1998

# Dr. Ankita Vijayvargiya

बी. बी. एस., डी. एम. आर. डी

आर. आर. फैलोशिप :

नवी हॉस्पिटल, मुंबई

जा हॉस्पिटल, मुंबई

रेडियोलॉजिस्ट :

टेस हॉस्पिटल, नोएडा

टी. बी. हॉस्पिटल, दिल्ली

सी हॉस्पिटल लिमिटेड, कानपुर

हर लाल नेहरू कैंसर हॉस्पिटल, भोपाल

PATIENT'S NAME : MRS. SONAM

REF. BY : DR. AASHTHA RAGHUVANSHI

# DR. ANKITA VIJAYVARGIYA

MBBS, DMRD

FMF Certified from  
Fetal Medicine Foundation

Reg. No. MP-8932

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

AGE/SEX : 25Y/F

DATE : 16.01.2024

## OBSTETRIC USG (EARLY ANOMALY SCAN)

LMP: 17.10.2023

GA(LMP): 13wk 0d

EDD : 23.07.2024

- 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 & 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 2.0 mm ( WNL ).
- Ductus venosus shows normal flow & spectrum with positive "a" wave ( PI ~ 0.56 )

### FETAL GROWTH PARAMETERS

■ CRL 60.6 mm ~ 12 wks 4 days of gestation.

- Estimated gestational age is **12 weeks 4 days** (+/- 1 week). EDD by USG : 26.07.2024
- Internal os closed. Cervical length is WNL ( 33.8 mm ).
- **Baseline screening of both uterine arteries was done with mean PI ~ 3.80** ( High for gestation ) Suggests increased chances for PIH / Pre-eclampsia .

### PRESSION:

- 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

Parte Sonam

Date of birth : 04 June 1998, Examination date: 16 January 2024

Address: hno. 134, kanha kunj phase -  
2 kolar road  
Bhopal  
INDIA

Referring doctor: DR ASHTHA

## Maternal / Pregnancy Characteristics:

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

Parity: 0.

Maternal weight: 61.0 kg; Height: 152.4 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: no.

Method of conception: Spontaneous;

Last period: 17 October 2023

EDD by dates: 23 July 2024

## First Trimester Ultrasound:

US machine: logiq f6. Visualisation: good.

Gestational age: 13 weeks + 0 days from dates

EDD by scan: 23 July 2024

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	155 bpm	●—————
Crown-rump length (CRL)	60.0 mm	●—————
Nuchal translucency (NT)	2.0 mm	●—————
Ductus Venosus PI	0.560	●—————
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.

Uterine artery PI:	3.80	equivalent to 2.310 MoM
Mean Arterial Pressure:	78.9 mmHg	equivalent to 0.940 MoM
Endocervical length:	33.8 mm	

## Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 933	1: 18652
Trisomy 18	1: 2235	<1: 20000
Trisomy 13	1: 7024	<1: 20000
Preeclampsia before 34 weeks		1: 32

Page 1 of 2 printed on 16 January 2024 - Parte Sonam examined on 16 January 2024.