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DR. ANKITA VIJAYVARGIYA
MBBS, DMRD
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



FMF CERTIFIED FROM
FETAL MEDICINE FOUNDATION
• FOR NT/INB SCAN
• FOR PRE-ECLAMPSIA SCREENING
MRI FELLOWSHIPS:
• NANAVATI HOSPITAL, MUMBAI
• HINDUJA HOSPITAL, MUMBAI

PATIENT'S NAME : MRS. SONAM

AGE/SEX : 32 Y/F

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

DATE : 09.12.2024

OBSTETRIC USG (EARLY ANOMALY SCAN) WITH PRE-ECLAMPSIA SCREENING

LMP: 04.09.2024

GA (LMP) : 13wk 5d

EDD : 11.06.2025

- Single live fetus seen in the intrauterine cavity in **variable** presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 152 beats /min.
- PLACENTA: is **grade I**, **anterior** & **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 2.3 mm (WNL).
- Ductus venosus shows normal spectrum with positive "a" wave (PI ~ 1.11).

FETAL GROWTH PARAMETERS

- | | | | | | | |
|-----|------|----|---|----|-----|----------------------|
| CRL | 74.8 | mm | ~ | 13 | wks | 5 days of gestation. |
|-----|------|----|---|----|-----|----------------------|
- Estimated gestational age is **13 weeks 5 days** (+/- 1 week). EDD by USG : 11.06.2025
 - Internal os closed. Cervical length is WNL (36.6 mm).
 - Baseline screening of both uterine arteries was done & reveals mean PI of ~ 1.40 (WNL for gestation)
 - Date of Last Delivery **21.09.2020**
 - Gestation at delivery of last pregnancy **40 weeks 2 days** .

PRESSION:

- Single, live, intrauterine fetus of **13 weeks 5 days** +/- 1 week.
- Gross fetal morphology is within normal limits.

Follow up at 19-20 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

Prajapati Sonam
Date of birth : 07 July 1992, Examination date: 09 December 2024

Address: h.no. 12 swagat banglow kolar
road bhopal
Bhopal
INDIA

Referring doctor: DR. POOJA SHRIVASTAVA (MBBS, MS)

Maternal / Pregnancy Characteristics:

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

Parity: 2; Deliveries at or after 37 weeks: 2.

Maternal weight: 62.0 kg; Height: 152.4 cm.

Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: don't know; Antiphospholipid syndrome: don't know; Preeclampsia in previous pregnancy: no; Previous small baby: no; Patient's mother had preeclampsia: no.

Method of conception: Spontaneous;

Last period: 04 September 2024

EDD by dates: 11 June 2025

First Trimester Ultrasound:

US machine: philips affinity 50. Visualisation: good.

Gestational age: 13 weeks + 5 days from dates

EDD by scan: 11 June 2025

Findings	Alive fetus
Fetal heart activity	visualised
Fetal heart rate	152 bpm
Crown-rump length (CRL)	74.8 mm
Nuchal translucency (NT)	2.3 mm
Ductus Venosus PI	1.110
Placenta	anterior 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:	1.40	equivalent to 0.920 MoM
Mean Arterial Pressure:	82.6 mmHg	equivalent to 0.980 MoM
Endocervical length:	36.6 mm	

Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 468	1: 4385
Trisomy 18	1: 1201	1: 5742