

First Trimester Screening Report

Chourasiya Meena

Date of birth : 08 July 1991, Examination date: 11 May 2024

Address: hno. d-115, aamrh estste
kolar road
Bhopal
INDIA

Referring doctor: DR. (MS) POOJA SHRIVASTAVA

Maternal / Pregnancy Characteristics:

Racial origin: South Asian (Indian, Pakistani, Bangladeshi).
Parity: 1; Deliveries at or after 37 weeks: 1.
Maternal weight: 58.0 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; Preeclampsia in previous pregnancy: no; Previous small baby: no; Patient's mother had preeclampsia: no.
Method of conception: Spontaneous;
Last period: 12 February 2024

EDD by dates: 18 November 2024

First Trimester Ultrasound:

US machine: logiq f6. Visualisation: good.

Gestational age: 12 weeks + 5 days from dates

EDD by scan: 18 November 2024

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	156 bpm	—●—
Crown-rump length (CRL)	65.5 mm	—●—
Nuchal translucency (NT)	2.0 mm	
Ductus Venosus PI	1.050	—●—
Placenta	left postero lateral ,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; both orbits & lens seen . PMT is intact.

Uterine artery PI: 1.44 equivalent to 0.900 MoM

Mean Arterial Pressure: 66.2 mmHg equivalent to 0.800 MoM

Endocervical length: 34.8 mm

Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 425	1: 8353
Trisomy 18	1: 1046	1: 6224

अंकिता विजयवर्गीय

मि. बी. एस., डी. एम. आर. डी

गर आई. फैलोशिप :

दी हॉस्पिटल, मुंबई

हॉस्पिटल, मुंबई

डियोलाजिस्ट :

हॉस्पिटल, नोएडा

डी. बी. हॉस्पिटल, दिल्ली

हॉस्पिटल लिमिटेड, कानपुर

जालल 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. MEENA

AGE/SEX : 32Y/F

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

DATE : 11.05.2024

OBSTETRIC USG (EARLY ANOMALY SCAN)

LMP: 12.02.2024

GA(LMP):12wk 5d

EDD : 18.11.2024

- Single live fetus seen in the intrauterine cavity in variable presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 156 beats /min.
- PLACENTA: is grade I, left postero-lateral 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.
- 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 ~ 1.05)

FETAL GROWTH PARAMETERS

CRL	65.5	mm	~	12	wks	6 days of gestation.
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▪ Estimated gestational age is 12 weeks 6 days (+/- 1 week). EDD by USG : 17.11.2024

▪ Internal os closed. Cervical length is WNL (34.8 mm).

➢ Baseline screening of both uterine arteries was done with mean PI ~ 1.44 (WNL for gestation).

➢ Date of last delivery 07.03.2021 .

➢ Gestation at delivery of last pregnancy 40 weeks 4 days.

PRESSION:

↓ Single, live, intrauterine fetus of 12 weeks 6 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)

11 MAY 2024

Adm

dark hair
green
green

PM

CRV

new
report

ft

frontal Mykoneum 75 mm 25

o TAD Whjen 100

o TAD Ament 100

22 hours 4 amper 1500

out

o TAD Nanson 0.0 100

in

10 }

BP- 110/65

Pulse- 88 bpm

SpO₂ - 99.1%

WT- 56.7 kg

80.

mr. moses 3241 E

Character.

Dark
marked

WT 56.2 kg

age

height 5.2 m

length 6.9 m

D.C.B - 081071991