

First Trimester Screening Report

Shrivastava Shalini

Date of birth : 12 February 1990, Examination date: 20 April 2024

Address: hno. 32, kanha kunj kolar
road
Bhopal
INDIA

Referring doctor: DR. (MS) POOJA SHRIVASTAVA

Maternal / Pregnancy Characteristics:

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

Parity: 0.

Maternal weight: 51.0 kg; Height: 154.9 cm.

Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: don't know; Antiphospholipid syndrome: don't know; Patient's mother had

preclampsia: no.

Method of conception: Spontaneous;

Last period: 22 January 2024

EDD by dates: 28 October 2024

First Trimester Ultrasound:

US machine: logiq f6, Visualisation: good.

Gestational age: 12 weeks + 5 days from dates

EDD by scan: 28 October 2024

Findings

Alive fetus
Fetal heart activity visualised
Fetal heart rate 153 bpm
Crown-rump length (CRL) 68.7 mm
Nuchal translucency (NT) 2.2 mm
Ductus Venosus PI 0.920
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.

Uterine artery PI: 1.39

equivalent to 0.870 MoM

Mean Arterial Pressure: 71.8 mmHg

equivalent to 0.880 MoM

Endocervical length: 30.4 mm

Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF ID: 204664

Condition

Trisomy 21

Trisomy 18

Trisomy 13

Preclampsia before 34 weeks

Background risk

1: 331

1: 827

1: 2588

Adjusted risk

1: 4079

1: 4424

<1: 20000

1: 3463

1: 139,

The background risk for aneuploidies is based on maternal age (34 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk and ultrasound factors (fetal nuchal translucency thickness, nasal bone, tricuspid Doppler, fetal heart rate).

The estimated risk is calculated by the FMF-2012 software (version 2.81) and is based on findings from extensive research coordinated by the Fetal Medicine Foundation (UK Registered charity 037116). The risk is only valid if the ultrasound scan was performed by a sonographer who has been accredited by the Fetal Medicine Foundation and has submitted results for regular audit (see www.fetalmedicine.com).



