



First Trimester Screening Report

Protecting the Precious...

Mrs Ravalli

Date of birth : 05 October 1994, Examination date: 22 October 2022

Address: NALGONDA

Hospital no.: KFC6969

Mobile phone: 9177538537

Referring doctor: DEEPTHI

Maternal / Pregnancy Characteristics:

Racial origin: South Asian (Indian, Pakistani, Bangladeshi).
Parity: 1; Delivers at or after 37 weeks: 1.
Maternal weight: 57.0 kg; Height: 150.0 cm.
Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: no; Antiphospholipid syndrome: no; Preeclampsia in previous pregnancy: no;
Previous small baby: no; Patient's mother had preeclampsia: no.
Method of conception: Spontaneous;
Last period: 11 July 2022
EDD by dates: 17 April 2023

First Trimester Ultrasound:

US machine: E 6. Visualisation: good.
Gestational age: 12 weeks + 6 days from CRL EDD by scan: 30 April 2023

Findings

Fetal heart activity

Alive fetus
visualised

Fetal heart rate

163 bpm

Crown-rump length (CRL)

65.0 mm

Nuchal translucency (NT)

1.7 mm

Biparietal diameter (BPD)

24.0 mm

Ductus Venosus PI

0.900

Placenta

posterior low

Amniotic fluid

normal

Chromosomal markers:

Nasal bone: present; Tricuspid Doppler: normal.

Fetal anatomy:

Skull/brain: appears normal; Spine: appears normal; Heart: Appears normal; Abdominal wall: appears normal; Stomach: visible; Bladder / Kidneys: visible; Hands: both visible; Feet: both visible.

Uterine artery PI:

1.60

equivalent to 0.990 MoM

Endocervical length:

31.0 mm

Risks / Counselling:

Patient counselled and consent given.

Operator: Lekkala Kalpana, FMF Id: 173593

Condition

Trisomy 21

1: 802

Adjusted risk

1: 10046

Trisomy 18

1: 1969

Adjusted risk

<1: 20000

Trisomy 13

1: 6173

Adjusted risk

1: 1052

Preeclampsia before 34 weeks

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Fetal growth restriction before 37 weeks

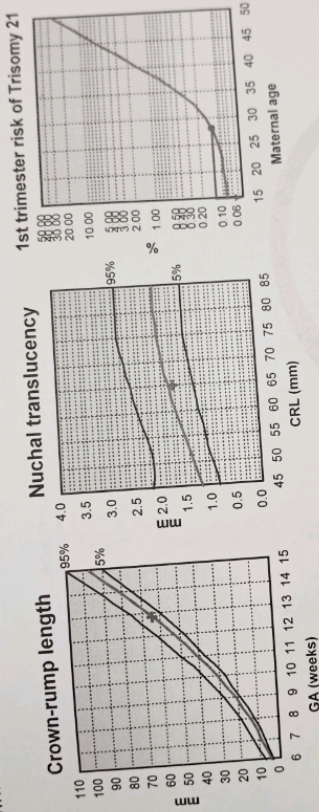
Fetal growth restriction is based on maternal age (28 years). The adjusted risk is the background risk for aneuploidies is calculated on the basis of the background risk and ultrasound factors risk at the time of screening, including fetal growth restriction, nasal bone, fetal heart rate).

(fetal nuchal translucency thickness, weight, height, method of conception and parity).

Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history and uterine artery Doppler.

All biophysical markers are corrected as necessary according to several maternal characteristics including racial origin, weight, height, smoking, method of conception and parity.

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 1037116). 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).



Comments

Single live intra uterine fetus corresponding to 12 weeks 6 days.

Down syndrome screen negative based on NT scan.

Suggested DOUBLE MARKER.

Suggested TIFFA SCAN at 19 to 20 weeks. (Dec 4th to 8th)

I, Dr. L. Kalpana Reddy, declared that while conducting ultrasonography / imaging scanning on Mrs. RAVALI, I have neither detected nor disclosed the sex of fetus to any body in any manner.

DR. L. KALPANA REDDY
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