

MRS MUSKAN MEHBUB MAKANDAR

Date of birth : 21 July 2003, Examination date: 08 June 2024

Maternal / Pregnancy Characteristics:

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

Parity: 0.

Maternal weight: 45.0 kg; Height: 154.0 cm.

Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: no; Antiphospholipid syndrome: no; Patient's mother had preeclampsia: no.

Method of conception: Spontaneous;

Last period: 08 March 2024

EDD by dates: 13 December 2024

First Trimester Ultrasound:

Visualisation: good.

Gestational age:

13 weeks + 3 days from CRL

EDD by scan: 11 December 2024

Findings	Alive fetus
Fetal heart activity	visualised
Fetal heart rate	149 bpm
Crown-rump length (CRL)	74.0 mm
Nuchal translucency (NT)	1.6 mm
Biparietal diameter (BPD)	23.0 mm
Ductus Venosus PI	1.030
Placenta	Anterior wall; not low lying.
Amniotic fluid	normal
Cord	3 vessels

Chromosomal markers:

Nasal bone: present; Tricuspid Doppler: normal.

Fetal anatomy:

Skull/brain: appears normal; Spine: visible; Abdominal wall: appears normal; Stomach: visible; Bladder / Kidneys: Urinary bladder & kidneys visible.; Hands: both visible; Feet: both visible.

Uterine artery PI:	0.87	equivalent to 0.550 MoM
Endocervical length:	29.0 mm	

Risks / Counselling:

Patient counselled and consent given.

Operator: kshama Digavadekar, FMF Id: 152511

Condition	Background risk	Adjusted risk
Trisomy 21	1: 1110	1: 4702
Trisomy 18	1: 2839	1: 8602
Trisomy 13	1: 8869	<1: 20000
Preeclampsia before 34 weeks		1: 2204
Fetal growth restriction before 37 weeks		1: 160

First Trimester Screening Report

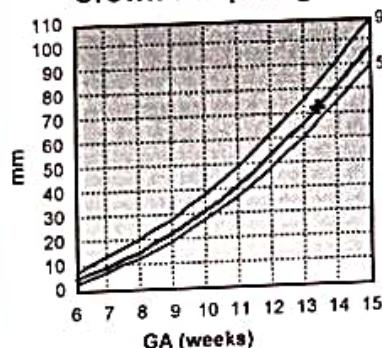
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The background risk for aneuploidies is based on maternal age (20 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk and ultrasound factors (fetal nuchal translucency thickness, fetal heart rate).

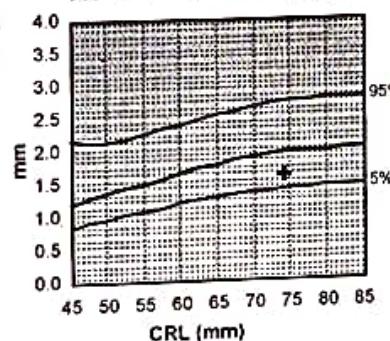
Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history and uterine artery Doppler. All biophysical markers are corrected as necessary according to several maternal characteristics including racial origin, weight, height, smoking, 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).

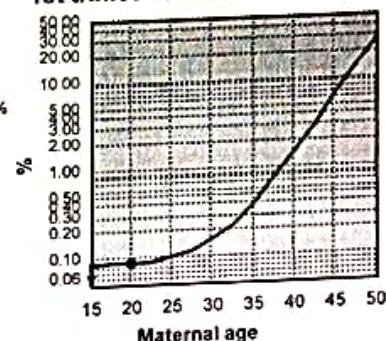
Crown-rump length



Nuchal translucency



1st trimester risk of Trisomy 21



Comments

SINGLE LIVE INTRA UTERINE PREGNANCY OF 13 WEEKS 3 DAYS.

ADVICE : FOLLOW UP TARGETED ANOMALY SCAN AFTER 6 WEEKS

(23/07/2024).



DR. PRAVALLIKA DASARI
MD RAD