



# First Trimester Screening Report

Meena Smita

Date of birth : 20 August 1994, Examination date: 08 July 2025

Address: hno. 31, nayapura 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: 64.0 kg; Height: 167.0 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;

EDD by dates: 16 January 2026

Last period: 11 April 2025

## First Trimester Ultrasound:

US machine: logiq f6. Visualisation: good.

EDD by scan: 16 January 2026

Gestational age: 12 weeks + 4 days from dates

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	163 bpm	—●—
Crown-rump length (CRL)	64.1 mm	—●—
Nuchal translucency (NT)	1.8 mm	
Ductus Venosus PI	0.900	—●—
Placenta	anterior 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 . No intrathoracic mass seen. 4 chamber heart seen . No TR.

Uterine artery PI:	1.69	equivalent to 1.060 MoM
Mean Arterial Pressure:	75.2 mmHg	equivalent to 0.890 MoM
Endocervical length:	33.1 mm	

## Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 581	1: 11612
Trisomy 18	1: 1419	<1: 20000
Trisomy 13	1: 4453	<1: 20000
Preeclampsia before 34 weeks		1: 9975

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Fetal growth restriction before 37 weeks

1: 466

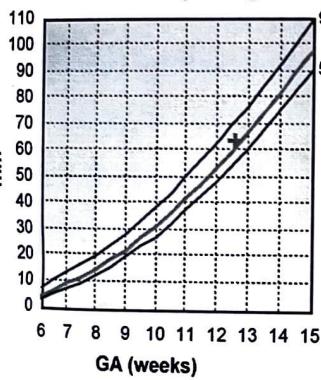
The background risk for aneuploidies is based on maternal age (30 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk and ultrasound factors (fetal nuchal translucency thickness, nasal bone, tricuspid Doppler, ductus venosus Doppler, fetal heart rate).

Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history, uterine artery Doppler and mean arterial pressure (MAP).

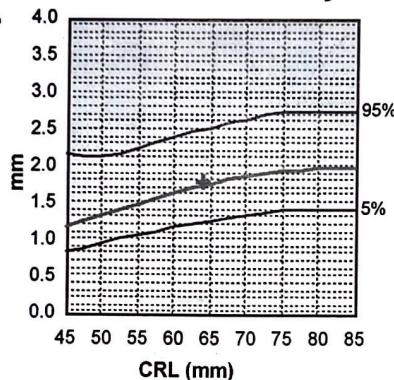
All biophysical markers are corrected as necessary according to several maternal characteristics including racial origin, weight, height, smoking, method of conception and parity.

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](http://www.fetalmedicine.com)).

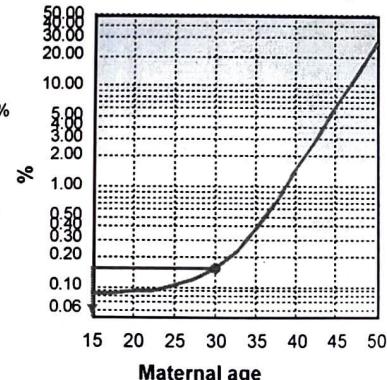
Crown-rump length



Nuchal translucency



1st trimester risk of Trisomy 21





0.8 JUL 2000

Down wave

Turbulence

Hgt 1500  
Down wave  
Run up down

Envir. 2000 m BP 1011509

Pulse 82b/s

201 64.7

Run up  
Run down

Spd 2 - 98.1.

DATE \_\_\_\_\_

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75) Mrs - Smitha Meena 30/11/1994  
Dark blue mottled  
peafowl

DOB - 20 August 1994

WT - 64.7 kg

HT - 5.3 inches