

First Trimester Screening Report

Fetal growth restriction before 37 weeks

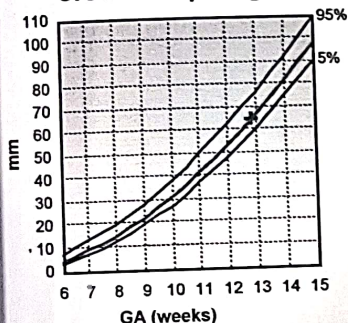
1: 94

The background risk for aneuploidies is based on maternal age (24 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).

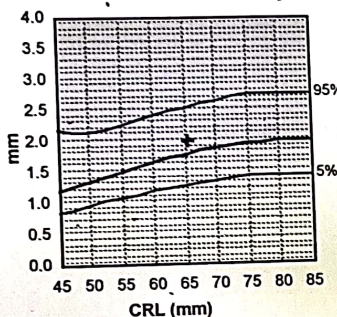
Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history, uterine artery Doppler and mean arterial pressure (MAP). The adjusted risk for PE < 34 weeks or the adjusted risk for FGR < 37 weeks is in the top 10% of the population. The patient may benefit from the prophylactic use of aspirin. 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).

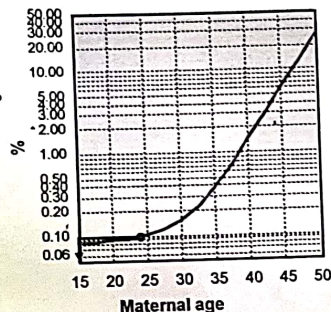
Crown-rump length



Nuchal translucency



1st trimester risk of Trisomy 21



Dr. Pooja Shrivastava

MBBS
MS (Obstetrics & Gynaecology)
Reg No. MP-4298



- Ex. Resident Gynaecologist MY Hospital Indore.
- Trained in Obstetric Ultrasonography, Wadia Hospital Mumbai.
- Ex. Consultant Gynaecologist and Sonologist Urban RCH programme J P Hospital, Bhopal.

Obstetrician & Gynaecologist

Trained in : Gynaecological Endoscopy Laparoscopy & Hysteroscopy. Obstetric & Gynaecological Ultrasonography Laparoscopic Sterilization & Family Planning

Consultation fee valid for 3 visits/15 days whichever is earlier in routine
opd hours only (Monday to Saturday)



Name : MRS. JYOTI MEENA

Age/Sex : 24 Years / Female

LH-A-011672

Address : Kolar Road Bhopal

Mobile No.: 8878971990

Date : 18-Mar-2025

R
○ 1st Naumoon 11H
○ 2nd Naumoon 100
○ 3rd Naumoon 100
○ 4th Naumoon 100
○ 5th Naumoon 100
○ 6th Naumoon 100
○ 7th Naumoon 100
○ 8th Naumoon 100
○ 9th Naumoon 100
○ 10th Naumoon 100
○ 11th Naumoon 100
○ 12th Naumoon 100
○ 13th Naumoon 100
○ 14th Naumoon 100
○ 15th Naumoon 100
○ 16th Naumoon 100
○ 17th Naumoon 100
○ 18th Naumoon 100
○ 19th Naumoon 100
○ 20th Naumoon 100
○ 21st Naumoon 100
○ 22nd Naumoon 100
○ 23rd Naumoon 100
○ 24th Naumoon 100
○ 25th Naumoon 100
○ 26th Naumoon 100
○ 27th Naumoon 100
○ 28th Naumoon 100
○ 29th Naumoon 100
○ 30th Naumoon 100
○ 31st Naumoon 100
○ 32nd Naumoon 100
○ 33rd Naumoon 100
○ 34th Naumoon 100
○ 35th Naumoon 100
○ 36th Naumoon 100
○ 37th Naumoon 100
○ 38th Naumoon 100
○ 39th Naumoon 100
○ 40th Naumoon 100
○ 41st Naumoon 100
○ 42nd Naumoon 100
○ 43rd Naumoon 100
○ 44th Naumoon 100
○ 45th Naumoon 100
○ 46th Naumoon 100
○ 47th Naumoon 100
○ 48th Naumoon 100
○ 49th Naumoon 100
○ 50th Naumoon 100
○ 51st Naumoon 100
○ 52nd Naumoon 100
○ 53rd Naumoon 100
○ 54th Naumoon 100
○ 55th Naumoon 100
○ 56th Naumoon 100
○ 57th Naumoon 100
○ 58th Naumoon 100
○ 59th Naumoon 100
○ 60th Naumoon 100
○ 61st Naumoon 100
○ 62nd Naumoon 100
○ 63rd Naumoon 100
○ 64th Naumoon 100
○ 65th Naumoon 100
○ 66th Naumoon 100
○ 67th Naumoon 100
○ 68th Naumoon 100
○ 69th Naumoon 100
○ 70th Naumoon 100
○ 71st Naumoon 100
○ 72nd Naumoon 100
○ 73rd Naumoon 100
○ 74th Naumoon 100
○ 75th Naumoon 100
○ 76th Naumoon 100
○ 77th Naumoon 100
○ 78th Naumoon 100
○ 79th Naumoon 100
○ 80th Naumoon 100
○ 81st Naumoon 100
○ 82nd Naumoon 100
○ 83rd Naumoon 100
○ 84th Naumoon 100
○ 85th Naumoon 100
○ 86th Naumoon 100
○ 87th Naumoon 100
○ 88th Naumoon 100
○ 89th Naumoon 100
○ 90th Naumoon 100
○ 91st Naumoon 100
○ 92nd Naumoon 100
○ 93rd Naumoon 100
○ 94th Naumoon 100
○ 95th Naumoon 100
○ 96th Naumoon 100
○ 97th Naumoon 100
○ 98th Naumoon 100
○ 99th Naumoon 100
○ 100th Naumoon 100

120/80
Pulse 102/min
SpO2 99%
wt 46.9 kg

1 month

1st
Double
marker
seen
(mfan 28/3/25)

Recur
Lupus
R

In Emergency Call : 9425005377

Email id : poojadr2003@gmail.com



Lotus Hospital

LOTUS HOSPITAL

M-351, Rajharsh Colony, Nayapura, Kolar main road, Bhopal
Ph.: 0755-4093322, 8085441332

Signature



Scanned with OKEN Scanner

1:42:15 AM

18.03.2025
11:49:50 AM
R1C5 9A RS
2Hz 5.0cm
105/1.3
1.1m Routine CR
YPI 12.50 - 4.00
AO 8RL
Sp 12
C6-M15
P4-E3
SRI H 4

अंकिता विजयवर्गीय

डॉ. एस. डी. एम. आर. डी
ए.आई. फेलोशिप :
हॉस्पिटल, मुंबई
हॉस्पिटल, मुंबई
हॉस्पिटल, मुंबई
हॉस्पिटल, नोएडा
हॉस्पिटल, दिल्ली
हॉस्पिटल लिमिटेड, कानपुर
लाल नेहरू कैंसर हॉस्पिटल, भोपाल

DR. ANKITA VIJAYVARGIYA MBBS, DMRD

MRI FELLOWSHIPS :

- NANAVATI HOSPITAL, MUMBAI
- HINDUJA HOSPITAL, MUMBAI

FORMER RADIOLOGIST AT;

- FORTIS HOSPITAL, NOIDA
- G.T.B HOSPITAL, DELHI
- REGENCY HOSPITAL LTD, KANPUR
- JAWAHAR LAL NEHRU CANCER HOSPITAL, BHOPAL

FMF Certified from

Fetal Medicine Foundation

Reg. No. MP-8932

PATIENT'S NAME : MRS. JYOTI

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

AGE/SEX : 24Y/F

DATE : 18.03.2025

OBSTETRIC USG (EARLY ANOMALY SCAN)

LMP: 18.12.2024

GA(LMP):12wk 6d

EDD : 24.09.2025

- Single live fetus seen in the intrauterine cavity in variable presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 167 beats /min.
- PLACENTA: is grade I, posterior & not low lying.
- 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.
- 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 ~ 0.95)

FETAL GROWTH PARAMETERS

| | | | | | | | |
|-----|------|----|---|----|-----|---|--------------------|
| CRL | 65.5 | mm | ~ | 12 | wks | 6 | days of gestation. |
|-----|------|----|---|----|-----|---|--------------------|

- Estimated gestational age is 12 weeks 6 days (+/- 1 week). EDD by USG : 24.09.2025
- Internal os closed. Cervical length is WNL (34.9 mm).
- Baseline screening of both uterine arteries was done with mean PI ~ 2.15 (WNL for gestation).

IMPRESSION:

- Single, live, intrauterine fetus of 12 weeks 6 days +/- 1 week.
- Gross fetal morphology is within normal limits.

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)

Shop No. 22/23, Lower Ground Floor (Basement) C.I. Square Mall, Kolar Road, Bhopal
Mob.:9648844111, 7379330099



Scanned with OKEN Scanner

First Trimester Screening Report

Meena Jyoti

Date of birth : 01 January 2001, Examination date: 18 March 2025

Address: hno. 00, rajharsh colony kolar
road
Bhopal
INDIA

Referring doctor: DR. (MS) POOJA SHRIVASTAVA

Maternal / Pregnancy Characteristics:

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

Parity: 0.

Maternal weight: 46.5 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; Patient's mother had preeclampsia: no.

Method of conception: Spontaneous;

Last period: 18 December 2024

EDD by dates: 24 September 2025

First Trimester Ultrasound:

US machine: logiq f6. Visualisation: good.

Gestational age: 12 weeks + 6 days from dates

EDD by scan: 24 September 2025

| | |
|--------------------------|----------------|
| Findings | Alive fetus |
| Fetal heart activity | visualised |
| Fetal heart rate | 167 bpm |
| Crown-rump length (CRL) | 65.5 mm |
| Nuchal translucency (NT) | 2.0 mm |
| Ductus Venosus PI | 0.950 |
| Placenta | posterior 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: | 2.15 | equivalent to 1.300 MoM |
| Mean Arterial Pressure: | 71.1 mmHg | equivalent to 0.890 MoM |
| Endocervical length: | 34.9 mm | |

Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664.

| Condition | Background risk | Adjusted risk |
|------------------------------|-----------------|---------------|
| Trisomy 21 | 1: 1005 | <1: 20000 |
| Trisomy 18 | 1: 2473 | <1: 20000 |
| Trisomy 13 | 1: 7754 | <1: 20000 |
| Preeclampsia before 34 weeks | | 1: 1458 |

Page 1 of 2 printed on 18 March 2025 - Meena Jyoti examined on 18 March 2025.

