

20 JUN 2024

Double  
under son

Don

Beats  
input



Das Bygoneson



BP 128/68  
Pulse 92/wr  
Temp 98.2°F  
wt 86.5 lb

# First Trimester Screening Report

Trisomy 18

1: 1194

1: 7344

Trisomy 13

1: 3743

<1: 20000

Preeclampsia before 34 weeks

1: 1533

Fetal growth restriction before 37 weeks

1: 315

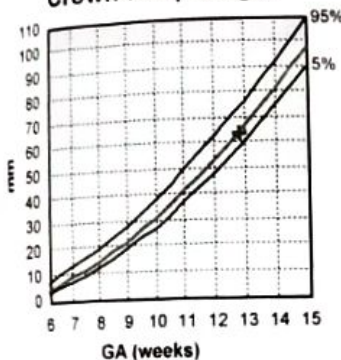
The background risk for aneuploidies is based on maternal age (32 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk and ultrasound factors (fetal nuchal translucency thickness, nasal bone, tricuspid Doppler, fetal heart rate).

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).

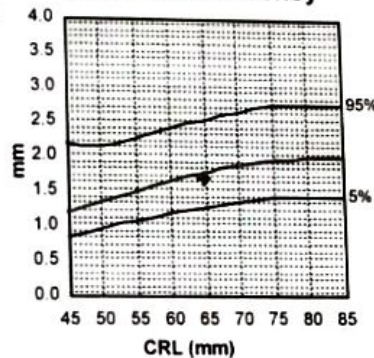
All biophysical markers are corrected as necessary according to several maternal characteristics including racial origin, weight, height, smoking, method of conception and parity.

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)).

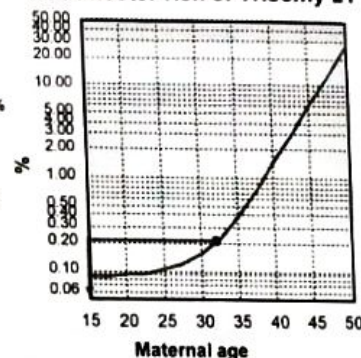
Crown-rump length



Nuchal translucency



1st trimester risk of Trisomy 21



# First Trimester Screening Report

Sharma Priyanka

Date of birth : 02 June 1992, Examination date: 20 June 2024

Address: hno. 143, earth dinesty colony  
kolar road  
Bhopal  
INDIA

Referring doctor: DR. (MS) POOJA SHRIVASTAVA

## Maternal / Pregnancy Characteristics:

Previous chromosomally abnormal child or fetus: second trimester & third trimester miscarriage

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

Parity: 1; Deliveries at or after 37 weeks: 1.

Maternal weight: 87.0 kg; Height: 160.0 cm.

Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: don't know; Antiphospholipid syndrome: don't know; Preeclampsia in previous pregnancy: no; Previous small baby: no; Patient's mother had preeclampsia: no.

Method of conception: Spontaneous;

Last period: 16 March 2024

EDD by dates: 21 December 2024

## First Trimester Ultrasound:

US machine: logiq f6. Visualisation: good.

Gestational age: 12 weeks + 6 days from CRL

EDD by scan: 27 December 2024

|                          |               |
|--------------------------|---------------|
| Findings                 | Alive fetus   |
| Fetal heart activity     | visualised    |
| Fetal heart rate         | 155 bpm       |
| Crown-rump length (CRL)  | 64.8 mm       |
| Nuchal translucency (NT) | 1.7 mm        |
| Ductus Venosus PI        | 1.200         |
| 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; Both orbits & lens seen..

|                         |           |                         |
|-------------------------|-----------|-------------------------|
| Uterine artery PI:      | 1.96      | equivalent to 1.280 MoM |
| Mean Arterial Pressure: | 80.7 mmHg | equivalent to 0.900 MoM |
| Endocervical length:    | 32.4 mm   |                         |

## Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

| Condition  | Background risk | Adjusted risk |
|------------|-----------------|---------------|
| Trisomy 21 | 1: 487          | 1: 9732       |



**अंकिता विजयवर्गीय**  
डी. एस. डी. एम. आर. डी  
आई. कैलॉगिप :  
हॉस्पिटल, मुंबई  
हॉस्पिटल, मुंबई  
हॉस्पिटल :  
हॉस्पिटल, नोएडा  
हॉस्पिटल, दिल्ली  
हॉस्पिटल लिमिटेड, कानपुर  
नरस नंहरु कैंसर हॉस्पिटल, भोपाल

**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

**MBBS, DMRD**

FMF Certified from  
Fetal Medicine Foundation  
Reg. No. MP-8932

PATIENT'S NAME : MRS. PRIYANKA  
F. BY : DR. POOJA SHRIVASTAVA ( MBBS, MS )

AGE/SEX : 32Y/F

DATE : 20.06.2024

**OBSTETRIC USG ( EARLY ANOMALY SCAN )**

LMP: 16.03.2024

GA(LMP):13wk 5d

EDD : 21.12.2024

- Single live fetus seen in the intrauterine cavity in **variable** presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 155 beats /min.
- PLACENTA: is **grade I, anterior & 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.
- Both orbits & lens seen. 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 1.7 mm ( WNL ).
- Ductus venosus shows normal flow & spectrum with positive "a" wave ( PI ~ 1.2 )

**FETAL GROWTH PARAMETERS**

■ CRL 64.8 mm ~ 12 wks 6 days of gestation.

- Estimated gestational age is **12 weeks 6 days (+/- 1 week)**. EDD by USG : 27.12.2024
- Internal os closed. Cervical length is WNL ( 32.4 mm ).
- Baseline screening of both uterine arteries was done with mean PI ~ 1.96 (WNL for gestation ).
- Date of last delivery 28.06.2018 .
- Gestation at delivery of last pregnancy 39 weeks 0 days.

**PRESSION:**

- 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 )

134.

ms. *Artemisia stans* 31115 *Desch.*

height → 5.3 m

wt → 86.5 kg

DOB → 02/06/1992

*Artemisia*

1008