

KESHARWANI SONAM

Date of birth : 23 March 1994, Examination date: 22 September 2023

Address: hno. T-1 Indus town meal  
bhopal  
Bhopal  
INDIA

Referring doctor: DR. (MS) POOJA SHRIVASTAVA

**Maternal / Pregnancy Characteristics:**

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

Parity: 0.

Maternal weight: 53.3 kg; Height: 146.0 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: dont know.

Method of conception: Spontaneous;

Last period: 01 July 2023


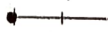
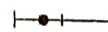
EDD by dates: 06 April 2024

**First Trimester Ultrasound:**

US machine: logiq f6. Visualisation: good.

Gestational age: 11 weeks + 6 days from dates

EDD by scan: 06 April 2024

|                          |              |   |
|--------------------------|--------------|---|
| Findings                 | Alive fetus  |   |
| Fetal heart activity     | visualised   |   |
| Fetal heart rate         | 163 bpm      |    |
| Crown-rump length (CRL)  | 45.8 mm      |  |
| Nuchal translucency (NT) | 1.2 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: bladder visible; Hands: both visible; Feet: both visible; both orbits &amp; lens seen . PMT is intact.

|                         |           |                         |
|-------------------------|-----------|-------------------------|
| Uterine artery PI:      | 1.44      | equivalent to 0.790 MoM |
| Mean Arterial Pressure: | 90.7 mmHg | equivalent to 1.110 MoM |
| Endocervical length:    | 35.1 mm   |                         |

**Risks / Counselling:**

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

| Condition  | Background risk | Adjusted risk |
|------------|-----------------|---------------|
| Trisomy 21 | 1: 655          | 1: 13092      |
| Trisomy 18 | 1: 1454         | <1: 20000     |
| Trisomy 13 | 1: 4597         | <1: 20000     |

# डॉ. अंकिता विजयवर्गीय

एम. बी. बी. एस., डी. एम. आर. डी

एम. आर. आई. फेलोशिप :

नानावटी हॉस्पिटल, मुंबई

हिंदुजा हॉस्पिटल, मुंबई

पूर्व रेडियोलॉजिस्ट :

फोर्टिस हॉस्पिटल, नोएडा

जी. टी. बी. हॉस्पिटल, दिल्ली

रीजेसी हॉस्पिटल लिमिटेड, कानपुर

जवाहर लाल नेहरू कैंसर हॉस्पिटल, भोपाल

PATIENT'S NAME : MRS. SONAM

# DR. ANKITA VIJAYVARGIYA

MBBS, DMRD

MRI FELLOWSHIP8 :

• NANA VATI 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

AGE/SEX : 30 Y/F

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

DATE : 22.09.2023

## OBSTETRIC USG ( EARLY ANOMALY SCAN )

LMP: 01.07.2023

GA(LMP): 11wk 6d

EDD : 06.04.2024

- Single live fetus seen in the intrauterine cavity in variable presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 163 beats /min.
- PLACENTA: is grade I, anterior with lower edge just reaching upto internal os . Streaky ( 2.4 mm thickness) fluid seen in fundal region & in lower segment in retroplacental region .
- 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. PMT is intact . No intrathoracic mass seen. No TR .
- Stomach bubble 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 1.2 mm ( WNL ).
- Ductus venosus shows normal flow & spectrum with positive "a" wave ( PI ~ 0.90 )

### FETAL GROWTH PARAMETERS

■ CRL 45.8 mm ~ 11 wks 3 days of gestation.

- Estimated gestational age is 11 weeks 3 days (+/- 1 week). EDD by USG : 09.04.2024
- Internal os closed. Cervical length is WNL ( 35.1 mm ).
- Baseline screening of both uterine arteries was done with mean PI ~ 1.44 ( WNL for gestation ).

### IMPRESSION:

- Single, live, intrauterine fetus of 11 weeks 3 days +/- 1 week.
- Gross fetal morphology is within normal limits.
- Low lying placenta with lower edge just reaching upto internal os with streaky retroplacental hemorrhage .

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 )



# First Trimester Screening Report

Preeclampsia before 34 weeks

1: 351

Fetal growth restriction before 37 weeks

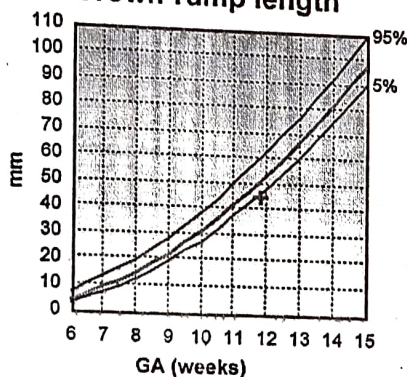
1: 125

The background risk for aneuploidies is based on maternal age (29 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).

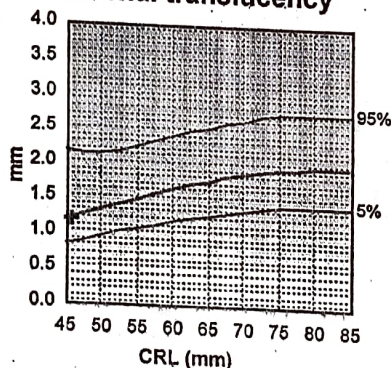
Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history, uterine artery Doppler and mean arterial pressure (MAP). The adjusted risk for PE < 34 weeks or the adjusted risk for FGR < 37 weeks is in the top 10% of the population. 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](http://www.fetalmedicine.com)).

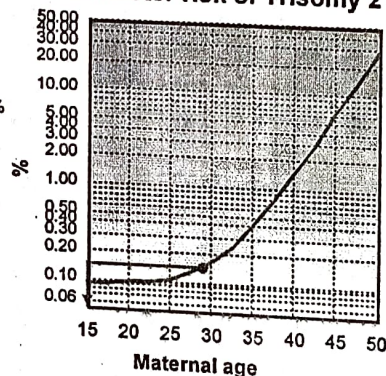
Crown-rump length



Nuchal translucency



1st trimester risk of Trisomy 21





Obstetrician & Gynaecologist



- 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

Date - / 20/9/23

[illegible]

BP - 108/80

Pulse - 95

SP<sub>02</sub> - 97%.

Temp - 97.6°f

wt - 53.3 kg

discharge  
23 SEP 2023

PAID

~~John~~  
Johnson

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Samudra  
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~~28/9/23~~

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3/10/23  
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By Susan 200 y in  
every 4 h day

PA1 Dye laser ~ 10 m J/s

• DZ (F) Nassengarten 20.7.2017

121 Turpin & 1 Feb 87

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Handwritten signature: Pooja Adarsh  
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**Emergency Call : 9425005377**



## Lotus Hospital

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# LOTUS HOSPITAL

M-351, Rajharsh Colony, Nayapura, Kolar main road, Bhopal  
Ph. 0755-1888888

Ph.: 0755-4093322, ~~66666666~~ 8085441332



02 OCT 2023

few  
Observed

~~double~~  
double  
under  
foot

Pulse - 101 bpm

SpO<sub>2</sub> - 99%

BP - 95/62 mmHg

Wt - 54.1 kg

Temp - 97.4°F

Sp. Shown 20 mg  
For throat  
surgery

0000 DAS Inhabits 10 mg

0000 DAS Natunajen 10 mg

0000 DAS Doxinate 10 mg

Sp. Kumpu 10 mg

Sp. Calwaid 10 mg

10 mg

can  
2/11/23  
m3u

2

Send  
from  
whatsapp