

# अंकिता विजयवर्गीय

बी. बी. एस., डी. एम. आर डी  
आर आई. फेलोशिप :  
कटी हॉस्पिटल, मुंबई  
मा हॉस्पिटल, मुंबई  
रेडियोलाजिस्ट :  
स हॉस्पिटल, नोएडा  
टी. बी. हॉस्पिटल, दिल्ली  
सी हॉस्पिटल लिमिटेड, कानपुर  
हर लाल नेहरू कैंसर हॉस्पिटल, भोपाल

**DR. ANKITA VIJAYVARGIYA**  
MBBS, DMRD

## MRI FELLOWSHIPS :

- NANAVATI HOSPITAL, MUMBAI
- HINDUJA HOSPITAL, MUMBAI

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

## FORMER RADIOLOGIST AT:

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

AGE/SEX : 31Y/F

DATE : 09.09.2025

PATIENT'S NAME : MRS. KIRAN

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

## OBSTETRIC USG (EARLY ANOMALY SCAN)

LMP: 09.06.2025

GA(LMP):13wk 1d

EDD : 16.03.2026

- Single live fetus seen in the intrauterine cavity in variable presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 157 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 2.3 mm ( WNL ).
- Ductus venosus shows normal flow & spectrum with positive "a" wave ( PI ~ 0.79 )

### FETAL GROWTH PARAMETERS

▪ CRL 76.3 mm ~ 13 wks 5 days of gestation.

- Estimated gestational age is 13 weeks 5 days (+/- 1 week). EDD by USG : 12.03.2026
- Internal os closed. Cervical length is WNL ( 34.0 mm ).
- Baseline screening of both uterine arteries was done with mean PI ~ 1.42 ( WNL for gestation ).
- Date of last delivery 24.08.2024 .
- Gestation at delivery of last pregnancy 38 weeks 4 days.

### IMPRESSION:

- Single, live, Intrauterine fetus of 13 weeks 5 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 )

# 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**

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

*[Handwritten signature]*

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



Name : MRS. KIRAN PARMAR

Age/Sex : 31 Years / Female

LH-A-009775

Address : Amravat Khurd

Mobile No.: 7697764173

Date : 9-Sep-2025

*MR, MS  
slant*

*BP 96/52*

*PRBC 92/100*

*SpO2 98%*

*AT 44.4%*

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Emergency Call : 9425005377

Email id : poojad2003@gmail.com

**LOTUS HOSPITAL**

M-351, Rajharsh Colony, Nayapura, Kolar main road, Bhopal

Ph.: 0755-4093322, 8085441332

Time:-

Afternoon - 1:00 pm to 3:00 pm

Evening - 6:00 pm to 8:00 pm



Lotus Hospital

Signature



# First Trimester Screening Report

1: 252

Fetal growth restriction before 37 weeks

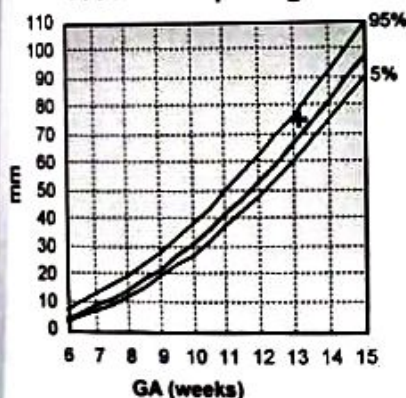
The background risk for aneuploidies is based on maternal age (31 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk and ultrasound factors (fetal nuchal translucency thickness, nasal bone, tricuspid Doppler, ductus venosus Doppler, fetal heart 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).

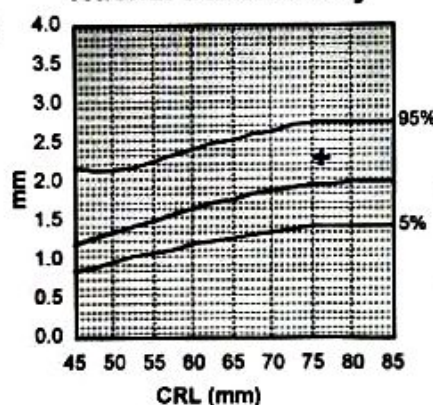
All biophysical markers are corrected as necessary according to several maternal characteristics including racial origin, weight, height, smoking, method of conception and parity.

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)).

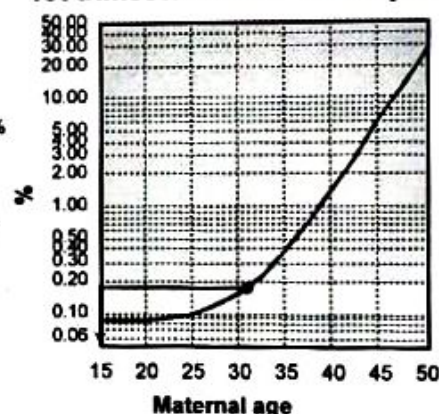
Crown-rump length



Nuchal translucency



1st trimester risk of Trisomy 21



**PARMAR KIRAN**

Date of birth : 09 June 1994, Examination date: 09 September 2025

Address: HNO. 05 AMRAVAT KHURD  
KATARA HILLS  
Bhopal

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: 44.0 kg; Height: 154.9 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;

Last period: 09 June 2025




EDD by dates: 16 March 2026

### First Trimester Ultrasound:

US machine: GE Voluson S8. Visualisation: good.

Gestational age: 13 weeks + 1 days from dates

EDD by scan: 16 March 2026

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	157 bpm	
Crown-rump length (CRL)	76.3 mm	
Nuchal translucency (NT)	2.3 mm	
Ductus Venosus PI	0.790	
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:	1.42	equivalent to 0.900 MoM
Mean Arterial Pressure:	73.1 mmHg	equivalent to 0.920 MoM
Endocervical length:	34.0 mm	

### Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 567	1: 11332
Trisomy 18	1: 1463	<1: 20000
Trisomy 13	1: 4568	<1: 20000
Preeclampsia before 34 weeks		1: 11143

Down's  
syndrome