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Mrs. Khyati Pandey

Age - 33 Y/F

Double Marker

DOB - 2/11/1992

UMP - 26/8/2025

Height - 5'1"

Weight - 71kg

MRS KHYATI PANDEY MRS KHYATI PANDEY  
 Date of birth : 02 November 1992, Examination date: 05 December 2025

Address: DURG  
 DURG  
 INDIAN

Referring doctor: DR MANASI GULATI

**Maternal / Pregnancy Characteristics:**

Racial origin: South Asian (Indian, Pakistani, Bangladeshi).  
 Maternal weight: 60.0 kg; Height: 155.0 cm.  
 Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: no; Antiphospholipid syndrome: no; Patient's mother had preeclampsia: no.  
 Method of conception: Spontaneous;  
 Last period: 26 August 2025

EDD by dates: 02 June 2026

**First Trimester Ultrasound:**

US machine: VOLUSON E6. Probe: C2-9. Visualisation: good.  
 Gestational age: 13 weeks + 2 days from CRL

EDD by scan: 10 June 2026

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	156 bpm	—●—
Crown-rump length (CRL)	72.0 mm	—●—
Nuchal translucency (NT)	1.4 mm	
Biparietal diameter (BPD)	20.5 mm	
Placenta	Posterior lower touching OS	
Amniotic fluid	normal	
Cord	3 vessels	

**Chromosomal markers:**

Nasal bone: present; Tricuspid Doppler: normal.

**Fetal anatomy:**

Skull/brain: appears normal; Spine: appears normal; Heart: appears normal; Abdominal wall: appears normal; Stomach: visible; Bladder / Kidneys: visible; Hands: both visible; Feet: both visible; NORMAL.

Uterine artery PI: 1.65

Endocervical length: 41.0 mm

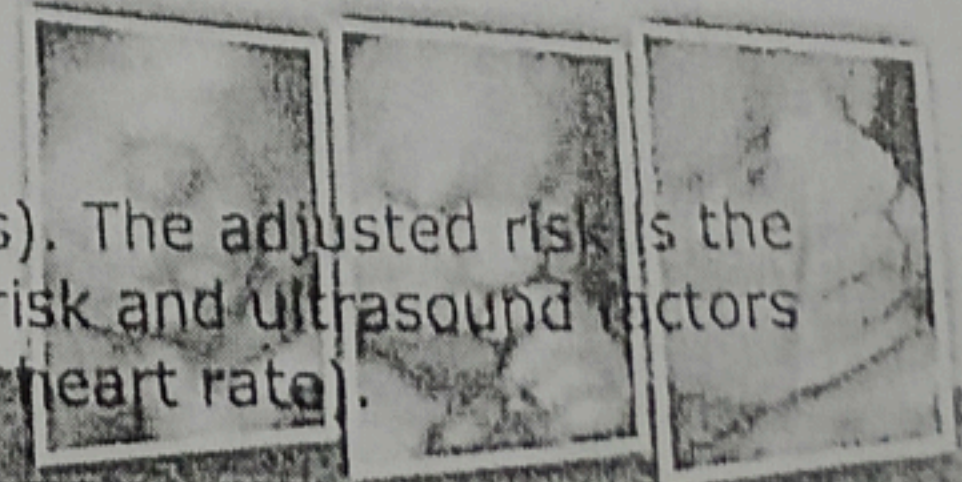
**Risks / Counselling:**

Patient counselled and consent given.

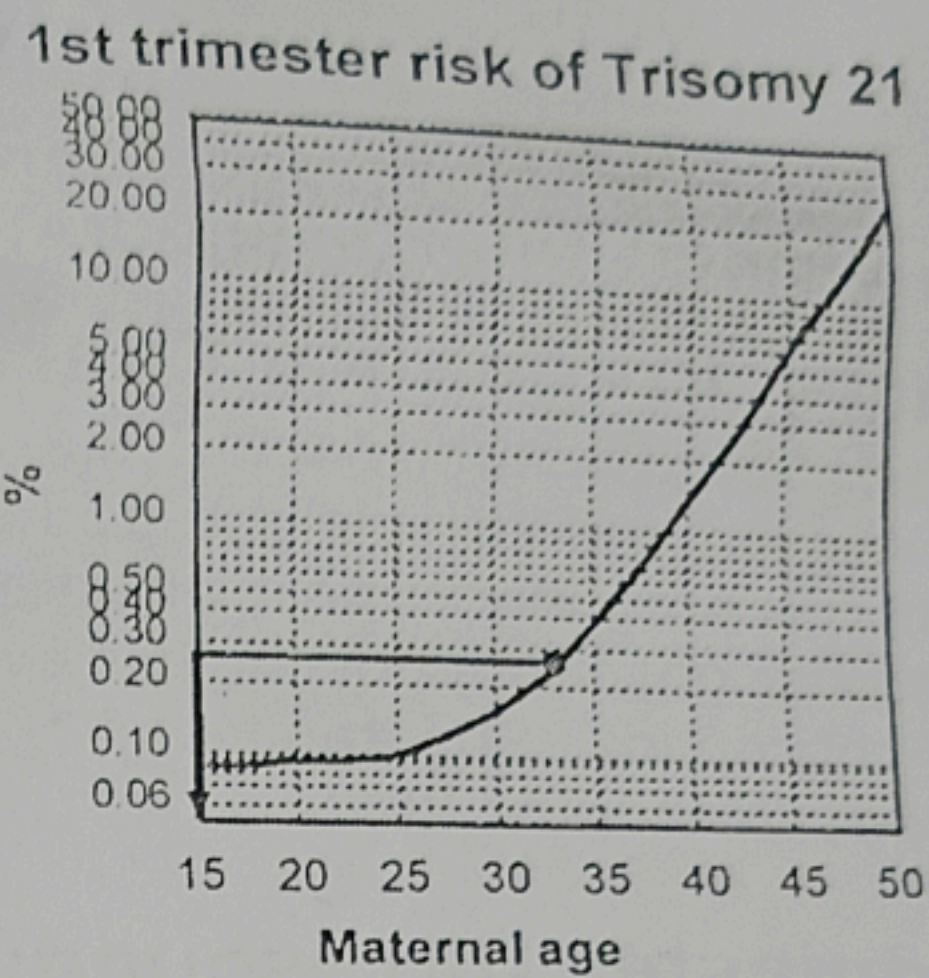
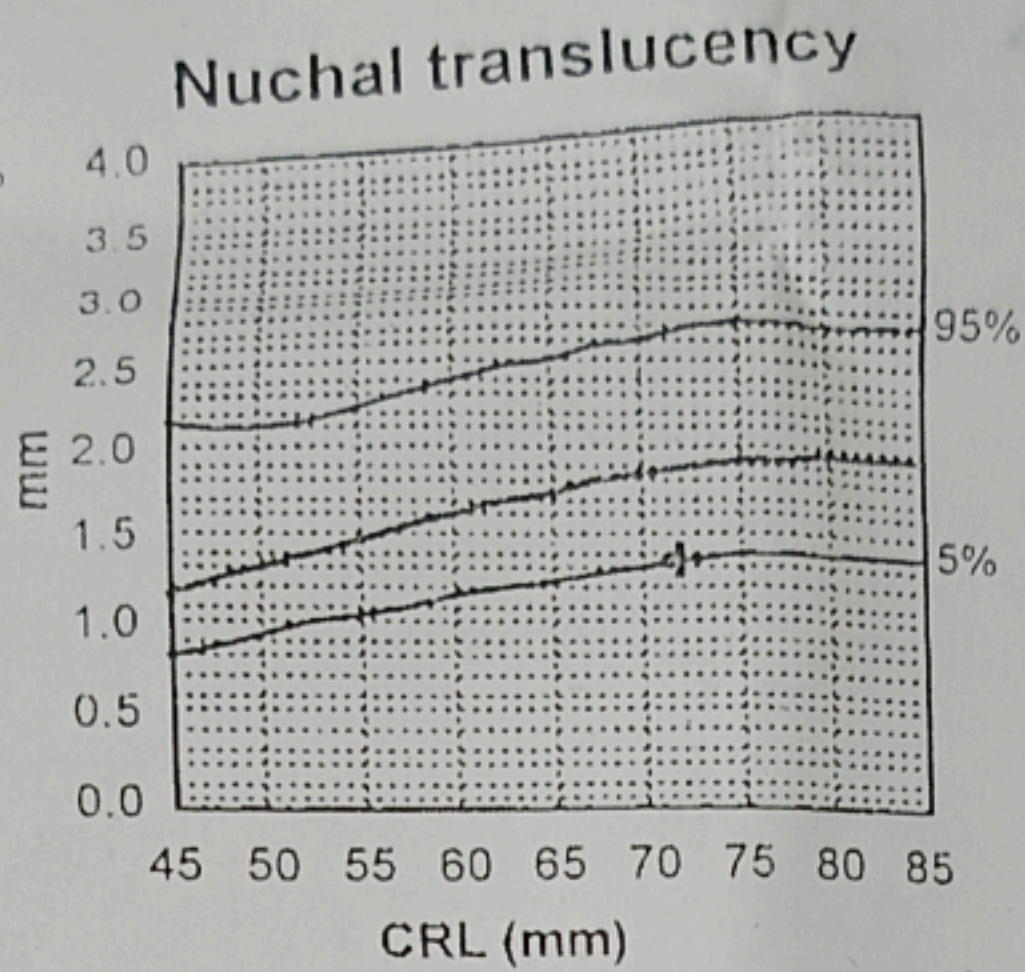
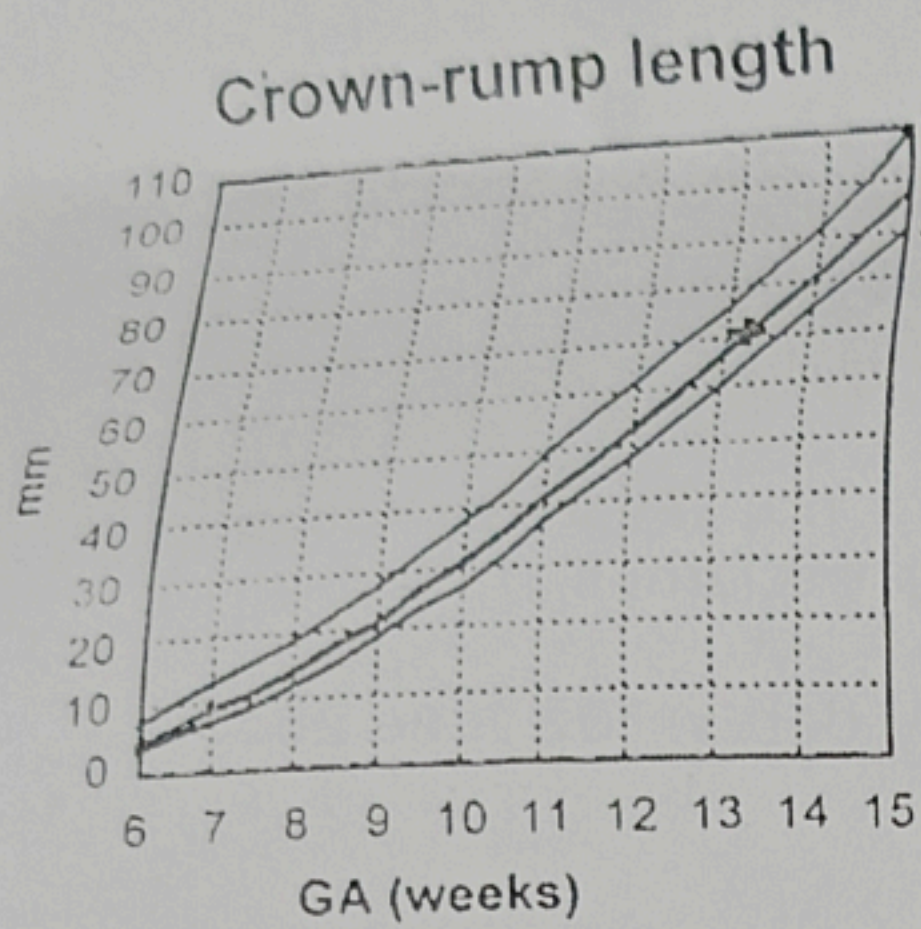
Operator: Dr Dilip Soni, FMF Id: 208995

Condition	Background risk	Adjusted risk
Trisomy 21	1: 413	1: 8095
Trisomy 18	1: 1047	1: 5672
Trisomy 13	1: 3273	<1: 20000

The background risk for aneuploidies is based on maternal age (33 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk and ultrasound factors (nuchal translucency thickness, nasal bone, tricuspid Doppler, fetal heart rate).



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).



### Comments

G. A. assigned as per CRL 13.2 weeks (CRL 65.0 mm)  
Estimated foetal weight is 76 +/- 11 gms.

### Discrepancy From LMP GA :

8 day

### Assigned EDD :

Same as LMP EDD is (02/06/2026).

### Aneuploidy Markers :

- Ductus venosus flow is normal. no 'a' wave reversal is seen
- Nasal bone present.
- Nuchal thickness is (1.4 mm) corresponding to 5 centile
- Tricuspid regurgitation absent.

Cervical length is 4.1 cm. No obvious funneling seen.

### Anatomy survey :

negative for any congenital defect (subjected to variation)

### Isolated ultrasound calculation :

low risk For trisomy 21,18,13 (FMF software calculation refer 1st page)

### PIH SCREENING : negative (uterine artery PI based).

**Advice:** PAPP-A & B.H.C.G & follow up at 18-20 weeks.

I Dr. Dilip Soni declared that while conducting ultrasound examination on this patient, I have neither detected sex of fetus nor disclose sex of her fetus to any body in any manner.

Dr. Dilip Soni (D.M.R.D.)  
Consultant Radiologist

