

15/11/24

① Mrs. Jyoti Sharma

Age - 29 yr f

Double Marker

DOB - 3/8/1995

CMP - 18/8/2024

Height - 5'5"

Weight - 54 kg

28/24/595



**MRS JYOTI SHARMA MRS JYOTI SHARMA**

Date of birth : 03 August 1995, Examination date: 15 November 2024

Address: BHILAI  
DURG  
INDIAN

Referring doctor: MANASI GULATI

**Maternal / Pregnancy Characteristics:**

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

Maternal weight: 57.0 kg; Height: 158.0 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;

EDD by dates: 25 May 2025

Last period: 18 August 2024

**First Trimester Ultrasound:**

US machine: VOLUSON E6. Probe: C2-9. Visualisation: good.  
Gestational age: 12 weeks + 1 days from CRL

EDD by scan: 29 May 2025

Findings	Alive fetus
Fetal heart activity	visualised
Fetal heart rate	171 bpm
Crown-rump length (CRL)	55.7 mm
Nuchal translucency (NT)	1.1 mm
Biparietal diameter (BPD)	16.0 mm
Placenta	POSTERIOR MID LOWER
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: 2.50  
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: 693	1: 13850
Trisomy 18	1: 1624	1: 9694
Trisomy-13	1: 5113	<1: 20000

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, fetal heart rate).



# VISION DIAGNOSTIC

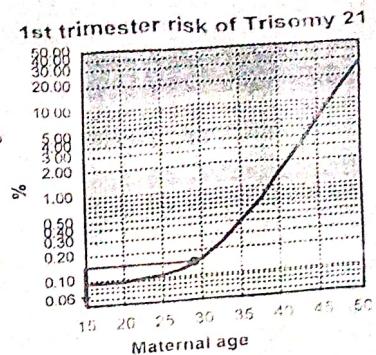
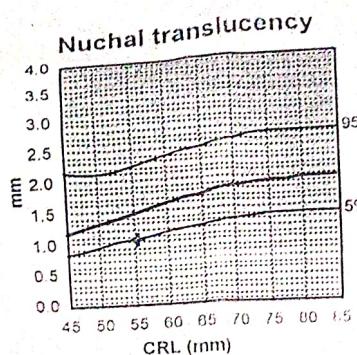
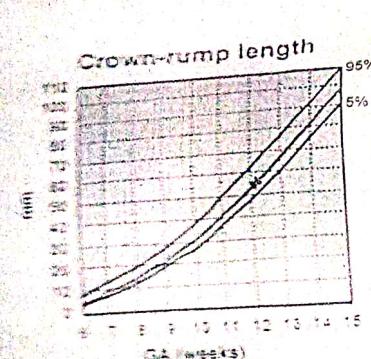
First Trimester Screening Report

3D/4D COLOR SONOGRAPHY DIGITAL X-RAY

Dr. Dilip Soni

MBBS, DMRD  
FMF & Scholar MD Certification in Fetal Imaging  
Consultant Radiologist

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 10017116). 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)).



## Comments

- GA assigned as per CRL 12.1 weeks (CRL 55.7mm)

- Discrepancy of 4 days between LMP & CRL GA, hence assigned EDD is same as LMP EDD is (25/05/2025).

## Aneuploidy Markers :

- Ductus venosus flow is normal, no 'a' wave reversal is seen
- Nasal bone present (2.2 mm) corresponding to 6.9 centile
- Nuchal thickness is (1.1 mm) corresponding to 5 centile
- Tricuspid regurgitation absent.

- Cervical length is 4.1 cm. No obvious funneling seen.

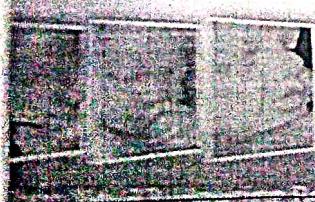
- Anatomical survey is negative for any congenital defect (subjected to variation)  
- Isolated ultrasound calculation is at low risk (refer 1st page) of trisomy 21,18,13 (FMF software calculation)

- Screen positive for PIH (high PI).

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

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.B.D.  
Consultant Radiologist



0733-401112

on 15 November 2024 - MRS JYOTTI SHARMA MRS JYOTTI SHARMA examined  
by (G.E.) on 15 November 2024.

<http://visiondiagnostic.in>