

5/11/24

① Mrs. Pooja Rajendra Dhoke
Age - 28y/f

Double Monkey

DOB — 15/5/1996

LMP — 5/8/2024

Height — 5'8"

Weight — 55.0 kg.



VISION DIAGNOSTIC

First Trimester Ultrasound
3D/4D COLOR SONOGRAPHY DIGITAL X-RAY

Dr. Dilip Soni

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

MRS POOJA DHOKE MRS POOJA DHOKE
Date of birth : 15 May 1996, Examination date: 04 November 2024

Address: DURG
DURG
INDIAN

Referring doctor: MANASI GULATI

Maternal / Pregnancy Characteristics:

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

Maternal weight: 56.0 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;

Last period: 05 August 2024

EDD by dates: 12 May 2025

First Trimester Ultrasound:

US machine: VOLUSON E6. Probe: C2-9. Visualisation: good.

Gestational age: 12 weeks + 5 days from CRL

EDD by scan: 14 May 2025

Findings	Alive fetus
Fetal heart activity	visualised
Fetal heart rate	160 bpm
Crown-rump length (CRL)	62.7 mm
Nuchal translucency (NT)	2.3 mm
Biparietal diameter (BPD)	20.8 mm
Placenta	Anterior mid lower, grade 0
Amniotic fluid	normal
Cord	single umbilical artery

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: 1.70
Endocervical length: 3.9 mm

Risks / Counselling:

Patient counselled and consent given.

Operator: Dr Dilip Soni, FMF Id: 208995

Condition	Background risk	Adjusted risk
Trisomy 21	1: 767	1: 2583
Trisomy 18	1: 1863	1: 7546
Trisomy 13	1: 5846	<1: 20000



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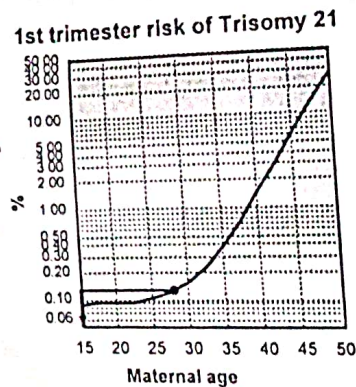
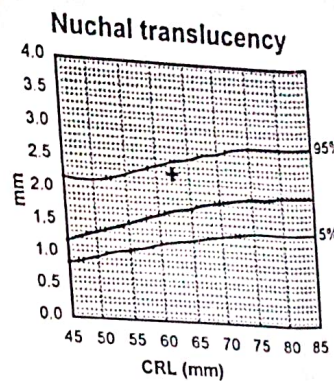
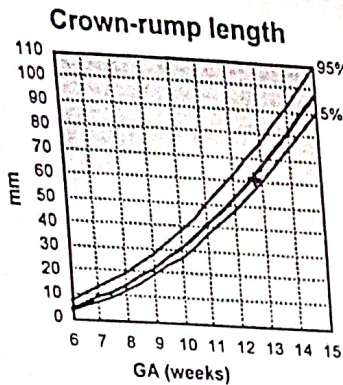
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VISION DIAGNOSTIC

First Trimester Screening - 3D/4D Color Sonography Digital X-Ray

The background risk for aneuploidies is based on maternal age (28 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).

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 12.5 weeks (CRL 62.7 mm)
- Estimated foetal weight is 67 +/-10 gms.

-Discrepancy of 2 days between LMP & CRL GA, hence assigned EDD is same as LMP EDD is (12/05/2025)

Aneuploidy Markers :

- Ductus venosus flow is normal. no 'a' wave reversal is seen
- Nasal bone present (2.4 mm) corresponding to 8.7 centile
- Nuchal thickness is (2.3 mm) corresponding to 90 centile
- Tricuspid regurgitation absent.

-Cervical length is 3.9 cm. No obvious funneling seen.

-Anatomy 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 negative for PIH.

-single umbilical artery seen.

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.

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Consultant Radiologist



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