

16/10/25

① Mrs. Nidhi Sahu
Age - 28 y/f

Double Marker

DOB - 10/11/1996

CMP - 19/4/2025

Height - 5'3"

Weight - 52.8 Kg



VISION DIAGNOSTIC

3D/4D COLOR SONOGRAPHY DIGITAL X-RAY

Dr. Dilip Soni

MRRS, DMRD
FMI & Scholar MD Certification in Fetal Imaging
Consultant Radiologist

MRS NIDHI SHAHARE MRS NIDHI SHAHARE
Date of birth : 10 November 1996, Examination date: 15 October 2025

Address: BASANTPUR
RAJNANDGAON
INDIAN

Referring doctor: DR MANASI GULATI

Maternal / Pregnancy Characteristics:

Racial origin: South Asian (Indian, Pakistani, Bangladeshi).
Maternal weight: 52.0 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: 19 July 2025

EDD by dates: 25 April 2026

First Trimester Ultrasound:

US machine: VOLUSON E6. Probe: C2-9. Visualisation: good.
Gestational age: 12 weeks + 4 days from CRL

EDD by scan: 25 April 2026

Findings	
Fetal heart activity	Alive fetus
Fetal heart rate	visualised
Crown-rump length (CRL)	164 bpm
Nuchal translucency (NT)	61.9 mm
Biparietal diameter (BPD)	1.6 mm
Placenta	17.5 mm
Amniotic fluid	Anterior mid lower, grade 0
Cord	normal
	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: 1.45
Endocervical length: 44.0 mm

Risks / Counselling:

Patient counselled and consent given.

Operator: Dr Dilip Soni, FMF Id: 208995

Condition	Background risk	Adjusted risk
Trisomy 21	1: 732	1: 14639
Trisomy 18	1: 1771	1: 11690
Trisomy 13	1: 5560	<1: 20000

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, tricuspid Doppler, fetal heart rate).

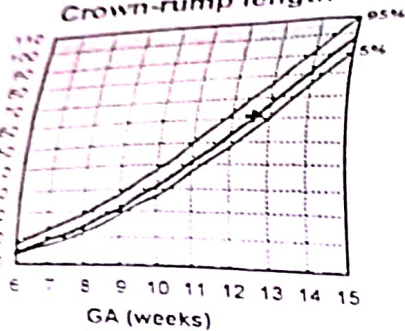


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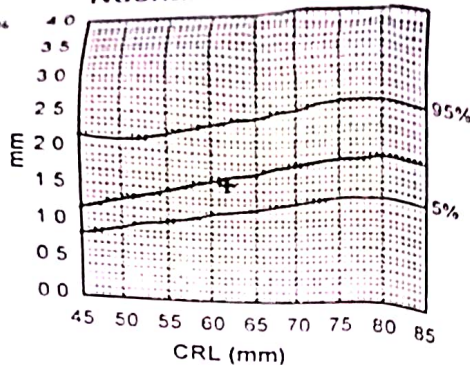
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The estimated risk is calculated by the FMF-2012 software (version 2.81) and is based on findings from extensive research coordinated by the Fetal Medicine Foundation (UK Registered charity 037116). The risk is only valid if the ultrasound scan was performed by a sonographer who has been accredited by the Fetal Medicine Foundation and has submitted results for regular audit (see www.fetalmedicine.com).

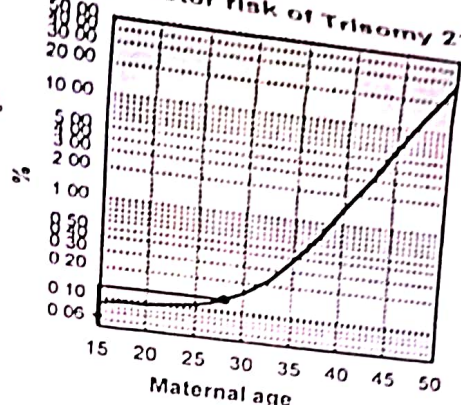
Crown-rump length



Nuchal translucency



1st trimester risk of Trisomy 21



Comments

A. assigned as per CRL 12.4 weeks (CRL 61.9 mm)
Estimated foetal weight is 59 +/- 9 gms.

Discrepancy From LMP GA :
Difference

Assigned EDD :

As per LMP EDD is (25/04/2026).

Euploidy Markers :

Uterine venous flow is normal. no 'a' wave reversal is seen
Basal bone present.
Nuchal thickness is (1.6 mm) corresponding to 45 centile
Aortic regurgitation absent.

Cervical length is 4.4 cm. No obvious funneling seen.

Genetic survey :

Negative for any congenital defect (subjected to variation)

Related ultrasound calculation :

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

SCREENING : negative (uterine artery PI based).

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 either 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

NB: 2022-2023
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http://visiondiagnostic.in