

First Trimester Screening Report

VAISHNAVI AKSHAY KASAR

Date of birth : 19 September 1997, Examination date: 14 May 2025

Address: VITTHALWADI. KANDALI,
PARATWADA
PARATWADA
INDIA

Mobile phone: 7745049677

Referring doctor: DR. AMOL CHINCHOLE SAI HOSPITAL
Address: ACHALPUR RAOD PARATWADA
PARATWADA

Maternal / Pregnancy Characteristics:

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

Parity: 0; Spontaneous deliveries between 16-30 weeks: 0.

Maternal weight: 46.0 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: 21 February 2025




EDD by dates: 28 November 2025

First Trimester Ultrasound:

US machine: GE VOLUSON E6. Probe: C2-9, C1-5 AND L9. Visualisation: good.

Gestational age: 12 weeks + 0 days from CRL

EDD by scan: 26 November 2025

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	166 bpm	
Crown-rump length (CRL)	54.0 mm	
Nuchal translucency (NT)	0.8 mm	
Biparietal diameter (BPD)	19.0 mm	
Ductus Venosus PI	1.200	
Placenta	left lateral	
Amniotic fluid	normal	
Cord	3 vessels	

Chromosomal markers:

Nasal bone: present; Tricuspid Doppler: normal.

Fetal anatomy:

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

Uterine artery PI: 1.96 equivalent to 1.110 MoM
Endocervical length: 40.0 mm

Risks / Counselling:

Patient counselled and consent given.

• Digital X-ray • Sonography • Colour Doppler • Wholebody Multislice CT scan • 2D echo

VAISHNAVI AKSHAY KASAR examined on 14 May 2025.
Dist: Amravati (MS). M. 9422997269, E-mail: careradiodiagnosis@gmail.com

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Operator: Dr. Ravi Bang, FMF Id: 211805

Condition	Background risk	Adjusted risk
Trisomy 21	1: 804	1: 16080
Trisomy 18	1: 1869	<1: 20000
Trisomy 13	1: 5888	<1: 20000
Preeclampsia before 34 weeks		1: 409
Fetal growth restriction before 37 weeks		1: 98
Spontaneous delivery before 34 weeks		1: 1243

The background risk for aneuploidies is based on maternal age (27 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, ductus venosus Doppler, fetal heart rate).

Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history and uterine artery Doppler. The adjusted risk for PE < 34 weeks or the adjusted risk for FGR < 37 weeks is in the top 10% of the population. The patient may benefit from the prophylactic use of aspirin.

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).

