

Dr. Ashish Bhawale

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Reg. No 1025/03/2003 **Consultant in FETAL MEDICINE**
& RADIOLOGIST Certified fellow SCHOLAR MD, INDIA.

Dr. Ashish Bhawale

M.B.B.S, D.M.R.D. (FMF203670)

(Govt. medical college, Nagpur)

Reg. No. 083558 **Consultant in FETAL MEDICINE**
& RADIOLOGIST Certified fellow SCHOLAR MD, INDIA.**Risk for preeclampsia (PRISHA KHIYANI)**

Report date 11-01-2025

Examination date 11-01-2025

Gestational age 12⁷ weeks

011F4942F34BE6

Maternal characteristics

Age in years 31

Height in cm 163

Weight in kg 54

Racial origin South Asian

Smoking during pregnancy No

Family history of preeclampsia No

Method of conception Spontaneous

Singleton or twins Singleton

Medical history

Chronic hypertension No

Diabetes type I No

Diabetes type II No

Systemic lupus erytheromatosus No

Anti-phospholipid syndrome No

Obstetric history

Parity Nulliparous

Biophysical measurements

Mean arterial pressure 99 mmHg (1.196 MoM)

Uterine artery PI 1.4 (0.823 MoM)

Measurement date 11-01-2025

Preeclampsia risk from history only

< 37 weeks: 1 in 159

Preeclampsia risk from history plus MAP, UTPi

< 37 weeks: 1 in 103 (HIGH RISK) CUT OFF IS 1 IN 150

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Patient name Mrs. PRISHA KHIYANI **Age/Sex** 30 Years / Female
Patient ID E79654-25-01-11-15 **Visit no** 1
Referred by Dr. ASHA RAMTANI **Visit date** 11/01/2025
LMP date 03/10/2024, LMP EDD: 10/07/2025[14W 2D] | C-EDD: 19/07/2025[13W]

OB - First Trimester Scan Report

Indication(s)

NT SCAN

Real time B-mode ultrasonography of gravid uterus done.

Route: Transabdominal

Single intrauterine gestation

Maternal

Cervix measured 4.97 cm in length.

INTERNAL OS CLOSED

| | | |
|---------------|-------|----------|
| Right Uterine | 1.39 | ↔●↔(34%) |
| Left Uterine | 1.44 | ↔●↔(38%) |
| Mean PI | 1.415 | ↔●↔(36%) |

Fetus

Survey

| | | |
|------------------|---|--|
| Placenta | : | Posterior |
| Liquor | : | Adequate |
| Fetal activity | : | Fetal activity present |
| Cardiac activity | : | Cardiac activity present Fetal heart rate - 150 bpm |

Biometry (mm)

| | | |
|-----|--------------|----------|
| CRL | 67.4, 13W | ↔●↔(50%) |
| BPD | 20.9, 13W 2D | ↔●↔(49%) |
| HC | 77, 13W 2D | ↔●↔(36%) |
| AC | 64.4, 13W 1D | ↔●↔(61%) |

Fetal doppler

Ductus Venosus PI 0.84 ↔●↔(47%)

IT - 1.6 mm

Mrs. PRISHA KHIYANI / E79654-25-01-11-15 / 11/01/2025 / Visit No 1

Aneuploidy Markers (mm)

Nasal Bone 2.07 •—(3%)

Seen

NT 1.2 •—(5%)

Normal

Ductus Normal flow

Venosus

Tricuspid No TR

Regurgitation

Fetal Anatomy

Intracranial structure appeared normal. Midline falx seen.

Both lateral ventricle appeared normal..

No identifiable lesion seen.

Neck appeared normal.

Foetal spine, appears normal

No evidence of cleft /palate seen

No evidence of significant open neural tube defect seen.

Foetal face seen in coronal and profile views.

Both orbits nose and mouth appeared normal.

Both lungs seen. No evidence of pleuropericardial effusion seen.

No evidence of SOL in thorax .

Normal cardiac situs .Four chambers ,three vessels view normal. Overall heart appeared normal . Cardiac situs normal.

Abdominal situs appeared normal.

Normal insertion of three vessel cord seen.

Stomach and bowel appeared normal .

All four limbs overall appeared normal.

No obvious congenital anomaly noted as per this scan .

Mrs. PRISHA KHIYANI / E79654-25-01-11-15 / 11/01/2025 / Visit No 1

Impression

INTRAUTERINE GESTATION CORRESPONDING TO A GESTATIONAL AGE OF 13 WEEKS
GESTATIONAL AGE ASSIGNED AS PER BIOMETRY (CRL)

MENSTRUAL AGE 14 WEEKS 2 DAYS

CORRECTED EDD 19-07-2025

LAG OF 9 DAYS NOTED HENCE

EDD 19-07-2025 is assigned as per CRL.

Preeclampsia risk from history only

< 37 weeks : 1 in 159

Preeclampsia risk calculated from MATERNAL CHARACTERISTIC plus MAP & MEAN UTART. PI
AS the risk is 1 in 103 which is HIGH RISK

Hence suggested tablet ASPRIN 150mg daily at night till 36 weeks

Highly recommended to incorporate this new PE risk with serum PAPP A to derive the final risk
for Preeclampsia/FGR.

First trimester screening for Downs

Maternal age risk 1 in 870

| Fetus | Risk estimate - NT | Risk estimate - NT + NB | Markers name |
|-------|--------------------|----------------------------|--------------|
|-------|--------------------|----------------------------|--------------|

| | | | |
|---|-----------|------------|--------------------|
| A | 1 in 5118 | 1 in 17059 | Nasal Bone Present |
|---|-----------|------------|--------------------|

Disclaimer

I DR. ASHISH BHAWATKAR NEITHER DETECT NOR DISCLOSED THE SEX OF THE FOETUS TO THE PATIENT
OR RELATIVE IN ANY MANNER.

Dr.ASHISH BHAWATKAR
DMRD,BCFRG,ACFRG.

NATIONAL FELLOW SCHOLAR MD.

FMF (U.K.) CERTIFIED,(FMF ID : 203670)

TRAINED AT FETAL MEDICINE & INFERTILITY CENTRE .CIMAR,COCHIN.

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