

**Dr. Mrs. Manisha Bhawatkar****M.B.B.S., D.M.R.E (FMF 203671)****(Mumbai)****Reg. No 1025/03/2003 Consultant in FETAL MEDICINE  
& RADIOLOGIST Certified fellow SCHOLAR MD, INDIA.****101, Karamsheet Heights, Infront of Maharishi Emporium, Dr. Ambedkar Marg, Indora Square, Nagpur (Ph 2644889)****Dr. Ashish Bhawatkar****M.B.B.S. D.M.R.D. (FMF 203670)****(Govt. medical college, Nagpur)****Reg. No. 083558 Consultant in FETAL MEDICINE  
RADIOLOGIST Certified fellow SCHOLAR MD, INDIA.****Patient name** Mrs. SANGEETA MANWTKAR**Patient ID** 18-07-2023-0014**Referred by** Dr. KAJAL NAWANI MBBS MD DNB**LMP date** 19/04/2023, LMP EDD: 24/01/2024[12W 6D]**Age/Sex** 37 Years / Female**Visit no** 1**Visit date** 18/07/2023**OB - First Trimester Scan Report****18/07/23****Indication(s)****NT SCAN****Real time B-mode ultrasonography of gravid uterus done.****Route: Transabdominal****Single intrauterine gestation****Maternal****Cervix measured 3.40 cm in length.****INTERNAL OS CLOSED**

Right Uterine	2.8	—●— (61%)
Left Uterine	1.8	—●— (89%)
Mean PI	2.3	

**Date of Birth****12-8-84****wt. 55.35 kg****Height. 4'9****Fetus****Survey****Placenta****: Posterior****Liquor****: Adequate****Umbilical cord****: Three vessel cord seen****Fetal activity****: Fetal activity present****Cardiac activity****: Cardiac activity present****Fetal heart rate - 148 bpm****Biometry (mm)**

CRL	56.8, 12W	—●— (14%)
BPD	20.1, 13W 1D	—●— (47%)
HC	72.9, 13W	—●— (30%)
AC	53.8, 12W 2D	—●— (43%)
FL	7.6, 12W 2D	—●— (25%)

**Fetal doppler**

**Aneuploidy Markers (mm)**

Nasal Bone 2.9  (41%)

Present

NT 1.29  (22%)

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 .

Both foetal kidneys and urinary bladder appeared normal.

All four limbs overall appeared normal.

No evidence of club foot noted .

No obvious congenital anomaly noted as per this scan .

# Risk for preeclampsia

Report date 18-07-2023  
Examination date 18-07-2023  
Gestational age  $12^{+1}$  weeks

## Maternal characteristics

Age in years 38.9  
Height in cm 137  
Weight in kg 56  
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 93 mmHg (1.101 MoM)  
Uterine artery PI 2.4 (1.387 MoM)  
Measurement date 18-07-2023

## Preeclampsia risk from history only

< 37 weeks: 1 in 36

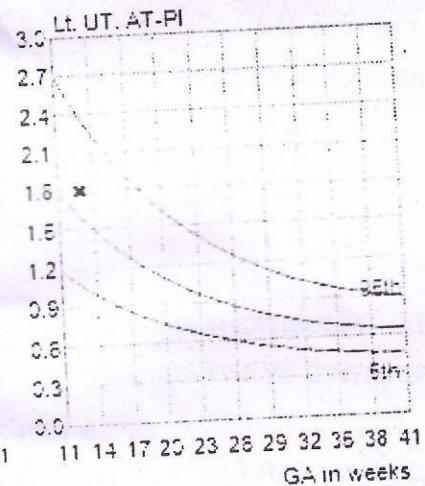
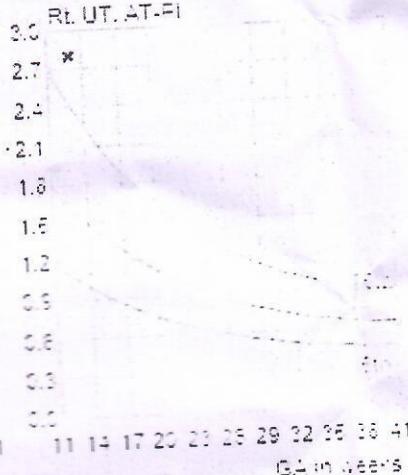
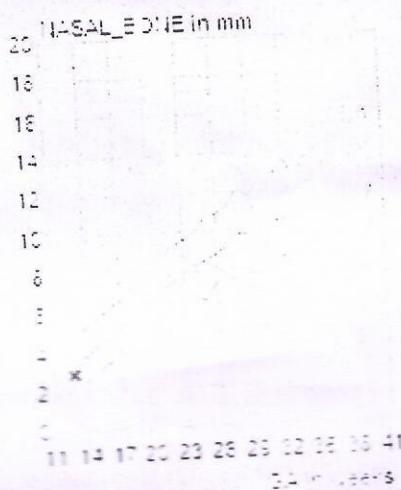
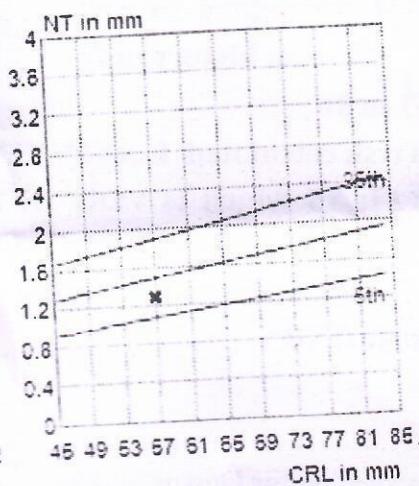
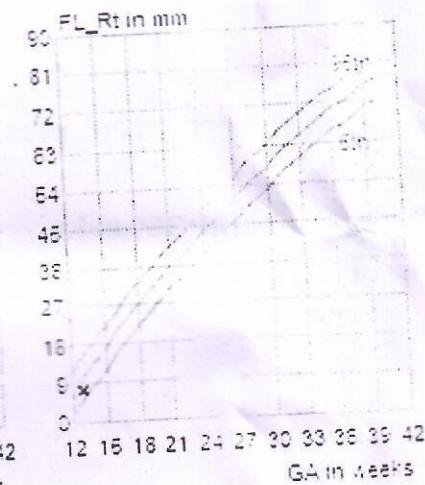
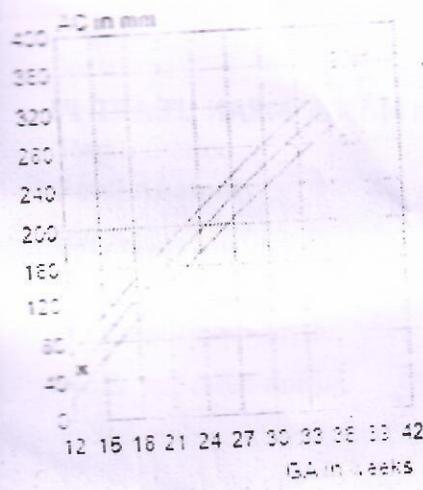
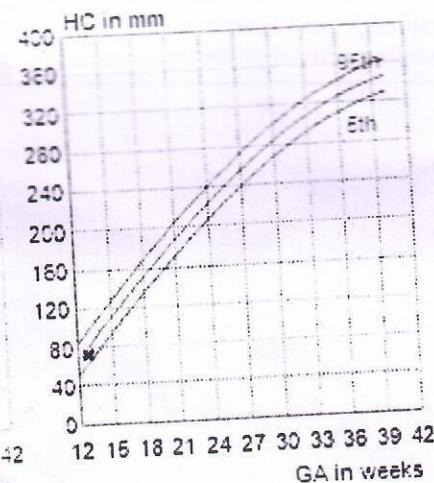
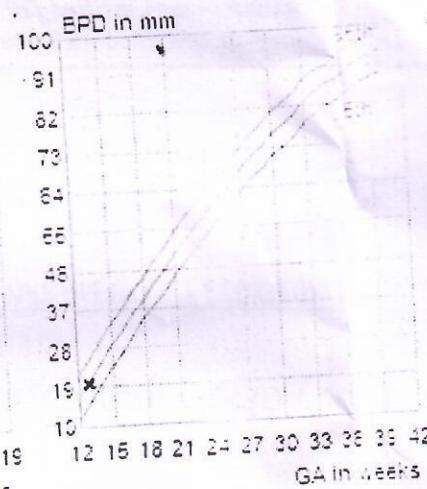
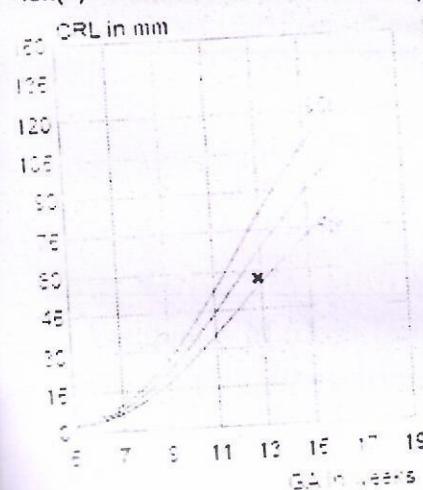
## Preeclampsia risk from history plus MAP, UTPI

< 37 weeks: 1 in 15

Patient name Mrs. SANGEETA MANWTKAR  
 Patient ID 18-07-2023-0014  
 Preferred by Dr. KAJAL NAWANI MBBS MD DNB

Age/Sex 37 Years /Female  
 Visit no 1  
 Visit date 18/07/2023

Visit(s) used : 18/07/2023



**SONOLINE (M) 9881725969**  
**BHAWATKAR DIAGNOSTIC CENTRE**

**Dr. Mrs. Manisha Bhawatkar**  
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**Impression**

INTRAUTERINE GESTATION CORRESPONDING TO A GESTATIONAL AGE OF 12 WEEKS 6 DAYS  
GESTATIONAL AGE ASSIGNED AS PER LMP

**EDD 24-01-2024 is assigned as per LMP**

**Preeclampsia risk from history only**

**< 37 weeks : 1 in 36**

Preeclampsia risk calculated from MATERNAL CHARACTERISTIC plus MAP & MEAN UT.ART. PI  
AS the risk is 1 in 15 which is **VERY HIGH RISK**

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

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 210

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

NB

A 1 in 1167 1 in 3889 Nasal Bone Present

**Disclaimer**

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

Dr. MANISHA BHAWATKAR  
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CONSULTANT FETAL MEDICINE EXPERT & RADIOLOGIST.