

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

**Dr. Mrs. Manisha Bhawatkar**

M.B.B.S., D.M.R.E (FMF 203671)  
 (Mumbai)

Reg. No 1025/03/2003 Consultant in **FETAL MEDICINE**  
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101, Karamsheel Heights, Infront of Maharashtra Emporium, Dr Ambedkar Marg, Indora Square, Nagpur (Ph.2644889)

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Patient name	Mrs. NISHA SHAHU	Age/Sex	34 Years / Female
Patient ID	E67257-24-02-20-7	Visit no	1
Referred by	Dr. ANITA DARDA MBBS DGO	Visit date	20/02/2024
LMP date	23/11/2023, LMP EDD: 29/08/2024[12W 5D]		

**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 4.10 cm in length.

INTERNAL OS CLOSED

**MEAN UTERINE ART. PI. IS 4.1.. RAISED**

Right Uterine	4.35	■■■■■
Left Uterine	3.86	■■■■■
Mean PI	4.105	■■■■■

**Fetus**

**Survey**

Placenta	: LEFT LATERAL
Liquor	: Adequate
Umbilical cord	: Three vessel cord seen
Fetal activity	: Fetal activity present
Cardiac activity	: Cardiac activity present Fetal heart rate - 163 bpm

**Biometry (mm)**

CRL	66.8, 13W	■■■■■(57%)
BPD	22.9, 13W 5D	■■■■■(77%)
HC	82, 13W 4D	■■■■■(61%)
AC	72.1, 13W 5D	■■■■■(84%)
FL	9.8, 12W 6D	■■■■■(49%)

**Fetal doppler**

Ductus Venosus PI	0.87	■■■■■(50%)
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IT - 2 mm

**Aneuploidy Markers (mm)**

Nasal Bone	1.97	• (4%)
	Seen	
NT	1.3	• (10%)
	Normal	
Ductus Venosus	Normal flow	
Tricuspid Regurgitation	No TR	

**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 .

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**Risk for preeclampsia (NISHA SHAHU)**

Report date 20-02-2024

Examination date 20-02-2024

Gestational age  $12^{+7}$  weeks

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### **Maternal characteristics**

Age in years 34.8

Height in cm 168

Weight in kg 64

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 109 mmHg (1.282 MoM)

Uterine artery PI 4.1 (2.534 MoM)

Measurement date 20-02-2024

### **Preeclampsia risk from history only**

< 37 weeks: 1 in 152

### **Preeclampsia risk from history plus MAP, UTPI**

< 37 weeks: 1 in 3 (VERY HIGH RISK) CUT OFF IS 1 IN 150

Mrs. NISHA SHAHU / E67257-24-02-20-7 / 20/02/2024 / Visit No 1

**Impression**

INTRAUTERINE GESTATION CORRESPONDING TO A GESTATIONAL AGE OF 12 WEEKS 5 DAYS  
GESTATIONAL AGE ASSIGNED AS PER LMP

**EDD 29-08-2024 is assigned as per LMP**

Preeclampsia risk from history only

< 37 weeks : 1 in 152

Preeclampsia risk calculated from MATERNAL CHARACTERISTIC plus MAP & MEAN UT.ART. PI  
AS the risk is 1 in 3 which is **VERY 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 432

Fetus	Risk estimate - NT	Risk estimate - NT + NB	Markers name
A	1 in 2541	1 in 8471	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,BGFRG,ACFRG.

NATIONAL FELLOW SCHOLAR MD.

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

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