

**SONOLINE (M) 9881725969**

**BHAWATKAR DIAGNOSTIC CENTRE**

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**Age/Sex** 34 Years / Female

Visit no 1

Visit date 20/02/2024

## 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<sup>+7</sup> weeks

5A0B1D2495E852

**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**

**< 37weeks : 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 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 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**

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

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