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Patient name Mrs. TRUPTI PARATE  
 Patient ID 18-12-2023-0022  
 Referred by Dr. ANITA DARDA MBBS DGO  
 LMP date 19/09/2023, LMP EDD: 25/06/2024 [12W 6D]

Age/Sex 29 Years / Female  
 Visit no 1  
 Visit date 18/12/2023

**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 3.75 cm in length.

INTERNAL OS CLOSED

Mean UTERINE ART.PI is (2.8) Raised

Right Uterine	2.74	—●—
Left Uterine	2.9	—●—
Mean PI	2.82	—●—

**Fetus**

**Survey**

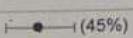
Placenta	: Anterior
Liquor	: Adequate
Umbilical cord	: Three vessel cord seen
Fetal activity	: Fetal activity present
Cardiac activity	: Cardiac activity present Fetal heart rate - 148 bpm

**Biometry (mm)**

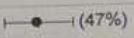
CRL	67.7, 13W	—●— (54%)
BPD	25.8, 14W 3D	—●— (95%)
HC	88.8, 14W	—●— (73%)
AC	65.2, 13W 1D	—●— (66%)

Mrs. TRUPTI PARATE / 18-12-2023-0022 / 18/12/2023 / Visit No 1

**Biometry (mm)**

FL 9.9, 13W 

**Fetal doppler**

Ductus Venosus PI 0.85 

IT - 1.82 mm

**Aneuploidy Markers (mm)**

Nasal Bone	3	
	Present	
NT	1.3	
	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 no situs normal.

Abdominal situs appeared normal.

Normal insertion of three vessel cord seen.

Stomach and bowel appeared normal .

Risk assessment

**Risk for preeclampsia**

Report date 18-12-2023  
Examination date 18-12-2023  
Gestational age 13<sup>0</sup> weeks  
31819722078010

**Maternal characteristics**

Age in years 28.3  
Height in cm 152  
Weight in kg 78  
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 erythematosus No  
Anti-phospholipid syndrome No

**Obstetric history**

Parity Nulliparous

**Biophysical measurements**

Mean arterial pressure 91 mmHg (1.025 MoM)  
Uterine artery PI 2.8 (1.792 MoM)  
Measurement date 18-12-2023

**Preeclampsia risk from history only**

< 37 weeks: 1 in 51

**Preeclampsia risk from history plus MAP, UTPi**

< 37 weeks: 1 in 18

Mrs. TRUPTI PARATE / 18-12-2023-0022 / 18/12/2023 / Visit No 1

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.

**Impression**

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

**EDD 25-06-2024 is assigned as per LMP**

Preeclampsia risk from history only

< 37 weeks : 1 in 51

Preeclampsia risk calculated from MATERNAL CHARACTERISTIC plus MAP & MEAN UT.ART. PI  
AS the risk is 1 in 18 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 981

Fetus	Risk estimate - NT	Risk estimate - NT + NB	Markers name
A	1 in 5771	1 in 19235	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.

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