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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%)

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Biometry (mm)

FL	9.9, 13W	—●— (45%)
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Fetal doppler

Ductus Venosus PI	0.85	—●— (47%)
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IT - 1.82 mm

Aneuploidy Markers (mm)

Nasal Bone	3	—●— (47%)
	Present	
NT	1.3	—●— (9%)
	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⁺⁰ weeks
318787720780110

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

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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

< 37weeks : 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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