

Dr. Mrs. Manisha Bhawatkar

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Reg. No 1025/03/2003 Consultant in FETAL MEDICINE

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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

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



Left Uterine 1.8



Mean PI 2.3



Fetus

Survey

- Placenta : Posterior
- Liquor : Adequate
- Umbilical cord : Three vessel cord seen
- Fetal activity : Fetal activity present
- Cardiac activity : Cardiac activity present

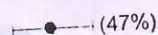
Fetal heart rate - 148 bpm

Biometry (mm)

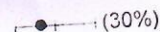
CRL 56.8, 12W



BPD 20.1, 13W 1D



HC 72.9, 13W



AC 53.8, 12W 2D



FL 76, 12W 2D



Fetal doppler

Date of Birth

12-8-84

wt. 55.35 kg.

Height. 4'9"

18/9/23

Mrs. SANGEETA MANWTKAR / 18-07-2023-0014 / 18/07/2023 / Visit No 1

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 erythematosus 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

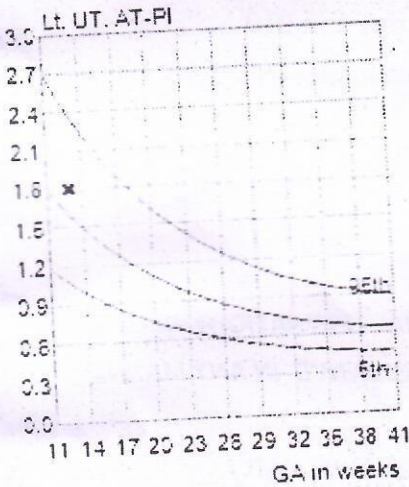
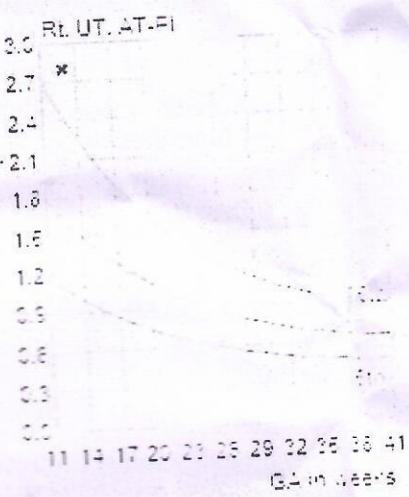
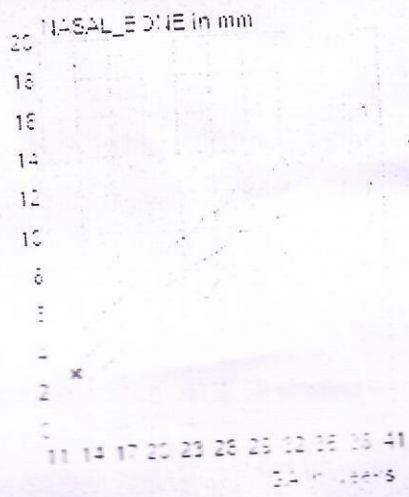
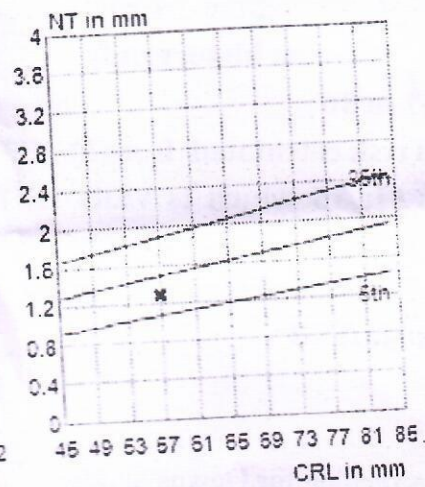
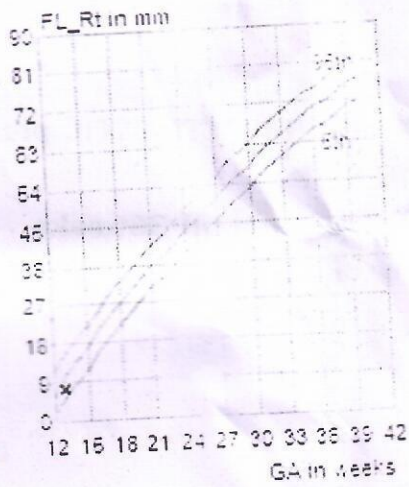
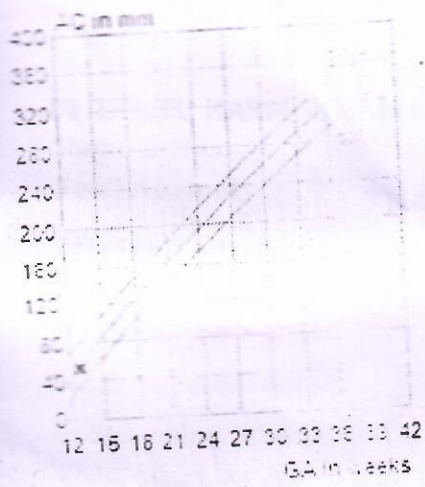
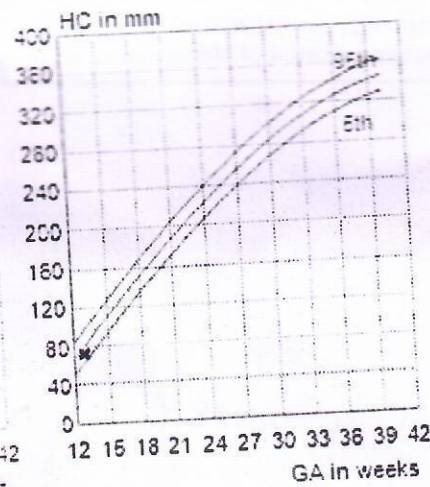
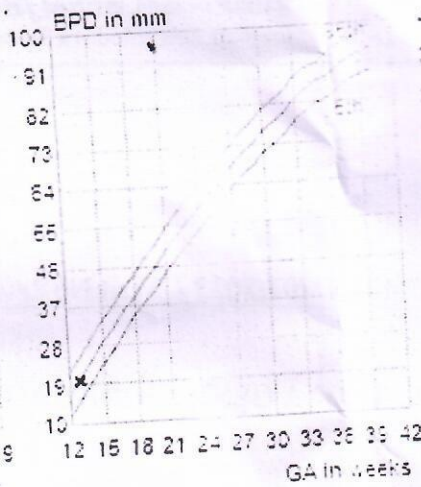
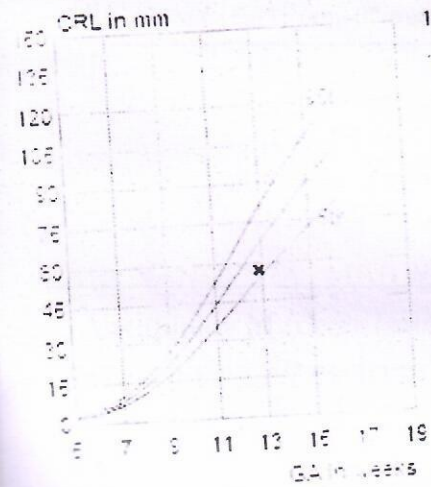
Preeclampsia risk from history plus MAP, UTPI

< 37 weeks: 1 in 15

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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

< 37weeks : 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

DMRE, FMF (U.K.) CERTIFIED FELLOW SCHOLAR MD..(203671)

CONSULTANT FETAL MEDICINE EXPERT & RADIOLOGIST.