

SONOLINE (M) 9881725969
BHAWATKAR DIAGNOSTIC CENTRE

Dr. Mrs. Manisha Bhawatkar

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Dr. Ashish Bhawatkar

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Reg. No. 083558 Consultant in FETAL MEDICINE
RADIOLOGIST Certified fellow SCHOLAR MD, INDIA.

Patient name Mrs. SUHASINI AMIT THAPLIYAL
Patient ID E67257-24-03-01-7
Referred by Dr. NEHA MADURWAR VERMA MS DNB
LMP date 02/12/2023, LMP EDD: 07/09/2024[12W 6D]

Age/Sex 28 Years / Female
Visit no 1
Visit date 01/03/2024

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 4.20 cm in length.

INTERNAL OS CLOSED

MEAN UTERINE ART. PI IS 2.61.. RIASED .

Right Uterine	2.72	—●— (23%)
Left Uterine	2.5	—●— (>99%)
Mean PI	2.61	—●— (>99%)

Fetus

Survey

Placenta : Posterior
Low lying placenta ,reaching upto internal cervical OS, but not covering it.
Liquor : Adequate
Umbilical cord : Three vessel cord seen
Fetal activity : Fetal activity present
Cardiac activity : Cardiac activity present
Fetal heart rate - 151 bpm

Biometry (mm)

CRL	59.3, 12W 3D	—●— (23%)
BPD	18.7, 12W 6D	—●— (54%)
HC	67, 12W 5D	—●— (13%)
AC	59.7, 12W 5D	—●— (55%)
FL	7.9, 12W 3D	—●— (27%)

Mrs. SUHASINI AMIT THAPLIYAL / E67257-24-03-01-7 / 01/03/2024 / Visit No 1

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 07-09-2024 is assigned as per LMP

WITH MARGINAL PLACENTA PREVIA AT PRESENT.

Preeclampsia risk from history only

< 37weeks : 1 in 27

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 1083

Fetus	Risk estimate - NT	Risk estimate - NT + NB	Markers name
A	1 in 6371	1 in 21235	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, BCFRG, ACFRG.

NATIONAL FELLOW SCHOLAR MD.

FMF (U.K.) CERTIFIED. (FMF ID : 203670)

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

TRAINED FOR FETAL ECHO AT MEDISCAN, CHENNAI.

CONSULTANT FETAL MEDICINE EXPERT & RADIOLOGIST.

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Risk for preeclampsia (SUHASINI THAPLIYAL)

Report date 01-03-2024
Examination date 01-03-2024
Gestational age 12⁺³ weeks
1F87FC969B4F48

Maternal characteristics

Age in years 28.2
Height in cm 130
Weight in kg 68
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 89 mmHg (1.018 MoM)
Uterine artery PI 2.6 (1.555 MoM)
Measurement date 01-03-2024
Preeclampsia risk from history only

< 37 weeks: 1 in 27

Preeclampsia risk from history plus MAP, UTPI

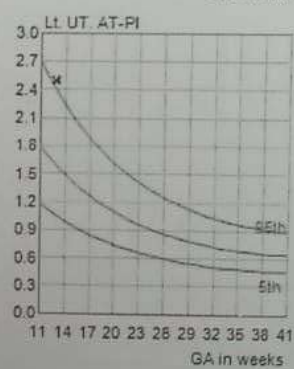
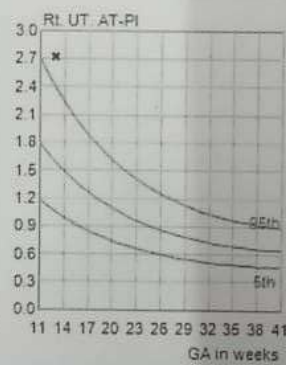
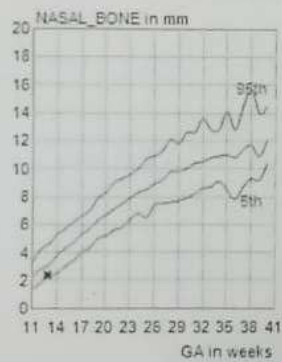
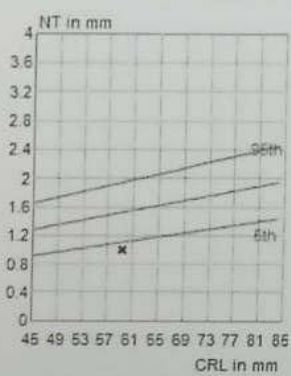
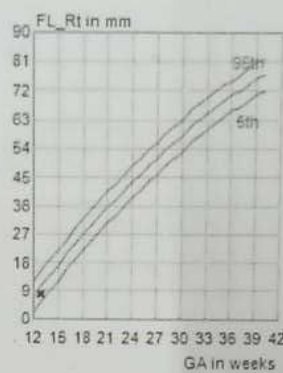
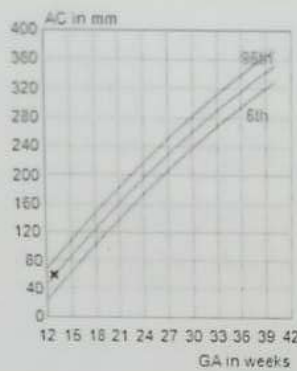
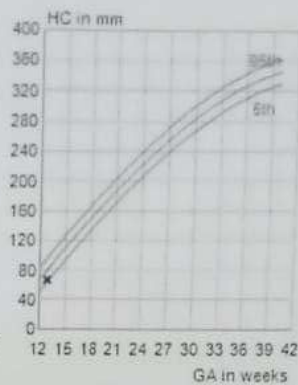
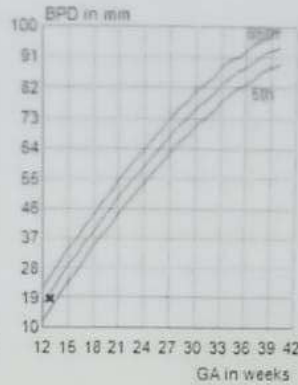
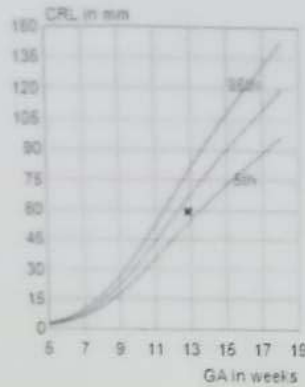
< 37 weeks: 1 in 15 (HIGH RISK) CUT OFF IS 1 IN 150

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Fetal doppler

Ductus Venosus PI 0.87 —●— (50%)

IT - 2.4 mm

Aneuploidy Markers (mm)

Nasal Bone	2.4	●— (14%)
	Seen	
NT	1	●— (2%)
	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.

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NAME : SUHASINI AMIT THAPLIYAL

AGE/SEX : 28 Y/F

REF. BY : DR. NEHA MADURWAR VERMA MS DNB

DATE : 01/03/2024

SONOGRAPHY K.U.B. REGION

RIGHT KIDNEY : 9.3 X 4.2 cm .

LEFT KIDNEY : 10.4 X 3.9 cm .

Both kidneys are normal in size and have smooth margins. Cortical echotexture is normal. Corticomedullary differentiation is well maintained.

The central echocomplex on either side does not show evidence of calculus or hydronephrosis. The ureters do not appear to be dilated.

The urinary bladder is well distended with uniform and normal wall thickness.

No evidence of calculus seen in it or at vesicoureteric junction. No evidence of mass lesion or diverticulum noted.

Post void residual volume is insignificant.

IMPRESSION : NO SIGNIFICANT SONOLOGICAL ABNORMALITY IN KUB REGION .

Dr. Manisha Bhawatkar
(Consultant Radiologist & Sonologist.)

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(Consultant Radiologist & Sonologist.)