

Health Care

Diagnostic Centre (P) Ltd.

Prag Plaza Commercial Complex, Ground Floor

Bhangagarh, G.S. Road, Guwahati - 781 005

Ph.: (0361) 2451517, 2463725, 98648 44384, 8486011180

Dr. R. Phukan, MD

Regd. No.: 6690

Consultant Radiologist

Trained in Fetal Echocardiography

In king's Hospital London (UK)

Patient name	Mrs. GEORGIYA BEGUM	Age/Sex	31 Years / Female
Patient ID	E79957-24-06-29-8	Visit no	1
Referred by	MAA. I. V. F. CLINIC	Visit date	29/06/2024
LMP date	22/03/2024, LMP EDD: 27/12/2024[14W 1D]		

OB - First Trimester Scan Report

Equipment used - Voluson E10

Real time B-mode ultrasonography of gravid uterus done.

Route: Transabdominal

Single intrauterine gestation

LMP - 22-03-24

EDD by LMP - 27-12-24

Maternal

Cervix measured 3.00 cms in length.

Right Uterine	1.13	●— (18%)
Left Uterine	1.26	●— (30%)
Mean PI	1.195	●— (24%)

Fetus

Survey

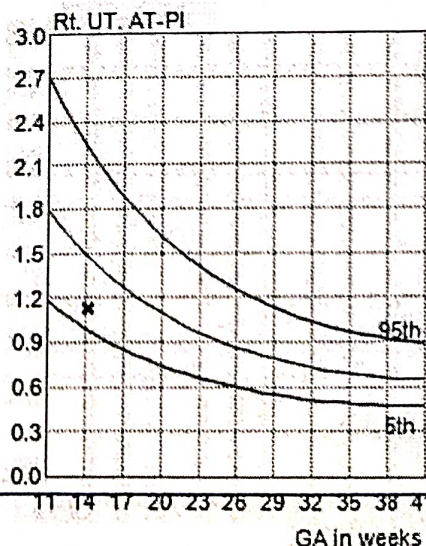
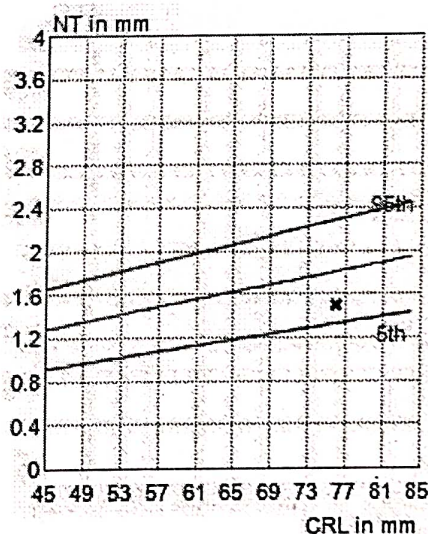
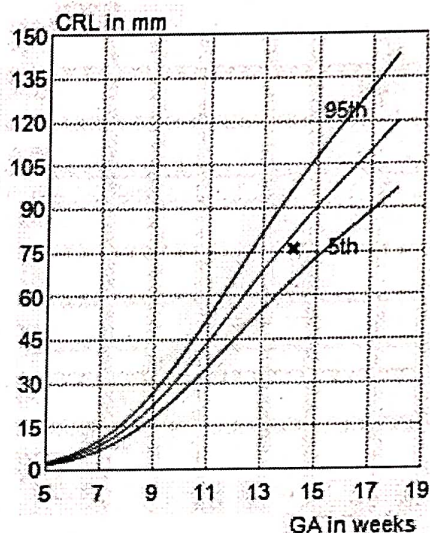
Placenta : Fundus and anterior
Liquor : Adequate. Single deepest pocket = 3.5 cm.
Fetal activity : Fetal activity present
Cardiac activity : Cardiac activity present
Fetal heart rate - 163 bpm

Biometry (mm)

CRL	76, 13W 5D	●— (34%)
-----	------------	-----------

Aneuploidy Markers (mm)

Nasal Bone	Visualised
NT	1.5 ●— (15%)
Ductus Venosus	Normal flow
Tricuspid Regurgitation	Absent



Health Care

Diagnostic Centre (P) Ltd.

Tag Plaza Commercial Complex, Ground Floor

Bhangagarh, G.S. Road, Guwahati - 781 005

Ph.: (0361) 2451517, 2463725, 98648 44384, 8486011180

Dr. R. Phukan, MD

Regd. No.: 6690

Consultant Radiologist

Trained in Fetal Echocardiography

In King's Hospital London (UK)

Patient name	Mrs. GEORGIYA BEGUM	Age/Sex	31 Years / Female
Patient ID	E79957-24-06-29-8	Visit no	1
Referred by	MAA. I. V. F. CLINIC	Visit date	29/06/2024
LMP date	22/03/2024, LMP EDD: 27/12/2024[14W 1D]		

Fetal Anatomy

Skull and Brain-

- Midline falx - Normal.
- Choroid plexuses filling the ventricles.
- Posterior fossa - Normal. I.T. 2.4 mm.

Face-

Profile and orbits are normal.

Spine-

Longitudinal examination for vertebral bodies and overlying skin- Normal.

Thorax-

Shape of thorax, lungs and diaphragm are normal.

Heart -

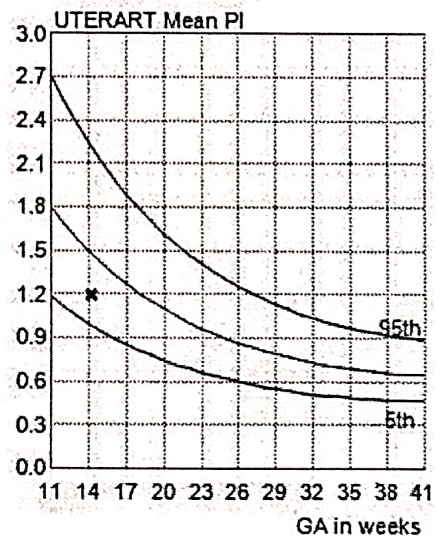
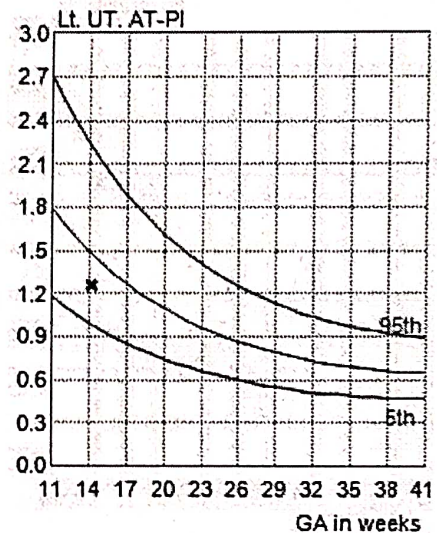
4th Chamber View - Normal
3V view - Normal.

Abdomen -

Stomach bubble - Present, bladder collapsed.
Normal insertion of umbilical cord into anterior abdominal wall.

Limbs -

Visible extrimities are normal.



Health Care

Diagnostic Centre (P) Ltd.

Prag Plaza Commercial Complex, Ground Floor

Bhangagarh, G.S. Road, Guwahati - 781 005

Ph.: (0361) 2451517, 2463725, 98648 44384, 8486011180

Dr. R. Phukan, MD

Regd. No.: 6690

Consultant Radiologist

Trained in Fetal Echocardiography

In king's Hospital London (UK)

Patient name	Mrs. GEORGIYA BEGUM	Age/Sex	31 Years / Female
Patient ID	E79957-24-06-29-8	Visit no	1
Referred by	MAA. I. V. F. CLINIC	Visit date	29/06/2024
LMP date	22/03/2024, LMP EDD: 27/12/2024[14W 1D]		

Risk assessment for PE.

Biophysical measurements

Mean arterial pressure (MAP) 91 mmHg (1.141 MOM).

Uterine artery PI (UTPI) 1.2 (0.755 MOM).

Measurement date 29-06-2024

Preclampsia risk from history only <37 weeks:- 1 in 71.

Preeclampsia risk from history plus MAP, UTPI <37 weeks:- 1 in 89.

Cutoff 1 in 100.

✓ Screen positive.

Impression

13W5D live intrauterine pregnancy with no obvious fetal defect.

First trimester screening for Downs

Maternal age risk 1 in 755

Fetus	Risk estimate - NT	Risk estimate - NT + NB
A	1 in 4441	1 in 14804



Detection rate for various screening protocols for downs Syndrome:-

- Double marker blood test 11-13.6 weeks 67%.
- NT Scan 11-14 weeks 80%.
- Combined Double marker +NT scan 95%.
- Quadruple marker blood test 15-21.6 weeks 65%.
- Genetic Sonogram 18-23 weeks 60-70%.
- SEQUENTIAL SCREENING COMBINES ALL OF THE ABOVE 97-98%.
- ONLY ANOMALY SCAN 58%.
- NIPT 99%.
- Karyotyping 100%.

P.N. - All abnormalities and genetic syndromes cannot be ruled out by ultrasound examination. Ultrasound examination has its own limitations. Some abnormalities evolve as the gestation advances. The detection rate of abnormality depends on various factors, some of them are- gestational age of the fetus, fetal position, tissue penetration of sound waves, and patients body habitus.

Name - Geörgiya Begum	Age - 31 yrs	Date- 27/04/2024
LMP- 22/03/2024	Regd No- MAA-1525	Positive on- 27/04/2024
		S.BHCG- >1500

Rx

1. Tab Fol B 6/ any Folic Acid Tab Sig: 1 tab daily after food to cont
2. Tab. Ecosprin 75 Sig: 1 tab 12 hrly after food to cont
3. Tab. Estrovas 2mg, Sig: 1 tab once daily after food to continue for 15 days then stop.
4. Cap. Pregcert 200, Sig: 1 cap to be inserted PV twice daily to cont.
5. Inj. Inceptova 5000 IU Sig: 1 amp IM once in a week to continue for 8wks. 1 $\frac{W}{8W}$
6. Inj. Pregzest 500, Sig: 1 amp IM once in a week to continue 1 $\frac{W}{5M}$
7. Inj. Womenox 40/ Parihep 40, Sig: 1 Amp SC daily to continue 1 $\frac{D}{CONT}$
- 8.

Adv:

Rest as advised. Diet as advised.

Inform if there is any problem.

Check up with USG Reports after 2 weeks on 11/05/2024 (Plasma Diagnostic Centre, Hatigaon).

11/05/2024 RE-80
BP

Single LMP

A CBC, RH, SC, VDR, MR, 7
LFT, STMT, S. RBC, R/E, 44

2. HA Women x 5D 50 50 50

Ry, at 3 wks

Rest to a 20

R(1) Tab. AM 9 MUP

2. 1 tab once daily after dinner to cont

✓ Gen.
EPD 3 LMP 27/12/24
EPD 3 - USG - 27/12/24
EPD 3 ET - 31/12/24

1/6/24

PR-8
Pr 1257 80
CAR to

At: 20 M it of pr
Co sa
Pr - 1M.

20) ancoli se at 2nd / please
+ Double / Tripple Men
25 - 100 A

Str Przech

R ① 20 Corrigisto 200 &
2 1to 1) ✓ fam x to ~

29/6/2024

PR-80
Pr 1257 80
GLUR CO @ ~

A: Tripple M / Double men
A

Pr 100