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IMAGING & DIAGNOSTICS

Shop No. 1, New Dnyaneshwar Nagar,
Manewada Cement Road, Near Axis Bank,
Labour Chowk, Manewada, Nagpur - 440027.
nobleimaginganddiagnostics.com

Patient Name	: Mrs. PRANALI AKASH UMRE	Age/Sex	: 28 Years/Female
Ref. By	: Dr. ADITI S GULHANE	Date	: 30-Oct-23

OBSTETRIC LEVEL II SCAN / TIFFA SCAN/ANOMALY SCAN

CLINICAL : LMP 08-Jun-23 GA LMP 20 weeks 4 days EDD 14-Mar-24

A single live intrauterine fetus.

Fetal cardiac activity and fetal movements appear normal.

Fetal gestational parameters are

	Measurement	GA	Percentile	
Biparietal Diameter	4.78 cm	20 weeks 3 days	44.30 %	
Head Circumference	18.28 cm	20 weeks 5 days	45.50 %	
Abdominal Circumference	15.30 cm	20 weeks 4 days	41.20 %	
Femur Length	3.48 cm	21 weeks 0 days	55.90 %	
Average Ultrasound Age	20 weeks 4 days	14-Mar-24		
Estimated Weight	371 g $\pm$ 54	20 weeks 4 days	50.90 %	

Survey		Data	
FETUS	Single live	LMP	08-Jun-23
PRESENTATION	Variable	GESTATIONAL AGE BY LMP	20 weeks 4 days
LIE	Transverse lie	GESTATIONAL AGE BY USG	20 weeks, 4 days $\pm$ 10 days
PLACENTA	Posterior, Not Low lying	EDD/LMP	14-Mar-24
LIQUOR	Adequate	APPROXIMATE FETAL WEIGHT	371 gms $\pm$ 54 gms
	SLP: 5.7 cm	FHR	156 BPM
CERVICAL LENGTH	3.5 cm, IOS closed		

Fetal Anatomy

Fetal Head:

- ✓ Atria of the lateral ventricle - 7.1mm (Normal).
- ✓ Cisterna magna - 3.6 mm (Normal).
- ✓ Transcerebellar diameter - 2.1cm. Cerebellum appears normal.
- ✓ Falx seen. Cavum septum pellucidum and cavum vergae seen.
- ✓ Shape of Skull - Normal
- ✓ Skull bone density - Normal

Dr. Mayur Mahadule

MBBS, MD, DNB (Radiodiagnosis)
(B.J.M.C. & Sassoon Hospital Pune)
Consultant Radiologist
M : 8788092978

Dr. Amol Gawhale

MBBS, MD, DNB (Radiodiagnosis)
(Seth GSMC & KEM Hospital Mumbai)
FRCR (London), EDIR, Diplomate of ICR
Consultant Radiologist
M : 9671903049

Dr. Amita Dhawas (Thakare)

MD Radio-diagnosis
MGIMS Sevagram
Consultant Radiologist
M : 9673329881

◆ Fetal Face

- ✓ Nasal bone -Ossified. Length - 6.2mm
- ✓ BPD: nasal bone ratio= ≤ 10 (Normal).
- ✓ Frontal bossing - Not seen
- ✓ Depressed nasal bridge - Not seen
- ✓ Fronto maxillary angle - Normal
- ✓ Orbits - Visualized.
- ✓ No facial cleft.

◆ Fetal Neck

- ✓ Nuchal fold thickness - Normal (2.7 mm)

◆ Fetal Chest:

- ✓ 4 chamber view is seen.
- ✓ No evidence of echogenic intracardiac focus seen.
- ✓ Cardiac axis appears normal.
- ✓ Outflow tracts imaged.
- ✓ Three vessel view seen.
- ✓ Foramen ovale / flap visualized.
- ✓ Cardiac evaluation is limited.

◆ Fetal Abdomen

- ✓ Situs solitus maintained.
- ✓ Stomach bubble visualized.
- ✓ Fetal both kidneys are visualized.
- ✓ Fetal urinary bladder appear normal
- ✓ Parietal wall appears intact
- ✓ Bowel - Normal caliber. No fluid

◆ Umbilical cord - Three vessel cord seen. No cord around fetal neck.

◆ Fetal spine: Smooth curvature of the spine including lumbo sacral segments visualized. To the extent visualized no major deficit or cystically dilated structure visualized. No abnormal scoliosis or deformity appreciated.

◆ Long bones of upper and lower extremities grossly appear normal. No evidence of CTEV.

MATERNAL UTERINE ARTERY DOPPLER SCREENING

UTERINE ARTERY	PI	NOTCH	REMARKS
RIGHT SIDE	0.4	No notch	Bilateral no notch
LEFT SIDE	0.5	No notch	

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GENETIC MARKER SCREENING

FINDINGS	REMARKS
Mega cisterna magna	NO
Ventriculomegaly.	NO
Three vessel cord	YES
Nasal bone ossification.	YES
Nuchal fold thickness	NORMAL
Choroid plexus cyst	NO
Proximal limb length shortening	NO
Pelviectasis.	NO
Echogenic Bowel	NO
Echogenic cardiac focus	NO

IMPRESSION

- ✧ Single live intrauterine fetus of average gestational age corresponding to 20 weeks, 4 days $\pm$ 10 days.
- ✧ No gross soft markers / structural anatomical defects detected.
- ✧ Fetal growth is appropriate for gestational age.
- ✧ Negative bilateral uterine artery Doppler screening.
- ✧ Background apriori risk for Down's syndrome is 1 in 880.

Note-Not all fetal anomalies can be diagnosed on ultrasonography. Fetal echo cardiography is not included in this scan.

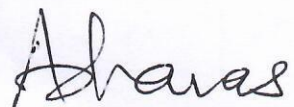
Dr.Amita Dhawas , declare that while conducting ultrasonography on Mrs.Pranali Umare , I have neither detected nor disclosed the sex of her fetus to anybody in any manner.

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