

Flat No. 39A, Sector-6, Pocket-2, Dwarka, New Delhi - 110075 | Ph.: 011-47243243, 9212083222, 9810931674

Name	MRS. PRIYA	Srl No.	9
Age/Sex	24 Yrs. F	Investigation Date	29/08/2021
Ref. By	Dr. B. D MEDICAL CENTRE	Report Date	29/08/2021

OBSTETRICAL ULTRA SOUND LEVEL II

GA BY LMP= 21 WEEK

Scan shows single foetus with cephalic presentation.

Foetal cardiac activity and foetal movements are seen. FHR = 145 B/M

Amniotic fluid is adequate.

Parameter	Measurement	Gest Age
BPD	53 mm	22 Wk 2 days
HC	200mm	22 Wk 1 days
Abd Circumference	174 mm	22 Wk 3 days
Femur length	36 mm	21 Wk 4 days
Humerus	32 mm	21 Wk 0 days

Foetal wt is : 470 gms.

Computed mean gestational age is 21 Wk 6 days.

EDD by CGA is 3-1-22

Placenta is anteriorly located and is in upper segment and has homogenous echopattern. Placental maturity is grade '0'.

Cervical length measures 3.2 cm .

Fetal cranium shows normal brain morphology . No hydrocephalus seen . Posterior fossa shows normal cerebellum and cisterna magna . Width of lateral ventricle is 5.9 mm

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Orbital diameter	=	11.3 mm.
Interocular distance	=	13 mm.
Transcerebellar diameter	=	20.1 mm.
Nuchal fold	=	4.2mm.
Cisterna magna	=	5.6 mm.
Nasal bone	=	6.6 mm

No spinal anomaly is seen .

Fetal facial structures appear normal . No gross dysmorphism is seen . Fetal orbits and globes appear normal .

The neck was assessed for anterior , posterior and lateral masses . The thorax was assessed for the chest wall, lungs , heart, mediastinum and diaphragm . The lungs were assessed for extent and echogenicity .

Four chamber view of heart appears normal . However , fetal echocardiography is suggested for complete fetal cardiac evaluation

Abdominal assessment included anterior and posterior abdominal wall, stomach bubble, bowel echogenicity, liver , spleen , kidney location and echogenicity, any hydronephrosis, urinary bladder .

All four fetal limbs and long bones identified and appear normal .

Umbilical cord shows 3 vessel configuration .

Color doppler study

Umbilical artery shows normal, low resistance flow pattern with adequate diastolic flow .

Bilateral uterine arteries show normal, low resistance flow pattern with no diastolic notching .

DHANWANTRI

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Ductus venosus shows normal continuous forward flow without any reversal of "a" wave .PI value is 0.67

VESSEL	RI	PI	S/D RATIO
Umbilical artery	0.72	1.27	3.56
Rt Uterine artery	0.44	0.63	1.80
Lt Uterine artery	0.53	0.79	2.15

**IMPRESSION : SINGLE LIVE INTRA UTERINE PREGNANCY OF
21 WKS 6 DAYS.**

DECLARATION - I Dr. Prakash Lalchandani declare that while conducting sonography on patient (mentioned as above), I have neither detected nor disclosed the sex of her foetus to anybody in any manner .

Remarks :

- 1/Not all congenital anomalies can be detected on ultrasound scan esp cleft lip and palate, limb and heart defects because of inherent technical limitations and constantly moving nature of fetus, amniotic fluid volume, gestational age of fetus and maternal abdominal wall thickness.
 - 2/Fetal echocardiography is not part of this study.
 - 3/ Further management suggested in form of (if clinically indicated) depending on gestational age
- * Quadruple test (50-60% sensitivity for downs syndrome,
 - *Amniocentesis - fetal karyotype by invasive testing (100% detection rate - but 1 % miscarriage rate),
 - *NIPT-non invasive prenatal testing by cell free DNA on maternal blood(screening test -sensitivity - 99%)