

Patient Name :- **Mrs. REENA w/o VNOD**

Date :- **07/Aug/2024**

Age/Sex:- **32 Year/Female**

Referred by:- **Dr. PUJA SHARMAMAM(MBBS ,DGO ,DNB)**

OBSTETRIC SONOGRAPHY LEVEL II

Ultrasound examination of the gravid uterus Report

- LMP:- 23/03/2024 & EDD: - 01/01/2025 BY USG
- FOETAL : - *Single live intrauterine Pregnancy.*

B Mode finding:-

- FHR : - 150 /BPM and Regular (Normal range 120-180 BPM).
- AMNIOTIC FLUID : - Adequate: - 8.5 cm (Normal values 8-25 cm).
- Foetal Weight : - 266 Gms (approx) +/- 10 %
- PRESENTATION : - Variable at present scan.
- PLACENTA : - Anterior Grade I Involving upper and mid uterine segment away from internal OS.

FOETAL PARAMETER :-

B.P.D. :-	4.3 Cm	19 Week	1 Day
H.C. :-	15.7 Cm	18 Week	4 Day
A.C. :-	12.7 Cm	18 Week	3 Day
F.L. :-	3.1 Cm	19 Week	5 Day

1. Foetal movement & tone: - *Appear Normal.*
2. Foetal head & spine: - *Appear normal.*
3. LIE/Spine: - *Variable*
4. Stomach, urinary bladder & umbilical vein: - *Appear normally.*
5. NO loop of Umbilical cord appears to be encircling foetus neck on color Doppler at the time of scan.
6. Maternal survey :- Internal OS is closed & Cervical Length is well maintained. And measures 2.9 cm NO evidence of any concealed haemorrhage.

Impression: -

- Single live foetus with Variable at present 18 week 6 day (+/-2 week) of gestational age.
- No gross congenital anomalies seen at present scan.

P.T.O
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DR. Dharmendra Singh Dangi
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(Radiologist)

Contact no. 9039120029
Time Monday to Saturday :- 09.00 am to 07.00 pm
Sunday :- 10.00 am to 02.00 pm

➤ Extended Foetal Biometry

PARAMETER	MEASUREMENTS	GESTATIONAL AGE	MEAN +/- 2SD.
• T.C.D. :-	1.8 cm	19 week	2 day
• Cisterna magna measures:-		5.0 mm.	
• Transverse diameter measures:-		4.6 mm.	
• TD at atrium measured:-		5.3 mm.	

➤ Head :-

- Head appears normal in size and shape.
- Both Lateral ventricles appear normal.
- Midline echoes appear normal.
- Cerebellum appears normal.
- Cisterna Magna normal.
- No SOL is seen.

➤ Spine :-

- Full length of the vertebral column is visualised and appears normal.
- Transverse vertebral column appears normal.
- No evidence of any bifida defect or meningocele seen at present scan.

➤ Neck :-

- No cystic lesion is visible around the foetal neck.
- NO evidence of any obvious cleft lip and palate seen at present scan.

➤ Face :-

- Foetal face was visualised in profile and coronal scans.
- Both eyeballs, nose and lips appear normal.
- Binocular diameter Appear normal.
- Nasal bone and premaxillary triangle were visualised.

➤ Abdomen :-

- Anterior abdominal wall appears intact.
- Normal abdominal Situs.
- Foetal stomach and bowel loops appear normal.
- No Ascites, seen at present scan

➤ Urinary Tract :-

- Both kidneys appear normal in size. No Pelvicalyceal dilatation.
- Urinary bladder appears normal.

➤ Limbs :-

- All the four limbs are seen.
- The long bones appear normal for the period of gestation.
- Both the hands and feet appeared normal.

➤ Umbilical Cord :-

- Cord appears normal and reveals two arteries and one vein.
- Cords insertion at the level of umbilicus with no muscular wall defect seen at present scan.

EXTENDED TARGET IMAGINE FOR FETAL ECHOCARDIOGRAPHY

(FETAL ECHOCARDIOGRAM (5 VIEW SCREENING, PROTOCOL- PLUS DOPPLER))

Situs concordance conformed:-

- Ventricle are approximately equal in diameter.
- Two A/V valve sets are present and their locations are offset at the crux.
- IVS-AO junction integrity noted.

VESSELS TO 5 VESSEL VIEWS OBTAINED:-

- 3 vessel cord and Ductus venosus identified.
- The PA is larger than the AO. Cris-cross lay of the GV identified.
- Situs Solitus.
- Normal 4 Chamber heart orientation axis, size and location in the thorax.
- No pericardial or pleural effusion.
- Atrio ventricular concordance present. Doppler flow demonstrated.
- Ventricles to PA and AO flow/flow tracts demonstrate. Anatomical cross over demonstrated.
- IAS foramen Ovale flap is noted appears normal.
- No demonstrable VSD.
- AO-IVS junction integrity demonstrated. No over ride.
- PA diameter > AO Diameter.
- IVC Doppler normal.
- Ductus venosus Doppler appears normal.

SUMMARY IMPRESSION & COMMENTS:-

- *Findings on evaluation of above organ systems are suggestive of normal study.*

Note:-

Please note that not all anomalies are picked up by ultrasound examination due to its known Limitations and subtle defects may not be seen in all scans. USG markers for screening for Chromosomal anomaly may not always be evident, and as such their absence may not totally rule out presence of foetal chromosomal anomaly. Functional anomalies like mental retardation, deafness, vision, speech etc cannot be detected by ultrasound.

Declaration of the doctor I **Dr. Dharmendra Singh Dangi** declare that while conducting U.S.G on **Smt. REENA** I have neither declared nor disclosed the sex of her foetus to anybody in any manner

This report is only a professional opinion & should be interpreted with clinical correlation.

Advise :- Follow up USG for growth scan .

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