

PT. NAME	MRS. KIRAN SINGH	AGE	29 /FEMALE
REF. DOCTOR	DR. BINDHU JOSEPH MADEM	DATE	17/11/2025

### ULTRA SOUND EARLY PREGNANCY SCAN(NT-NB SCAN)

LMP – 11/08/2025      GA(LMP) -14w00d      GA(USG)-13w04d      EDD(USG)- 21/05/2026

#### Imaging findings

Gravid uterus with single intrauterine gestation sac is seen. Decidual reaction is adequate.

Fetal pole seen. Fetal placenta appears forming on posterior wall of uterus.

Fetal cardiac activity is visualized. Fetal heart rate measures 142 beats/min.

CRL measures 7.4 cm corresponding to 13 weeks and 04 day. BPD-2.2cm-13w05d.

FL- 1.2 cm- 13w05d.

*Nuchal thickness within normal limit measures 1 mm. Nasal bone is visualized measuring within normal limit 2 mm.*

Chorionic lining is smooth & regular. No evidence of choriodecidual separation seen.

Internal os is closed. Endocervical canal appears normal. Cervical length 3.6 cm.

Myometrium is normal. No obvious myoma noted.

No adnexal mass or ectopic seen.

No free fluid seen in POD.

#### Doppler study:

**Uterine arteries:** Both uterine arteries shows low resistant high diastolic flow pattern. Mean PI value 1.3.

**Umbilical artery:** shows low resistant flow with end diastolic velocity above the baseline. The SD ratio measures 2.5.

**Ductus venosus:** Shows continuous forward flow with normal spectral pattern.

**Impression:** Gravid uterus with single live intrauterine gestation corresponding to 13 weeks and 04 days seen. Advice - Target scan for after 6 weeks. Normal doppler study at present.

- Nuchal thickness within normal limit measures 1 mm. Nasal bone is visualized measuring within normal limit 2 mm.
- Ductus venosus Shows continuous forward flow with normal spectral pattern.
- Thorax Normal cardiac situs & position. Four chambers view and out flow tract view appear normal. Both lungs were visualized. No evidence of pleural or pericardial effusion. No SOL seen in thorax. No obvious tricuspid regurgitation (TR) seen.

I, Dr. SUMIT KUMAR VERMA declare that while conducting USG on Mrs. kiran, I have neither declared nor disclosed the sex of her fetus to anybody in any manner

  
DR SUMIT KUMAR VERMA, MBBS, MD, PDCC

Consultant Radiologist.

REG. NO. MP-6795



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Government of India



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