



KALPATARU DIAGNOSTIC CEN

Dr. Apeksha Rathod

MBBS (MUHS Gold Medal)
MD Radiology (MUHS Silver Medal), DNB Radiology
FMP UK Certified for First Trimester Screening
For Medicine Expert
(FME) id: 250746

Sonography, Colour Doppler
& Digital X-Ray

Name of Pt : Mrs. Tejaswini Akash Mlsal

Ref BY : Dr Chandaliya madam

Dated : November 1, 2025

SONOGRAPHY OF GRAVID UTERUS

LMP:01/08/2025

GA(LMP): 13 wks 1 days

EDD by LMP: 08/05/20

Single viable intrauterine fetus is seen with **changing presentation** at the time of examination.
Fetal movements and cardiac pulsation are well appreciated. FHR: 169 bpm.

Placenta is anterior. Grade I maturity. Low lying 1.4 cm from os.

Liquor is adequate for gestational age.

Cervical length: 3.68 cm

FOETAL BIOMETRY:-

CRL: 6.85 cm corresponding to 13 wks 4 days

BPD: 2.29 cm corresponding to 13 wks 6 days

HC: 8.74 cm corresponding to 13 wks 6 days

AC: 6.30 cm corresponding to 13 wks 0 days

FML: 0.87 cm corresponding to 12 wks 4 days

These parameters correspond with sonic maturity of around 13 wks 2 day.

EFW is 70 gms

A. NT : well demonstrated. Thickness - 0.09 cm.

B. Other markers : 1. Nasal bones seen - 1.8 mm, is less than the 5th percentile
0.58 multiples of the median (MoM) (perinatology. com).

2. Limb buds normal.

C. Doppler : Ductus venosus flow normal.

D. No e/o tricuspid regurgitation.

PTO



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Sonography, Colour Doppler & Digital X-Ray

Fetal survey:

Head: cranial vault – normal. Midline Falx seen.

Choroid plexuses seen filling the ventricular cavity (butterfly sign)

Intracranial translucency – normal.

Facial profile : PMT seen.

Spine : intact overlying skin.

Chest: Symmetrical lung fields noted . No e/o effusion or masses.

Heart :cardiac activity regular. Four symmetrical chambers seen.

On color flow : two ventricular inflow s and two outflows tracts seen.

Abdomen : normal cord insertion. Stomach in left upper quadrant , bladder seen.

Extremities : four limbs each with three segments seen.

Uterine arteries :

Right : PI: 2.88

Left : PI: 2.01

Mean PI : 2.4— (97th percentile) pathological for gestational age.

Both uterine arteries show normal color flow and spectral waveform

No early diastolic notch seen.

OPINION : Single live intrauterine gestation with average sonic maturity of around

13 wks 2 day. EDD by USG: 07/05/2026

Raised mean uterine artery PI: risk of PIH explained.

GA assigned as per biometry.

Hypoplastic nasal bone.

CRL measures 6.85 cm. NT measures 0.09 cm (5th percentile for this CRL).

Suggested biochemical correlation and follow up at 16 weeks for NB.

Thanks for referral

All measurements including estimated fetal weight, are subject to statistical variations.
Not all anomalies can be detected on sonography.

First trimester screening and preeclampsia report attached -----PTO



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