



# Rathi Sonography & Doppler Centre

Dr. Nikita C. Rathi (Kabra)

MBBS (GMC, Nagpur)  
MD Radiodiagnosis (GMC, Aurangabad)

• Ultrasonography • Colour Doppler • Obstetric Scan • 3D/4D Scan

Name: Mrs. Damini Dinesh Khandare	Date: 15/11/2023
Ref. by: Dr. Suhasini Bhande Madam	Age & Sex: 22Y/F

## FIRST TRIMESTER ULTRASOUND (NT SCAN)

LMP: 30/07/2023

Menstrual age: 15wks 3days

EDD: 5/5/2024

Patient is counselled and informed about importance and limitations of this scan.

Poor sound penetration due to maternal body habitus.

**UTERUS-** Gravid and bulky.

- There is evidence of single regular intrauterine gestational sac with single embryo.
- Embryonic maturity-  
Crown-rump length (CRL)- 73.3mm corresponds to 13weeks 3days. EDD:19/5/2024
- Embryonic cardiac activity present and regular, measures 167beats/min
- Nuchal translucency measures 1.3mm.
- Nasal bone seen.
- Ductus venosus show normal flow. No reversal of 'a' wave.
- No evidence of tricuspid regurgitation.
- Bony calvarium appears intact. Midline falx seen.
- Intracranial translucency (IT) appears normal.
- Fetal heart: Normal in axis and position.
- Fetal stomach seen on left side. Anterior abdominal wall appears intact
- No evidence of megacystis.
- All four limbs seen.
- Placenta is posterior.
- Cervix measures 44mm. Internal os closed.
- No evidence of subchorionic collection.
- Right uterine artery PI:2.31                      Left uterine artery PI: 2.41
- Mean uterine artery PI:2.36 (More than 95th percentile)



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## IMPRESSION:

- Single live intrauterine pregnancy of gestation corresponding to 13 weeks 3 days (assigned as per CRL)
- EDD (as per CRL): 26/3/2024
- Mean uterine artery PI more than 95th percentile.

## RISK ESTIMATE FOR TRISOMIES (Age, NT and FHR) :

Trisomy 21	1 in 2500
Trisomy 18	1 in 10000
Trisomy 13	1 in 10000

Suggest double markers for first trimester combined screening of aneuploidies.

Suggest TIFFA (anomaly) scan at 20-22 weeks. Thanks for referral,

Declaration- I, Dr Nikita Rathi (Kabra), has neither detected nor revealed sex of fetus during sonography examination of the patient.

Dr. Nikita Rathi (Kabra)

Reg No. 2015/06/3873

(FMF certified, FMF ID:204605)