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|---------------------------------|----------------------------|
| Patient Name: SNEHA | Date: 29/03/2024 |
| Patient Id: 2775 | Age/Sex: 36 Years / FEMALE |
| Ref Phy: DR. ANURAG CHATURVEDI. | |

OBSTETRIC NT SCAN

| | | | |
|-----------------|----------------|------------|------------------------|
| LMP: 08-01-2024 | GA(LMP): 11w4d | AUA: 12w0d | EDD by LMP: 14-10-2024 |
|-----------------|----------------|------------|------------------------|

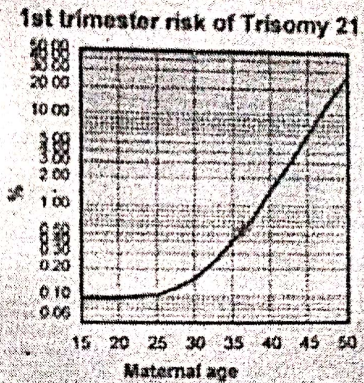
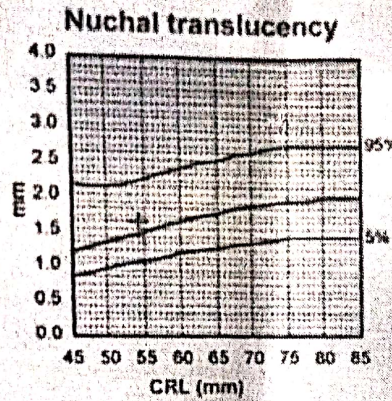
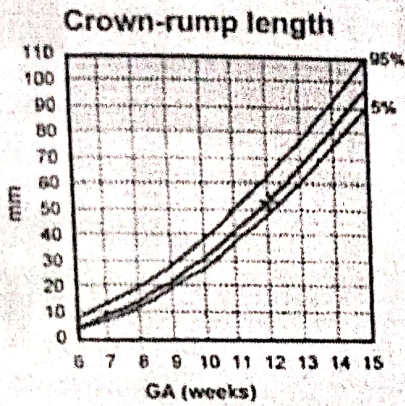
| Dating | LMP | GA | | EDD |
|--------|-----------------|-------|------|------------|
| | | Weeks | Days | |
| By LMP | LMP: 08/01/2024 | 11 | 4 | 14/10/2024 |
| By USG | | 12 | 0 | 11/10/2024 |

AGREED DATING IS (BASED ON LMP)

There is a single gestation sac in uterus with a single fetus within it.
 The fetal cardiac activities are well seen.
 Chorion frondosum/Placenta is anterior in nature. Placenta is low lying covering the internal os.
 Amniotic Fluid: Normal
 Internal os is closed and length of cervix is normal 3.9 cm.

| Embryonal Growth Parameters | mm | Weeks | Days |
|---|-------------------------|-------------------|------|
| Crown Rump Length | 54 | 12 | 0 |
| Heart Rate | 165 Beats Per Minute. | | |
| The Embryo attains 40 weeks of age on | 11/10/2024 | | |
| Nuchal Translucency | 1.7 mm 61% | +-----+-----+ | |
| Nasal Bone | 2.4 mm 37.7% | +-----+-----+ 38% | |
| All four Limbs appear to be developing, Nasal Triangle Integrity, Skull, Spine, Bladder, Stomach & Umbilical cord | Seen | | |
| Ductus Venosus Waveform | Normal waveform Pattern | | |

| Vessels | S/D | RI | PI | PI Percentile | Remarks |
|----------------------|------|------|------|---------------------|-----------------------------------|
| Right Uterine Artery | 4.24 | 0.76 | 1.63 | 39% +-----+-----+ | No early Diastolic notch seen |
| Left Uterine Artery | 3.25 | 0.69 | 1.28 | 10.4% +-----+-----+ | No early Diastolic notch seen |
| Mean Uterine Artery | | | 1.46 | 25% +-----+-----+ | Normal |
| Ductus venosus | 3.09 | 0.68 | 0.94 | | PSV=19.95 Normal waveform Pattern |



First trimester: Pre Ultrasound Maternal age risk for Trisomy21 is 1 in 196

| | |
|-----------|----------|
| T21 Risk | |
| From - NT | 1 in 700 |

CONCLUSION: SINGLE LIVE INTRAUTERINE FETUS OF 12 WEEKS 0 DAYS IS PRESENT.

- PLEASE CORRELATE WITH DUAL/TRIPLE MARKER TEST.

Suggested Anomaly scan at 19 weeks: 20/05/2024 ± 2 days

Please note that all anomalies can not be detected all the times due to various technical and circumstantial reasons like gestation period, fetal position, quantity of liquor etc. The present study can not completely confirm presence or absence of any or all the congenital anomalies in the fetus which may be detected on post natal period. Growth parameters mentioned herein are based on International Data and may vary from Indian standards. Date of delivery (at 40 weeks) is calculated as per the present sonographic growth of fetus and may not correspond with period of gestation by L.M.P. or by actual date of delivery. As with any other diagnostic modality, the present study should be correlated with clinical features for proper management. Except in cases of Fetal Demise or Missed Abortion, sonography at 20-22 weeks should always be advised for better fetal evaluation and also for base line study for future reference.

I, DR RUBY RAHUL declare that while conducting sonography on SNEHA (name of pregnant woman), I have neither detected nor disclosed the sex of the fetus to anybody in any manner.

To be correlated clinically.

DR RUBY RAHUL, DMRD
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