

Name	:	MRS. SHAHIN SHAHRUKH KAZI	Age/Sex	:	26 YEARS/F
Ref By	:	Dr. DEEPALI KHABALE MADAM	Date	:	20 Nov 2023

### OB – First Trimester Scan Report

*Indication:*

*First trimester screening*

*Real time B – mode ultrasonography of gravid uterus done.*

*Route – Trans abdominal*

*Single intrauterine gestation.*

*Maternal: Cervix Measures: 3.1 cm in Length.*

*Right adnexa seen*

*Left adnexa seen.*

*Fetus -  
Survey*

- *Placenta – Fundal Posterior, Reaching upto OS, Low Lying.*
- *Liquor – Normal*
- *Fetal activity present.*
- *Cardiac activity present.*
- *Fetal heart rate - 155 bpm.*

*Biometry –*

*LMP: 16 Aug 2023*

*EDD BY LMP – 22 May 2024*

*EDD BY USG – 21 May 2024*

<i>CRL : 7.9 cm</i>	<i>13 Weeks 6 Days</i>
<i>BPD : 2.4 cm</i>	<i>14 Weeks 0 Days</i>
<i>HC : 9.3 cm</i>	<i>14 Weeks 2 Days</i>
<i>FL : 1.1 cm</i>	<i>13 Weeks 2 Days</i>

*Aneuploidy Markers:*

- *Nasal Bone : Nasal bone seen measuring 2.4 mm.*
- *Nuchal translucency : 1.1 mm.*
- *Ductus venosus : Normal Flow.*
- *Tricuspid regurgitation : No evidence of tricuspid regurgitation.*

**Fetal Anatomy:**

- Head : seen , Spine : seen , Face : seen , Heart : cardiac activity seen.
- Abdomen: stomach seen, KUB seen.
- Extremities: extremities visible.
- Face: Both orbits and premaxillary triangle seen.

**IMPRESSION:**

- 1) **SINGLE LIVE INTRAUTERINE GESTATION CORRESPONDING TO GESTATIONAL AGE OF 13 WEEKS 6 DAYS +/- 1 WEEKS 0 DAYS.**
- 2) **PLACENTA – FUNDAL POSTERIOR, REACHING UPTO OS, LOW LYING.**
- 3) **LIQUOR – NORMAL**

- All congenital anomalies/malformations are not be detected on USG. (RCNA, JAN. 1990, VOL. 28 ) Advice anomaly scan at 19-20 weeks for detail evaluation.
- I Dr. Rohit V Kandalkar declare that while conducting ultrasonography/image scanning of this patient MRS. SHAHIN SHAHRUKH KAZI, I have neither detected nor disclosed the sex of fetus to anybody in any manner.

*The detection rate of chromosomal abnormalities with various screening test are as follows:*

- First Trimester NT scan only – 75 %.
- First Trimester Combined (NT + Maternal Blood test) – 80 – 85 %)
- First Trimester Combined Test with 1T Quad Marker – Early screening for aneuploidies + Fetal NTDs + Maternal PE – 90 %
- Sequential Screening (Combined + 2<sup>nd</sup> Trimester Quadruple test at 15 – 19 Weeks + Anomaly scan at 18 – 20 weeks – 95 %)
- Invasive testing (CVS/Amniocentesis) which is definitive test, however related risk of miscarriage is about 1:300.

**MANY THANKS FOR REFERRAL,**

DR. ROHIT KANDALKAR  
MBBS, DMRE  
MF (London) Certified  
Sonologist - 168675

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*Shahin Kazi*  
SIGN OF PATIENT