

**LUTHRA 4D ULTRASOUND, COLOR DOPPLER AND FOETAL MEDICINE CENTRE**  
 11-12, Doctor's Enclave, Residency Road, Sadar, Nagpur  
 Ph : Clinic : 0712 - 2553415, 9921249694

Patient name	Mrs. INAYA SHAIKH	Age/Sex	34 Years / Female
Patient ID	E09603-24-05-22-16	Visit no	1
Referred by	Dr. MRS. NAHEED KHAN, MD	Visit date	22/05/2024
LMP date	26/02/2024, LMP EDD: 02/12/2024		

**OB - First Trimester Scan Report**

Real time B-mode ultrasonography of gravid uterus done.

Route: Transabdominal and Transvaginal

Single intrauterine gestation

**Maternal**

Cervix measured 3.70 cms in length.

Right Uterine	1.27	↔●← (19%)
Left Uterine	1.28	↔●← (20%)
Mean PI	1.275	↔●← (20%)

**Fetus**

**Survey**

Placenta	:	Anterior
Liquor	:	Normal
Umbilical cord	:	3 vessel cord is seen with normal cord insertion.
Fetal activity	:	Fetal activity present
Cardiac activity	:	Cardiac activity present Fetal heart rate - 168 bpm

**Biometry(Hadlock,Mediscan, Unit: mm)**

CRL	57.3, 12W 1D	↔●← (40%)
BPD	20, 13W 1D	↔●← (10%)

**Fetal doppler**

Ductus Venosus PI	1.03	↔↔↔●
IT - 1.5 mm		
BSOB ratio - 0.3 mm		

**Aneuploidy Markers (mm)**

Nasal Bone	Normal
NT	1.4      ↔●← (36%) Normal
Ductus Venosus	Normal flow

**Fetal Anatomy**

**Head**

Normal shape and calvarial ossification.

Midline falk seen and choroid plexus filled ventricles noted. Intracranial translucency is normal.

**Neck-**

Normal

**Face-**

Median face profile is normal. Both orbits and lens seen.

Nasal bone present.

Retronasal triangle is normal.

**Thorax-**

Lung fields are symmetrical. No mass or effusion.

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**Heart-**

Normal size, shape, position and axis.  
Two inflows and two outflow noted.  
No evidence of tricuspid regurgitation.  
3VT appears normal on color imaging.

**Spine-**

Spine to the extent visualised, appears normal. Please note that there may be suboptimal visualisation of the spine in first trimester due to unfavourable foetal position, decreased ossification and maternal body habitus.

**Abdomen-**

Stomach seen in left upper quadrant.  
Bladder is normal.  
No ascites.

**Limbs-**

All four limbs seen.  
Bone echogenicity is normal.  
Digits not counted.

**Impression**

Intrauterine gestation corresponding to a gestational age of 12 Weeks 2 Days  
Gestational age assigned as per LMP  
Placenta - Anterior  
Liquor - Normal

Review after 10 days for spine and early cardiac imaging.

**First trimester screening for Downs**

**Maternal age risk 1 in 372**

Fetus	Risk estimate - NT	Risk estimate - NT + NB
1	1 in 1860	1 in 6200

**Disclaimer**

Dr. Kavita Luthra, declare that while conducting this ultrasound, sex of the fetus is not disclosed or mentioned to anybody in any manner.

**R. KAVITA LUTHRA.**

**D. RADIO-DIAGNOSIS**

**MC REG NO 67894**

**IPNDT REG. NO. 35**

**FOR GIRL CHILD.**

**Y NO TO FEMALE FOETICIDE.**