



Neptune Diagnostic Center

Advance Ultrasound | Color Doppler | 3D, 4D Scan | Infertility Screening

Dr. Mubashshera Aafreen

MBBS, DMRE (Radiology)
Fellowship in Advance Ultrasound
MMC Reg. No. 2015/09/4555
Cert. No.: 2808/2019

Name of Patient:	Mrs. ANAM ZAKI UDDIN PATEL	Date:	23-May-24
Age:	24 Years	Study:	NT SCAN
Sex:	Female	Referred By:	Dr. MUBASHSHERA AAFREEN

NT SCAN

LMP- 09-Feb-24

GA- 14 weeks 6 days

EDD- 15-Nov-24

Delayed conception

A B-mode real-time obstetric scan was performed.

GENERAL SCAN

There is a **single** intra-uterine gestational sac with a single fetus.
The fetus shows **spontaneous movements and heartbeat**.

The **placenta** is global

The **liquor** is adequate

Fetal heart rate = 149 bpm

BIOMETRY

Crown Rump Length	73 mm		13 weeks 3 days
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ESTIMATION OF GESTATIONAL AGE:-

Estimated gestational age assigned as per biometry = 13 weeks 3 days +/- 2 weeks.
US-EDD assigned as per biometry = 25-Nov-24 +/- 2 weeks

ULTRASOUND PARAMETERS :-

1. Nuchal translucency = 1.6 mm
2. Intracranial translucency is seen.
3. Nasal bone was present.
4. Ductus Venosus Doppler PI = 0.9
5. No evidence of tricuspid regurgitation

FETAL ANATOMICAL SURVEY:

BRAIN:

Skull	- Seen - Normal and smooth
Midline falx	- Seen - Normal.
Choroid Plexi	- Seen - Normal.

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No identifiable intra-cranial lesion noted.

NECK: - Seen - Normal.
No cystic lesion noted around the neck.

FACE:
Orbits - Seen - Normal

SPINE: - Seen - Normal

HEART:
Rate & rhythm - Normal
Cardiac situs - Normal
4 - Chamber view - Seen - Normal.
Axis - Normal

UMBILICAL CORD:
The umbilical cord contains 3 vessels.
Entry site of the umbilical cord is normal ----- no omphalocele.

ABDOMEN:
Abdominal situs - Normal
Stomach - Seen - Normal
Bowels - Seen - Normal
Umbilical cord insertion - Seen - Normal
Urinary bladder - Seen - Normal (< 7 mm)

LIMBS:
Upper limbs : - Seen - Present

Lower limbs : - Seen - Present

	Pulsatility Index	Comment
Right uterine artery	0.9	---
Left uterine artery	0.6	---
Mean uterine artery	0.75	within normal limits

CERVICAL REGION:
The cervix measures 3.8 cms in length.
The internal os is closed.

IMPRESSION:

A single intra uterine pregnancy of 13 weeks 3 days . USG

No fetal anatomical abnormality was noted.

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NEPTUNE DIAGNOSTIC CENTER
Patient Name: Mrs. ANAM ZAKI UDDIN PATEL



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The internal os is closed.

Nuchal translucency = 1.6 mm

Mean uterine artery PI is within normal limits.

SUGGEST:-

- 1) Serum beta hCG and PAPPa assay may be done to improve the detection rate of the screening test.
- 2) To improve sensitivity of the combined test, "Integrated test" may be done by doing quadruple marker test in the second trimester (16 weeks) and modifying the risk of the 1st trimester screening.

DECLARATION:-

I Dr. Mubashshera Aafreen declare what while conducting ultrasonography scanning ANAM ZAKI UDDIN PATEL. I have neither detected nor disclosed the sex of her fetus to anybody in any manner.

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