

DR. ANKITA VIJAYVARGIYA
MBBS, DMRD
MFRC Certified from
Fetal Medicine Foundation
Reg. No. MF-8932

MRI FELLOWSHIPS:
• HANAVAT HOSPITAL, MUMBAI
• HINDUJA HOSPITAL, MUMBAI
FORMER RADIOLOGIST AT:
• FORTIS HOSPITAL, NOIDA
• G T B HOSPITAL, DELHI
• REGENCY HOSPITAL LTD, KANPUR
• JAWAHAR LAL NEHRU CANCER HOSPITAL, BHOPAL

PATIENT NAME: MRS. RANI

BY DR. PUJA SINGH (MBBS, DGO)

AGE/SEX: 25Y/F

DATE: 17.11.2025

OBSTETRIC USG (EARLY ANOMALY SCAN)

(IMP: 13.08.2025)

GA(LMP): 13wk 5d

EDD: 20.05.2026

single live fetus seen in the intrauterine cavity in variable presentation.
Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 156 beats/min.
PLACENTA is grade I, anterior & not low lying.
LIQUOR is adequate for the period of gestation.

fetal morphology for gestation appears normal.

- Cranial ossification appears normal. Midline falx is seen. Choroid plexuses are seen filling the lateral ventricles. No posterior fossa mass seen. Spine is seen as two lines. Overlying skin appears intact.
- No intrathoracic mass seen. No TR.
- Stomach bubble is seen. Bilateral renal shadows is seen. Anterior abdominal wall appears intact.
- Urinary bladder is seen, appears normal. 3 vessel cord is seen.
- All four limbs with movement are seen. Nasal bone well seen & appears normal. Nuchal translucency measures 1.7 mm (WNL).
- Ductus venosus shows normal flow & spectrum with positive "a" wave (PI ~ 0.69)

FETAL GROWTH PARAMETERS

CRL	78.6	mm	~	13	wks	6 days of gestation.
-----	------	----	---	----	-----	----------------------

Estimated gestational age is 13 weeks 6 days (+/- 1 week). EDD by USG: 19.05.2026
Internal os closed. Cervical length is WNL (36.1 mm).

Baseline screening of both uterine arteries was done with mean PI ~ 2.00 (WNL for gestation).
Date of last delivery 02.01.2021.

Gestation at delivery of last pregnancy 41 weeks 2 days.

SESSION:

- Single, live, Intrauterine fetus of 13 weeks 6 days +/- 1 week.
- Gross fetal morphology is within normal limits.

Follow up at 19-22 weeks for target scan for detailed fetal anomaly screening.

DISCLOSURE: I have neither detected nor disclosed the sex of the fetus to pregnant woman or to anybody. (It must be noted that fetal anatomy may not always be visible due to technical difficulties related to fetal position, amniotic fluid volume, fetal movements, maternal abdominal wall thickness & tissue ecogenicity. Therefore all fetal anomalies may not be detected at every examination. Patient has been counselled about the abilities & limitations of this examination.)

(DR. ANKITA VIJAYVARGIYA)

DR. ANKITA VIJAYVARGIYA

MBBS, DMRD

FME Certified from
Fetal Medicine Foundation
Reg. No. MP-4932

MRI FELLOWSHIPS :

- HAHAVATH HOSPITAL, MUMBAI
- HINDUJA HOSPITAL, MUMBAI
- FORMER RADIOLOGIST AT
- FORTIS HOSPITAL, NOIDA
- G T B HOSPITAL, DELHI
- REGENCY HOSPITAL LTD, KANPUR
- JAWAHAR LAL NEHRU CANCER HOSPITAL, BHOPAL

PATIENT'S NAME : MRS. RAJINI

BY DR. PUJA SINGH (MBBS, DGO)

AGE/SEX : 25Y/F

DATE : 17.11.2025

OBSTETRIC USG (EARLY ANOMALY SCAN)

LMP: 13.08.2025

GA(LMP): 13wk 5d

EDD : 20.05.2026

single live fetus seen in the intrauterine cavity in variable presentation.
Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 156 beats/min.
PLACENTA: is grade I, anterior & not low lying.
LIQUOR: is adequate for the period of gestation.

fetal morphology for gestation appears normal.

- Cranial ossification appears normal. Midline falx is seen. Choroid plexuses are seen filling the lateral ventricles. No posterior fossa mass seen. Spine is seen as two lines. Overlying skin appears intact.
- No intrathoracic mass seen. No TR.
- Stomach bubble is seen. Bilateral renal shadows is seen. Anterior abdominal wall appears intact.
- Urinary bladder is seen, appears normal. 3 vessel cord is seen.
- All four limbs with movement are seen. Nasal bone well seen & appears normal. Nuchal translucency measures 1.7 mm (WNL).
- Ductus venosus shows normal flow & spectrum with positive "a" wave (PI ~ 0.69)

FETAL GROWTH PARAMETERS

CRL 78.6 mm ~ 13 wks 6 days of gestation.

Estimated gestational age is 13 weeks 6 days (+/- 1 week). EDD by USG : 19.05.2026
Internal os closed. Cervical length is WNL (36.1 mm).

Baseline screening of both uterine arteries was done with mean PI ~ 2.00 (WNL for gestation).
Date of last delivery 02.01.2021 .

Gestation at delivery of last pregnancy 41 weeks 2 days.

SESSION:

- Single, live, Intrauterine fetus of 13 weeks 6 days +/- 1 week.
- Gross fetal morphology is within normal limits.

Follow up at 19-22 weeks for target scan for detailed fetal anomaly screening.

DISCLOSURE: I have neither detected nor disclosed the sex of the fetus to pregnant woman or to anybody. (It must be noted that fetal anatomy may not always be visible due to technical difficulties related to fetal position, amniotic fluid volume, fetal movements, maternal abdominal wall thickness & tissue echogenicity. Therefore all fetal anomalies may not be detected at every examination. Patient has been counselled about the abilities & limitations of this examination.)

(DR. ANKITA VIJAYVARGIYA)

First Trimester Screening Report

Solanki Rajni

Date of birth : 20 July 2000, Examination date: 17 November 2025

Address: hno. AM- 206, gourav nagar
kolar road bhopal
Bhopal
INDIA

Referring doctor: Dr. PUJA SINGH (MBBS , DGO)

Maternal / Pregnancy Characteristics:

Racial origin: South Asian (Indian, Pakistani, Bangladeshi).

Parity: 1; Deliveries at or after 37 weeks: 1.

Maternal weight: 68.0 kg; Height: 167.6 cm.

Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: dont know; Antiphospholipid syndrome: dont know; Preeclampsia in previous pregnancy: no; Previous small baby: no; Patient's mother had preeclampsia: no.

Method of conception: Spontaneous;

Last period: 13 August 2025

EDD by dates: 20 May 2026

First Trimester Ultrasound:

US machine: GE Voluson S8. Visualisation: good.

Gestational age: 13 weeks + 5 days from dates

EDD by scan: 20 May 2026

Findings

Alive fetus

Fetal heart activity

visualised

Fetal heart rate

156 bpm

Crown-rump length (CRL)

78.6 mm

Nuchal translucency (NT)

1.7 mm

Ductus Venosus PI

0.690

Placenta

anterior high

Amniotic fluid

normal

Cord

3 vessels

Chromosomal markers:

Nasal bone: present; Tricuspid Doppler: normal.

Fetal anatomy:

Skull/brain: appears normal; Spine: appears normal; Heart: No TR.; Abdominal wall: appears normal; Stomach: visible; Hands: both visible; Feet: both visible.

Uterine artery PI: 2.00 • equivalent to 1.360 MoM

Mean Arterial Pressure: 84.6 mmHg equivalent to 0.990 MoM

Endocervical length: 36.1 mm

Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 987	1: 19747
Trisomy 18	1: 2575	<1: 20000
Trisomy 13	1: 8030	<1: 20000
Preeclampsia before 34 weeks		1: 1336