

Consultation fee valid for 3 visits/15 days whichever is earlier in routine hours only (Monday to Saturday)



me : MRS. RANI KUSHWAHA

**Age/Sex :** 33 Years / Female

LH-A-010441

Address : Gourav Nagar Kolar Road

Mobile No.: 9752283939

Date : 29-Jul-2024

Adm  
Donald  
"Markie"  
JUL 8

8

BP - 111/63  
Pulse - 89/mt  
SpO<sub>2</sub> - 98%.  
Cst - 56.4 kg  
1214m

in Park Dukovani 2005

o PAB Wroclaw (m)

o ~~Re~~ Absent from 100

2-2 hours Harper's by  
3m- Fawcett

10 }

Some of  
my work

1

**DR. ANKITA VIJAYVARGIYA**  
MBBS, DMRD

Reg. No. MP-8932

FORMER RADIOLOGIST AT:

- FORTIS HOSPITAL, NOIDA
- G.T.B HOSPITAL, DELHI
- REGENCY HOSPITAL LTD, KANPUR
- JAWAHAR LAL NEHRU CANCER HOSPITAL, BHOPAL



DIAGNOSTICS & IMAGING

FMF CERTIFIED FROM  
FETAL MEDICINE FOUNDATION

- FOR NT/NB SCAN
- FOR PRE - ECLAMPSIA SCREENING

MRI FELLOWSHIPS :

- NANAVATI HOSPITAL, MUMBAI
- HINDUJA HOSPITAL, MUMBAI

PATIENT'S NAME : MRS. RANI

REF. BY : DR. POOJA SHRIVASTAVA ( MBBS, MS )

AGE/SEX : 32 Y/F

DATE : 24.07.2024

### OBSTETRIC USG ( EARLY ANOMALY SCAN ) WITH PRE-ECLAMPSIA SCREENING

LMP: 24.04.2024

GA (LMP) : 13wk 0d

EDD : 29.01.2025

- Single live fetus seen in the intrauterine cavity in variable presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 150 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.
- Both orbits & lens seen. PMT is 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 1.9 mm ( WNL ).
- Ductus venosus shows normal spectrum with positive "a" wave ( PI ~ 1.0 ).

#### FETAL GROWTH PARAMETERS

CRL	69.0	mm	~	13	wks	1	days of gestation.
Estimated gestational age is 13 weeks 1 days (+/- 1 week). EDD by USG : 28.01.2025							
Internal os closed. Cervical length is WNL ( 33.7 mm ).							
Baseline screening of both uterine arteries was done & reveals mean PI of ~ 2.56 ( WNL for gestation )							
Date of Last Delivery 15.07.2020							
Gestation at delivery of last pregnancy 40 weeks 1 days .							

#### IMPRESSION:

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

Follow up at 19-20 weeks for target scan for detailed fetal anomaly screening.

Declaration : I have neither detected nor disclosed the sex of the fetus to pregnant woman or to anybody. (It must be noted that detailed 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 capabilities & limitations of this examination.)

( DR. ANKITA VIJAYVARGIYA )

# First Trimester Screening Report

Kushwaha Rani

Date of birth : 19 February 1991, Examination date: 24 July 2024

Address: h.no. 202 gaurav nagar kolar  
road bhopal  
BHOPAL  
INDIA

Referring doctor: DR. POOJA SHRIVASTAVA ( MBBS, MS )

## Maternal / Pregnancy Characteristics:

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

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

Maternal weight: 56.0 kg; Height: 160.0 cm.

Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: don't know; Antiphospholipid syndrome: don't know; Preeclampsia in previous pregnancy: no; Previous small baby: no; Patient's mother had preeclampsia: no.

Method of conception: Spontaneous;

Last period: 24 April 2024

EDD by dates: 29 January 2025

## First Trimester Ultrasound:

US machine: phillips affinity 50. Visualisation: good.

Gestational age: 13 weeks + 0 days from dates

EDD by scan: 29 January 2025

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	150 bpm	150 bpm
Crown-rump length (CRL)	69.0 mm	69.0 mm
Nuchal translucency (NT)	1.9 mm	1.9 mm
Ductus Venosus PI	1.000	1.000
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; Bladder / Kidneys: visible; Hands: both visible; Feet: both visible; Both orbits & lens seen. PMT is intact.

Uterine artery PI:	2.56	equivalent to 1.620 MoM
Mean Arterial Pressure:	81.6 mmHg	equivalent to 0.990 MoM
Endocervical length:	33.7 mm	

## Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 385	1: 7697
Trisomy 18	1: 963	1: 5410

172-mm. ~~Reactive~~ ~~Marker~~

Marker

WT-50-4

Height  $\rightarrow$  5.3.2m

D.O.B.  $\rightarrow$  19/02/1991