

Dr. Pooja Srivastava

MBBS  
MS (Obstetrics & Gynaecology)  
Reg No. MP-4298

Trained in : Gynaecological Endoscopy Laparoscopy & Hysteroscopy, Obstetric & Gynaecological Ultrasonography Laparoscopic sterilization & Family Planning



- Ex. Resident Gynaecologist M.Y. Hospital, Indore
- Trained in Obstetric Ultrasonography, Wadia Hospital Mumbai
- Ex. Consultant Gynaecologist and Sonologist Urban R.R.C. programme, J.P. Hospital, Bhopal.

### Obstetrician & Gynaecologist

Reg. No. MP-4298



LH-A-000895

Date : 25-Jun-2022

Name : MRS. PRAGYA MISHRA

Age/Sex : 32 Years / Female

Address : Kolar Road

Mobile No.: 9131052951

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Sunday - By prior Appointment only



## Lotus Hospital

**LOTUS HOSPITAL**  
M-351, Rajharsh Colony, Nayapura, Kolar main road, Bhopal  
Ph.: 0755-4093322, 2410500, 6262093322

**BHOPAL CITY CLINIC**  
3559, Opp. Govt. PHC, Misrod Main Road, Bhopal  
Ph.: 0755-4093322, 6262093322 **Signature:**

### FIG. 6155 (Continued)

Signature

## आंकिता विजयवर्गीय

एम. बी. बी. एम., डॉ. एम. आर. बी.  
एम. आर. आर्ट. फेलोशिप:  
नानावटी हास्पिटल, मुंबई  
हिंदूजा हास्पिटल, मुंबई  
पूर्व रेडियोलॉजिस्ट:  
प्रोटेस हास्पिटल, चौपटा  
जी. बी. बी. हास्पिटल, दिल्ली  
सिंहोंस हास्पिटल लिमिटेड, कानपुर  
जलाहर लाल नेहरू फैसल हास्पिटल, भोपाल

PATIENT'S NAME : MRS. PRAGYA

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

## DR. ANKITA VIJAYVARGIYA MBBS, DMRD

### MRI FELLOWSHIPS :

- NANAVATI 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

AGE/SEX : 32Y/F

DATE : 25.06.2022

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

LMP: 21.03.2022

GA(LMP) : 13wk 5d

EDD : 26.12.2022

- Single live fetus seen in the intrauterine cavity in variable presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 175 beats /min.
- PLACENTA: is grade I, high 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 2.0 mm ( WNL ).
- Ductus venosus shows normal flow & spectrum with positive "a" wave ( PI ~ 0.80 )

#### FETAL GROWTH PARAMETERS

• CRL	77.0	mm	~	13	wks	6 days of gestation.
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- Estimated gestational age is 13 weeks 6 days (+/- 1 week). EDD by USG : 25.12.2022
- Internal os closed. Cervical length is WNL ( 31.5 mm ).
- Baseline screening of both uterine arteries was done with mean PI ~ 1.48 ( WNL for gestation ).

#### IMPRESSION:

- ↓ 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.

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

Mishra Pragya

Date of birth : 07 September 1990, Examination date: 25 June 2022

Address: A-5 ashima heights , kolar  
road  
Bhopal  
INDIA

Referring doctor: DR. (MS) POOJA SHRIVASTAVA

### Maternal / Pregnancy Characteristics:

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

Parity: 0.

Maternal weight: 63.0 kg; Height: 162.0 cm.

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

Method of conception: Spontaneous;

Last period: 21 March 2022

EDD by dates: 26 December 2022

### First Trimester Ultrasound:

US machine: logiq f6. Visualisation: good.

Gestational age: 13 weeks + 5 days from CRL

EDD by scan: 26 December 2022

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	175 bpm	—————•—————
Crown-rump length (CRL)	77.0 mm	—————•—————
Nuchal translucency (NT)	2.0 mm	
Ductus Venosus PI	0.800	—————•—————
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.

Uterine artery PI: 1.48 equivalent to 0.990 MoM

Mean Arterial Pressure: 97.0 mmHg equivalent to 1.150 MoM

Endocervical length: 31.5 mm

### Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 522	1: 10437
Trisomy 18	1: 1352	<1: 20000
Trisomy 13	1: 4218	1: 1273
Preeclampsia before 34 weeks		1: 158

## First Trimester Screening Report

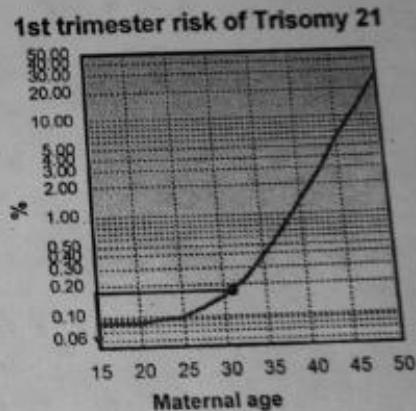
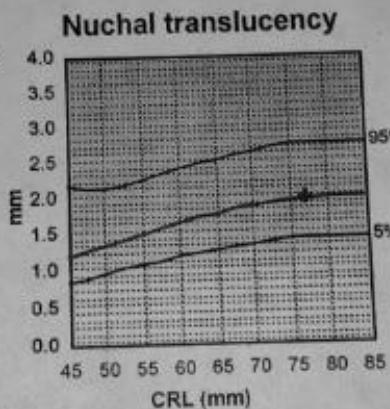
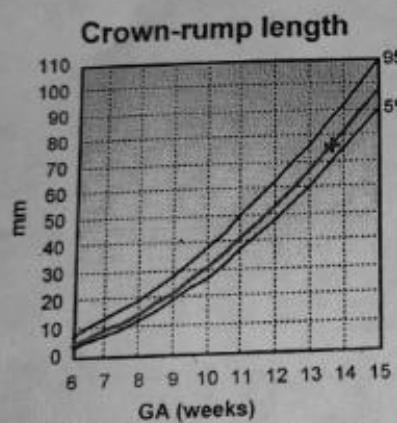
Fetal growth restriction before 37 weeks

1: 133

The background risk for aneuploidies is based on maternal age (31 years). The adjusted risk is the risk at the time of screening, calculated on the basis of the background risk and ultrasound factors (fetal nuchal translucency thickness, nasal bone, tricuspid Doppler, ductus venosus Doppler, fetal heart rate).

Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history, uterine artery Doppler and mean arterial pressure (MAP). The adjusted risk for PE < 34 weeks or the adjusted risk for FGR < 37 weeks is in the top 10% of the population. The patient may benefit from the prophylactic use of aspirin. All biophysical markers are corrected as necessary according to several maternal characteristics including racial origin, weight, height, smoking, method of conception and parity.

The estimated risk is calculated by the FMF-2012 software (version 2.81) and is based on findings from extensive research coordinated by the Fetal Medicine Foundation (UK Registered charity 1037116). The risk is only valid if the ultrasound scan was performed by a sonographer who has been accredited by the Fetal Medicine Foundation and has submitted results for regular audit (see [www.fetalmedicine.com](http://www.fetalmedicine.com)).



DR.ANKITA SONOGRAPHY PRAGYA, 32Y F.  
25/06/22 05:36:33PM ADM 250622-053524PM



CRL 7.70 cm 13w6d

MI 1.2 Tis 0.6 4C  
13w5d LMP OB-1  
FR 34  
AO% 100  
CHI  
Frg 4.0  
GII 37  
SIA 44  
MFD 70  
D 12.0  
DR 72

DR.ANKITA SONOGRAPHY PRAGYA, 32Y F.  
25/06/22 05:36:52PM ADM 250622-053524PM



1 L 3.15 cm

DR.ANKITA SONOGRAPHY PRAGYA, 32Y F.  
25/06/22 05:37:22PM ADM 250622-053524PM



Rt Prox. UI PS 65.5 cm/s  
Rt Prox. UI ED 17.0 cm/s  
Rt Prox. UI PI 1.47  
Rt Prox. UI RI 0.74

MI 0.5 Tis 1.0 4C  
13w5d LMP OB-1  
FR 12  
AO% 100  
CHI  
Frg 4.0  
GII 37  
SIA 44  
MFD 70  
D 12.0

DR.ANKITA SONOGRAPHY PRAGYA, 32Y F.  
25/06/22 05:37:47PM ADM 250622-053524PM



PS 133.7 cm/s  
ED 39.0 cm/s  
PI 1.49  
RI 0.71

CF  
Frg 2.8  
GII 29.5  
PRF 2.2  
MFD 262

PW  
Frg 2.5  
GII 42  
PRF 0.7  
MFD 100  
SV 2  
SVD 9.2

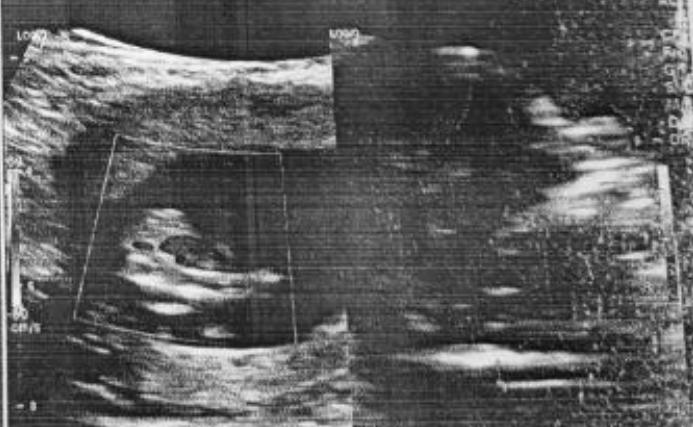
-100 -50 0 50 100 cm/s

DR.ANKITA SONOGRAPHY PRAGYA, 32Y F.  
25/06/22 05:38:16PM ADM 250622-053524PM



MI 1.2 Tis 0.6 4C  
13w5d LMP OB-1  
FR 34  
AO% 100  
CHI  
Frg 4.0  
GII 37  
SIA 44  
MFD 70  
D 12.0  
DR 72

DR.ANKITA SONOGRAPHY PRAGYA, 32Y F.  
25/06/22 05:38:01PM ADM 250622-053524PM



1 L 0.20 cm

DR.ANKITA SONOGRAPHY PRAGYA, 32Y F.  
25/06/22 05:41:30PM ADM 250622-053524PM

ME  
40.9 cm/s  
MS 20.1 cm/s  
Ref. 0.80  
Rel. 0.51



MI 9.1 Tib 0.5 AC  
13w5d:LUP OB-1

FR 100  
AO% 100  
CHI 4.9  
FRI 4.7  
Gn 11.0  
SIA 3.8  
Map 4.9  
D 11.0  
DR 5.2

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