

Dr. Pooja Shrivastava

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

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



- Ex. Resident Gynaecologist MY Hospital Indore.
- Trained in Obstetric Ultrasonography, Wadia Hospital Mumbai.
- Ex. Consultant Gynaecologist and Sonologist Urban RCH programme J P Hospital, Bhopal.

Obstetrician & Gynaecologist



LH-A-000355

Date: 22-Mar-2022

Name : MRS. SWATI UMESH SONTAKKE

Age/Sex : 30 Years / Female

Address : 5/2 Sarvajan Colony Kolar Road

Mobile No.: 9406718138

B.P - 101/61  
Pulse - 84b/min  
SpO2 - 98%  
Temp - 97.4 F  
wt - 48.5 kg

Dr. Pooja Shrivastava  
MS (Obstetrics & Gynaecology)  
Reg No. MP-4298  
Kolar Road  
Bhopal

Adm  
Dr. Pooja Shrivastava  
MS (Obstetrics & Gynaecology)  
Reg No. MP-4298  
on 4/4/22

Swati

Dr. Pooja Shrivastava  
MS (Obstetrics & Gynaecology)  
Reg No. MP-4298  
on 25/3/22

In Emergency Call : 9425005377

Sunday - By prior Appointment only

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LOTUS HOSPITAL

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**डॉ. अंकिता विजयवर्गीय**  
 MBBS, DMRD  
 FMF Certified from  
 Fetal Medicine Foundation  
 Reg. No. MP-8532

**DR. ANKITA VIJAYVARGIYA**  
 MBBS, DMRD  
 MRI FELLOWSHIP :  
 • NAAVATI 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 : 30Y/F

PATIENT'S NAME : MRS. SWATI

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

DATE : 04.04.2022

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

LMP: 02.01.2022

GA(LMP):13wk 1d

EDD : 09.10.2022

- Single live fetus seen in the intrauterine cavity in variable presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 163 beats /min.
- PLACENTA: is grade I, high posterior & 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 1.7 mm (WNL).
- Ductus venosus shows normal flow & spectrum with positive "a" wave (PI ~ 0.8)

**FETAL GROWTH PARAMETERS**

▪ CRL 64.9 mm ~ 12 wks 6 days of gestation.

- Estimated gestational age is 12 weeks 6 days (+/- 1 week). EDD by USG : 11.10.2022
- Internal os closed. Cervical length is WNL (39.5 mm).
- Baseline screening of both uterine arteries was done with mean PI ~ 1.57 (WNL for gestation).
- Date Of Last Delivery 29.12.2014
- Gestation at delivery of last pregnancy 39 weeks 2 days..

**IMPRESSION:**

- Single, live, intrauterine fetus of 12 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)

Shop No. 22/23, Lower Ground Floor (Basement) C.I. Square Mall, Kolar Road, Bhopal  
 Mob.: 9648844111, 7379330099



## First Trimester Screening Report

Sontakke Swati

Date of birth : 25 May 1991, Examination date: 04 April 2022

Address: hno.5/2,sarvajan colony kolar  
road  
Bhopal  
INDIA

Referring doctor: DR. (MS) POOJA SHRIVASTAVA

### Maternal / Pregnancy Characteristics:

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

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

Maternal weight: 49.0 kg; Height: 153.0 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: 02 January 2022

EDD by dates: 09 October 2022

### First Trimester Ultrasound:

US machine: logiq f6. Visualisation: good.

Gestational age: 13 weeks + 1 days from dates

EDD by scan: 09 October 2022

Findings	Alive fetus	
Fetal heart activity	visualised	
Fetal heart rate	163 bpm	
Crown-rump length (CRL)	64.9 mm	
Nuchal translucency (NT)	1.7 mm	
Ductus Venosus PI	0.800	
Placenta	posterior 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:	1.57	equivalent to 0.960 MoM
Mean Arterial Pressure:	86.6 mmHg	equivalent to 1.070 MoM
Endocervical length:	39.5 mm	

### Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 584	1: 11672
Trisomy 18	1: 1432	<1: 20000
Trisomy 13	1: 4491	<1: 20000
Preeclampsia before 34 weeks		1: 1509

## First Trimester Screening Report

Fetal growth restriction before 37 weeks

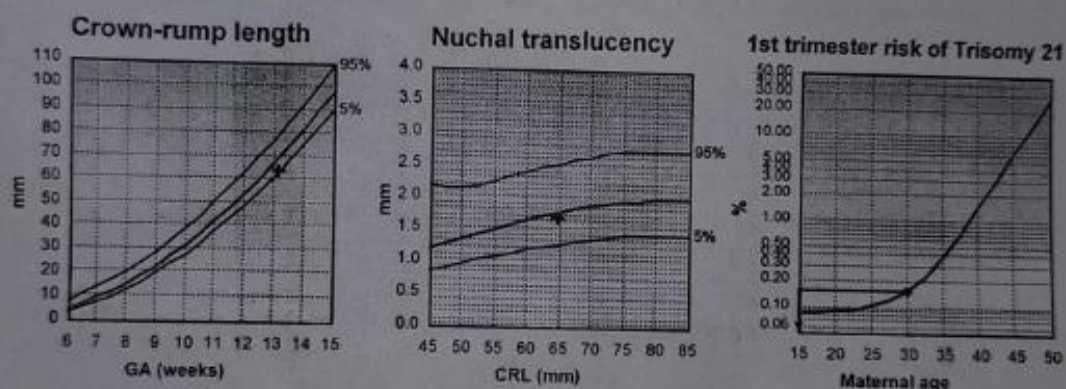
1: 212

The background risk for aneuploidies is based on maternal age (30 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).

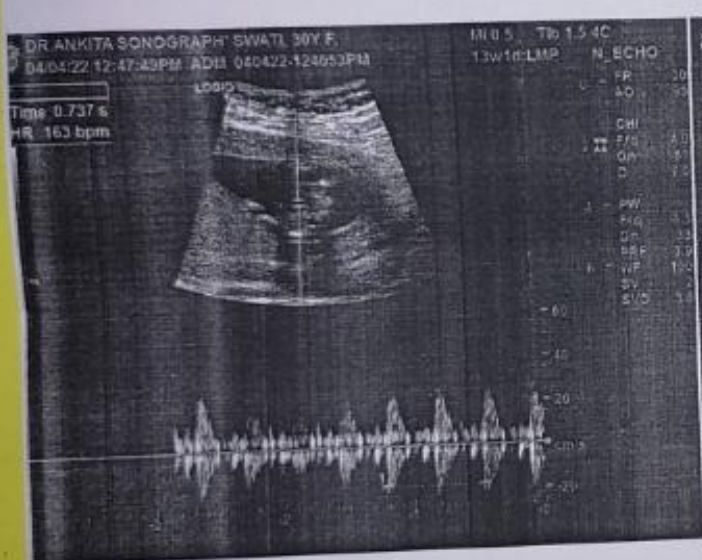
All biophysical markers are corrected as necessary according to several maternal characteristics including racial origin, weight, height, smoking, method of conception and parity.

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)).





98/59  
-90 hr  
99-1  
100



DR. ANKITA SONOGRAPH: SWATI, 30Y F.  
04/04/22 12:48:12PM ADM 040422-124053PM

13w1d LMP

Origin	LMP	LMP 02/01/2022	BBT	GA 13w1d	EDD(LMP) 09/18/2022
Petus A/I			CUA 12w6d-1w1d		EDD(CUA) 11/19/2022
Petus Pos			PLAC		Page 1/1

B Mode Measurements		Arg	12w6d	12w10-13w0d
CRL(Hadlock)	6.49 cm	6.49		
NT	0.17 cm	0.17		

Doppler Measurements		Max
OB-2/3		
Time	0.737 s	0.737
HR	163 bpm	163