



Referring Dr :- Dr. Mrs. Aparna Dewalkar, MBBS DGO

Patient ID: E52563-25-04-22-9

Date 21-05-2025

### First Trimester Ultrasound

 Patient: **PATEL PRIYA DOB: 08-05-1998**

Exam date: 21-05-2025

Indication First trimester screening.

History Allergies No allergies identified

Prev. diseases No previous diseases identified

Prev. surgeries No previous surgeries performed

Infections No infections identified

OB History Gravida 1

 Maternal Assessment Physical Height 150 cm, 4 ft 11 in. Weight 59 kg, 130 lb. Pre-pregnancy weight 53 kg, Exam 117 lb. BMI 26.27 kg/m<sup>2</sup>. Pre-pregnancy BMI 23.60 kg/m<sup>2</sup>. Weight gain 6 kg, 13 lb

Method Transabdominal and transvaginal ultrasound examination. View: Good view.

Pregnancy Singleton pregnancy. Number of fetuses: 1

	Date	Details	Gest. age	EDD
LMP	24-02-2025		12 w + 2 d	01-12-2025
U/S	21-05-2025	based upon CRL	11 w + 6 d	04-12-2025
Agreed dating	based on the LMP		12 w + 2 d	01-12-2025

General Cardiac activity present

Evaluation Placenta: Posterior low laying reaching up to the IO grade 0 maturity

Cord vessels: 3 vessel cord

Amniotic fluid: normal amount

Fetal Biometry	FHR	163 bpm	54%	OFD	23.3 mm		
	CRL	52.1 mm	11%	HC	66.7 mm		29%
	NT	0.88 mm		IT	1.4 mm		
	Nasal bone	2.8 mm		AC	52.5 mm		58%
	BPD	16.9 mm	30%	Femur	7.0 mm		34%

Fetal Anatomy Cranium: Foetal head showed midline falx and normal choroid plexus. Normal ossification of skull bone

Face: Premaxillary triangle seen, Maxillary and mandibular echoes are normal. Orbit with lenses visualized



Heart: Cardiac regular activity, Four symmetrical chambers on Colour – Two ventricle inflows. Two outflow tracts (tick sign, V sign)

Thorax: Symmetrical lung fields, No Effusion or masses

Stomach: Normal cord insertion, Stomach in left upper quadrant

Kidneys: Both kidney appears normal

Bladder: Bladder Gastric bubble visualized.

Spine: Foetal spine normal

**The following structures appear normal:**

Neck. Great vessels. Abdominal wall. Arms. Legs. Skeleton.

**Fetal Doppler**

**Ductus Venosus:**

S-wave	-31.48 cm/s	PLI	0.63
D-wave	-16.78 cm/s	S/a	2.74
A-wave	-11.51 cm/s	a/S	0.37
TMax	-24.47 cm/s	D/a	1.46
PIV	0.82	HR	184 bpm
PVIV	1.19		

**Impression:** normal

**Maternal Doppler**

**Right uterine artery:**

HR	74 bpm	ED	18.27 cm/s
PI	1.73	TMax	32.20 cm/s
RI	0.75	MD	17.38 cm/s
PS	74.11 cm/s	S / D	4.06

**Left uterine artery:**

HR	74 bpm	ED	13.55 cm/s
PI	2.14	TMax	27.45 cm/s
RI	0.81	MD	13.18 cm/s
PS	72.38 cm/s	S / D	5.34
Mean HR	74.00 bpm	Mean PI	1.94

**Impression:** normal uteroplacental resistance

**Maternal Structures**

**Cervix** Cervical length 40.1 mm  
Funneling absent

Internal OS is closed

E/o subchorionic collection of size 10.6X3.5 mm is seen adjacent to the IO

**Impression**

**SINGLE, LIVE, INTRAUTERINE FOETUS OF AVERAGE GESTATION AGE OF 11 WKS AND 6 DAYS IN VARIABLE PRESENTATION, CORRESPONDING TO THE PERIOD OF AMENORRHEA.**

**ASSIGNED DATE OF EDD BY LMP IS 01/12/2025**

**PLACENTA POSTERIOR LOW LYING, REACHING UPTO THE IO WITH GRADE 0 MATURITY**

**AMNIOTIC FLUID IS ADEQUATE FOR GESTATIONAL AGE.**

**PREECLAMPSIA RISK FROM HISTORY ONLY**

**< 37 WEEKS: 1 IN 76**



**PREECLAMPSIA RISK FROM HISTORY PLUS MAP, UTPI**  
≤ 37 WEEKS: 1 IN 192

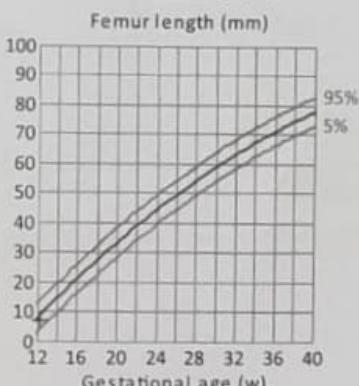
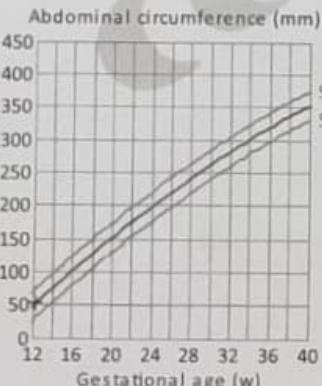
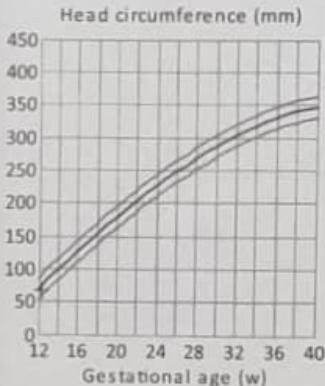
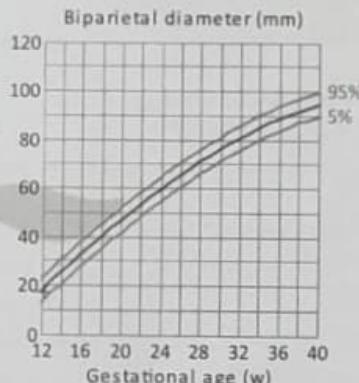
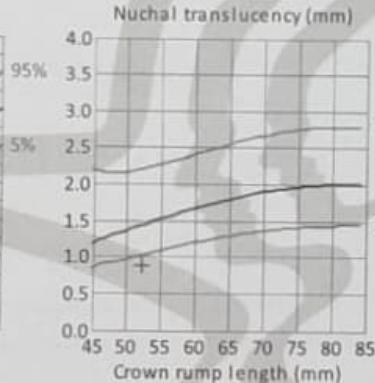
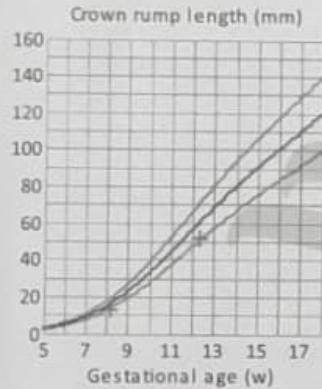
**RECOMMENDATION**

ON THE BASIS OF THIS ASSESSMENT THE PATIENT HAS BEEN CLASSIFIED AS BEING AT LOW RISK FOR DEVELOPING PE BEFORE 37 WEEKS. NEVERTHELESS, IT IS RECOMMENDED THAT THE RISK IS REASSESSED AT 20 AND 36 WEEKS.

**CHANCE OF DEVELOPING FGR BEFORE 37 WEEKS :- 0.8% (1 IN 127)**  
**TAB ASPIRIN 150 MG OD (AT NIGHT) UP TO 36 WKS SUGGESTED**

Next Appointment 21-07-2025 (GA 21 w + 0 d), ANOMALY SCAN SUGGESTED

Declaration/Disclaimer I DR ABHAY BORKAR, declare that while undergoing ultrasonography on PRIYA PATEL neither detected nor disclosed the sex of the foetus to patient /her relative or any other person, by words, sign or in any other manner. All measurements including estimated fetal weight are subject to statistical variations. Not all anomalies can be detected on sonography.



## Risk assessment

### Risk for fetal growth restriction

This application allows estimation of risks for fetal growth restriction (birth weight <5th percentile for gestational age) from a combination of maternal characteristics, previous obstetric history and findings at 11-13 weeks <https://fetalmedicine.org/fmf/sga.pdf>.

MoM values for mean arterial pressure and uterine artery PI can be calculated by the application provided in this section.

MoM values for PAPP-A and PLGF depend on maternal characteristics but also on the equipment and reagents used at a specific laboratory; you will therefore need to obtain the MoM values from your laboratory.

**Please record the following information and then press calculate.**

#### Maternal characteristics

Maternal age	26.0	years
Maternal weight	59.0	kg
Maternal height	150.0	cm
Racial origin	South Asian	▼
Diabetes mellitus type II	<input type="checkbox"/>	
Chronic hypertension	<input type="checkbox"/>	
Systemic lupus erythematosus	<input type="checkbox"/>	
Smoking during pregnancy	<input type="checkbox"/>	
Method of conception	Spontaneous	▼

#### Previous obstetric history

Nulliparous  
 Parous, previous pregnancies >23 weeks

#### Measurements at 11-13 w

Fetal crown-rump length	52.1	mm	
UTPI	1.121	MoM	Click here to record UTPI measurements
MAP	0.948	MoM	Click here to record arterial pressure measurements
Serum PAPP-A		MoM	
Serum PI GF		MoM	

**Calculate risk**

#### Results

Chance of developing FGR before 37 weeks: 0.8 % (1 in 127)

This software is based on research carried out by The Fetal Medicine Foundation. Neither the FMF nor any other party involved in the development of this software shall be held liable for results produced using data from unconfirmed sources. Clinical risk assessment requires that the ultrasound and biochemical measurements are taken and analyzed by accredited practitioners and laboratories.

Name: PATEL PRIYA MEET



## DR. ABHAY BORKAR

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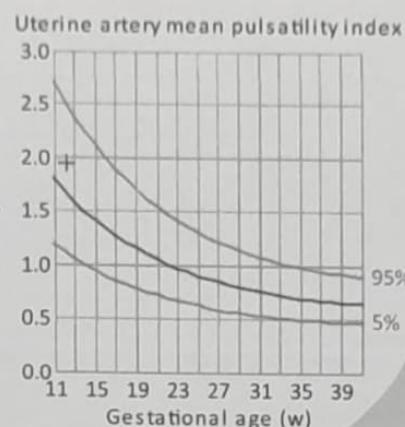
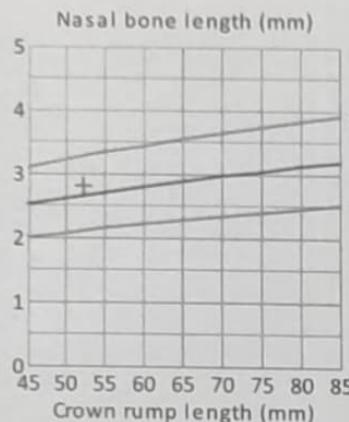


Scan for Address

Club Building, in front of Ganraj  
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9325579288 8208144272 07172-260120

★ ULTRASONOGRAPHY ★ ADVANCED 3D 4D SONOGRAPHY ★ COLOUR DOPPLER ★ USC GUIDED PROCEDURES ★ DIGITAL X-RAY



Thank you Dr. Mrs. Aparna Dewaikar, MBBS DGO for the referral

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