

98

MRS ARUNA SATHASKAR 39411

7374754

Double marks

Height \rightarrow 5.4 Inches

WT \rightarrow 61.2 kg

D.O.B \rightarrow 02/07/1984.

19 DEC 2023

BP - 128/74
Pulse - 130b/min
SpO2 - 98%
wt - 62.8 kg

20 DEC 2023

for
Thyroid profile
double evaluation

Wenny

BP - 127/81
Pulse - 140b/min
SpO2 = 98%
wt - 61.2 kg

R

top of the Indurmo wing + 180
x 2

Penny
report

top of the Indurmo 20 x 180 x 3

as - Dark to white plus notes
x 5

2

PATIENT'S NAME : MRS. ARUNA

AGE/SEX : 39 Y/F

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

DATE : 20.12.2023

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

LMP: 23.09.2023

GA (LMP) : 12wk 4d

EDD : 29.06.2024

- Single live fetus seen in the intrauterine cavity in **variable** presentation.
- Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 169 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 1.7 mm (WNL).
- Ductus venosus shows normal spectrum with positive "a" wave (PI ~ 1.04).

FETAL GROWTH PARAMETERS

- CRL 60.4 mm ~ 12 wks 4 days of gestation.
- Estimated gestational age is **12 weeks 4 days (+/- 1 week)**. EDD by USG : 29.06.2024
- Internal os closed. Cervical length is WNL (37.7 mm).
- Baseline screening of both uterine arteries was done & reveals mean PI of ~ 2.24 (WNL for gestation)
- Date of Last Delivery 03.05.2020
- Gestation at delivery of last pregnancy 26 weeks 0 days .

PRESSION:

- Single, live, intrauterine fetus of 12 weeks 4 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

PATASKAR ARUNA

Date of birth : 01 July 1984, Examination date: 20 December 2023

Address: PLOT NO. 104 AASTHA
APPARTMENT GULMOHAR
COLONY BHOPAL
BHOPAL
INDIA

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

Maternal / Pregnancy Characteristics:

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

Parity: 2.

Maternal weight: 62.2 kg; Height: 162.6 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: 23 September 2023

EDD by dates: 29 June 2024

First Trimester Ultrasound:

US machine: voluson S8. Visualisation: good.

Gestational age: 12 weeks + 4 days from dates

EDD by scan: 29 June 2024

Findings	Alive fetus
Fetal heart activity	visualised
Fetal heart rate	169 bpm
Crown-rump length (CRL)	60.4 mm
Nuchal translucency (NT)	1.7 mm
Ductus Venosus PI	1.040
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: 2.24 equivalent to 1.370 MoM

Mean Arterial Pressure: 94.1 mmHg equivalent to 1.120 MoM

Endocervical length: 37.7 mm

Risks / Counselling:

Patient counselled and consent given.

Operator: DR. ANKITA VIJAYVARGIYA, FMF Id: 204664

Condition	Background risk	Adjusted risk
Trisomy 21	1: 92	1: 1836

First Trimester Screening Report

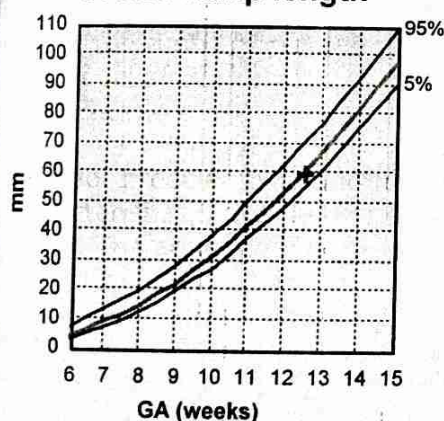
Trisomy 18	1: 220	1: 4410
Trisomy 13	1: 693	1: 13854
Preeclampsia before 34 weeks		1: 161
Fetal growth restriction before 37 weeks		1: 85

The background risk for aneuploidies is based on maternal age (39 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).

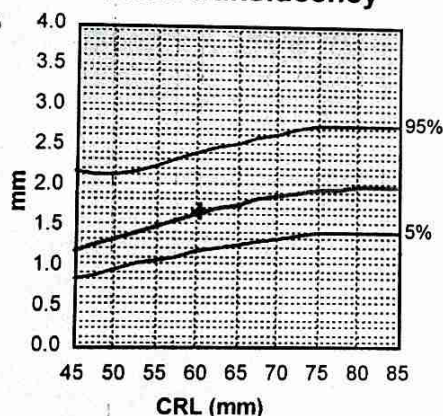
Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history, uterine artery Doppler and mean arterial pressure (MAP). The adjusted risk for PE < 34 weeks or the adjusted risk for FGR < 37 weeks is in the top 10% of the population. 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).

Crown-rump length



Nuchal translucency



1st trimester risk of Trisomy 21

