



Dr. Surabhi Dube

MD (Obstetrics & Gynecology), DNB,
FNB (High Risk Pregnancy & Perinatology)
Former Fellow in Fernandez Hospital, Hyderabad
Maternal & Fetal Medicine Consultant
Reg. No. MP 12415

FIRST TRIMESTER SCREENING

Maternal history

LMP -09/11/2023

EDD (LMP)-

15/08/2024

EDD (USG)-

15/08/2024

Menstrual cycle-

Regular

Married life - 11

Years

Ethnic origin - South
Asian

Conception-

Spontaneous

Smoker - No

G3P1L1A1

Previous LSCS

**Previous baby had
meningomyelocele**

Medical History-

Hypothyroid - YES

Hypertension- No

Diabetes - No

Heart disease- No

SLE - No

Family history -

Nil

Name : Mrs. Vijeta Soni

DOB : 19/09/1990 Age : 33 years

Gestational age : 11 weeks 5 days by LMP

Referring Doctor : Dr. Amita Dube (MS)

Date : 30/01/2024

USG system : Voluson E6

Trans-abdominal scan

Examination condition : Good

Number of fetus : Single

FETAL BIOMETRY

Fetal heart rate (FHR) : 177/min

Crown rump length (CRL) : 49.5 mm

Nuchal translucency (NT) : 0.90 mm

Biparietal diameter (BPD) : 17.8 mm

Head circumference (HC) : 65.5 mm

Abdominal circumference (AC) : 47.2 mm

Femur length (FL): 5.8 mm

Estimated fetal weight (EFW) : 50 grams +/- 5 grams

Placenta: Posterior

Amniotic fluid : Adequate

CHROMOSOMAL MARKERS

Nasal bone - Present

Tricuspid Doppler - Normal, no regurgitation

Ductus venosus Doppler - Normal

FETAL ANATOMY

Skull/ brain - appears normal, **Spine** - seen, **Heart** - four chamber view seen, **Abdomen** - appear normal, **Stomach** - seen, **Urinary bladder/ kidney** - seen, **Hands** - both visible, **Feet** - both visible.

UTERINE ARTERY DOPPLER

PI (LEFT)- 1.81

PI (RIGHT)- 3.15

Consultation

OPD : 11 AM to 5 PM

House No 7, New Friends Society, Chunabhatti, Kolar Road , Bhopal- 462016

Ph: + 0755 4855369, 91 88780 64070

RISK ESTIMATION - By FMF CALCULATORS

Risk for trisomies at 11-13 weeks

Report date 30-01-2024

Examination date 30-01-2024

Gestational age 11⁺ weeks

Maternal characteristics

Age in years 33.4

Previous baby/fetus with T21 No

Previous baby/fetus with T18 No

Previous baby/fetus with T13 No

Measurements at 11-13 w

Fetal crown-rump length 49.5 mm

Nuchal translucency 0.9 mm

Fetal heart rate 177 bpm

Risks from history only

Trisomy 21: 1 in 357

Trisomy 18: 1 in 833

Trisomy 13: 1 in 2500

Risks from history plus NT, FHR

Trisomy 21: 1 in 1667

Trisomy 18: 1 in 2500

Trisomy 13: 1 in 5000

COMMENTS : Today's ultrasound has revealed single live fetus corresponding to 11 weeks and 5 days, low risk for trisomies. Gestational age assigned as per LMP (EDD - 15/08/24).

Advise -

1. Biochemical screening with double marker for combined risk assessment.
2. Rescan for anomalies with prior appointment between 19-23 weeks. (look for palate)

I, Dr. Surabhi Dube, declare that while conducting the ultrasonography/ image scanning of Mrs. Vijeta Soni, neither detected nor disclosed the fetal gender to anybody in any manner.

Surabhi
30.1.24

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FMF ID - 168998

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Thanks for reference

