



MRS SHIREEN

Date of birth : 13 August 1997, Examination date: 20 January 2024

Address: NALGONDA

Hospital no.: KFC12072

Mobile phone: 8309657970

Referring doctor: TRIVENI

**Maternal / Pregnancy Characteristics:**

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

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

Maternal weight: 68.0 kg; Height: 152.0 cm.

Smoking in this pregnancy: no; Diabetes Mellitus: no; Chronic hypertension: no; Systemic lupus erythematosus: no; Antiphospholipid syndrome: no; Preeclampsia in previous pregnancy: no;

Previous small baby: no; Patient's mother had preeclampsia: no.

Method of conception: Spontaneous;

Last period: 21 October 2023

EDD by dates: 27 July 2024

**First Trimester Ultrasound:**

US machine: E 6. Visualisation: good.

Gestational age: 12 weeks + 4 days from CRL

EDD by scan: 30 July 2024

Findings	Alive fetus
Fetal heart activity	visualised
Fetal heart rate	168 bpm
Crown-rump length (CRL)	61.0 mm
Nuchal translucency (NT)	2.5 mm
Biparietal diameter (BPD)	22.0 mm
Ductus Venosus PI	1.000
Placenta	anterior low
Amniotic fluid	normal

**Chromosomal markers:**

Nasal bone: present; Tricuspid Doppler: normal.

**Fetal anatomy:**

Skull/brain: appears normal; Spine: appears normal; Heart: Appears normal; Abdominal wall: appears normal; Stomach: visible; Bladder / Kidneys: visible; Hands: both visible; Feet: both visible.

Uterine artery PI: 1.25 equivalent to 0.780 MoM  
 Endocervical length: 33.0 mm

**Risks / Counselling:**

Patient counselled and consent given.

Operator: Lekkala Kalpana, FMF Id: 173593

Condition	Background risk	Adjusted risk
Trisomy 21	1: 893	1: 1250
Trisomy 18	1: 2151	1: 5911
Trisomy 13	1: 6757	1: 6473
Preeclampsia before 34 weeks		1: 1731

# Kalpana Fetal Screening Report Medicine and Scan Center

Protecting the Precious...

1: 445

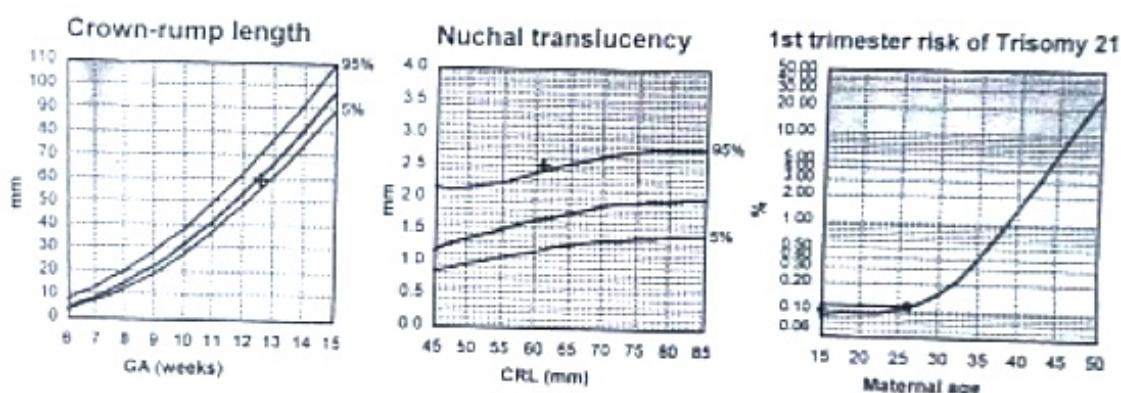
Fetal growth restriction before 37 weeks

The background risk for aneuploidies is based on maternal age (26 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, fetal heart rate).

Risks for preeclampsia and fetal growth restriction are based on maternal demographic characteristics, medical and obstetric history and uterine artery Doppler.

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)).



## Comments

Single live intra uterine fetus corresponding to 12 weeks 4 days.

Down syndrome screen negative based on NT scan.

NT falls at more than 95th centile for the period of gestation.

Suggested DOUBLE MARKER.

Suggested EARLY TIFFA SCAN at 16 weeks. ( Feb 15th to 20th )

I, Dr. L. Kalpana Reddy, declared that while conducting ultrasonography / Imaging scanning on Mrs. SHIREEN, I have neither detected nor disclosed the sex of fetus to any body in any manner.

  
DR. L. KALPANA REDDY  
FETAL MEDICINE CONSULTANT