



Patient name	Mrs. ARUNDHATI SUMIT JOSHI	Age/Sex	25 Years / Female
Patient ID	E79276-24-03-30-1	Visit no	1
Referred by	Dr. KARUNA MURKEY, M.D. (OB GY)	Visit date	30/03/2024
LMP date	31/12/2023, LMP EDD: 06/10/2024[12W 6D]		

OB - First Trimester Scan Report

Real time B-mode ultrasonography of gravid uterus done.

Route: Transabdominal

Single intrauterine gestation

Maternal

Cervix measured 3.71 cm in length,
os closed.

Right Uterine	1.89	1-●-1 (66%)
Left Uterine	1.64	1-●-1 (53%)
Mean PI	1.765	1-●-1 (60%)

Fetus

Survey

Placenta : Anterior
Liquor : Normal
Umbilical cord : Three vessel cord seen.
Fetal activity : Fetal activity present
Cardiac activity : Cardiac activity present
Fetal heart rate - 164 bpm

Biometry (Hadlock, Unit: mm)

CRL	66.1, 12W 6D
BPD	19.1, 12W 6D 1-●-1 (38%)
HC	73, 13W 1-●-1 (30%)
AC	57.2, 12W 4D 1-●-1 (50%)
FL	7.1, 12W 1D 1-●-1 (20%)

Aneuploidy Markers (mm)

Nasal Bone	2.84 1-●-1 (38%) Present
NT	1.97 1-1-● (88%) Normal
Ductus Venosus	No "a" wave reversal
Tricuspid Regurgitation	No tricuspid regurgitation seen.

Dr. Ravindra Kalode

M.D. (Radiodiagnosis)

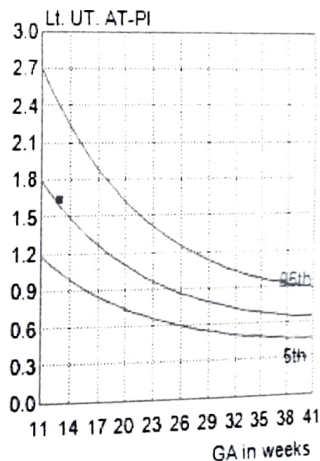
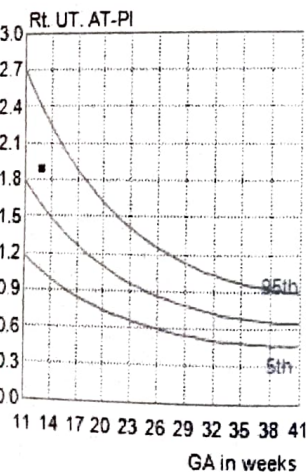
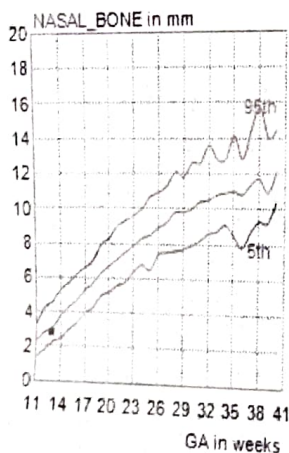
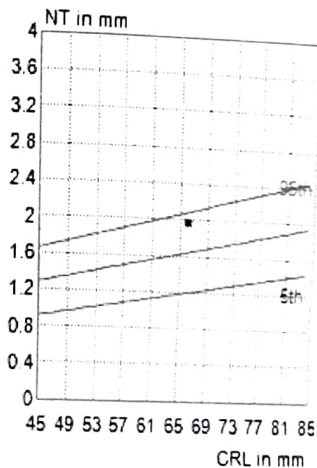
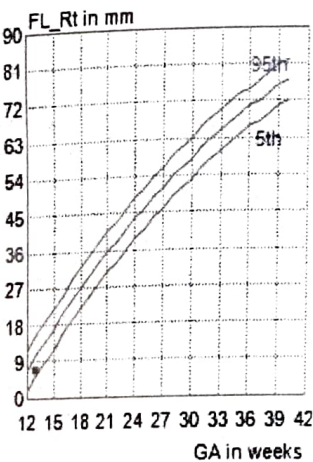
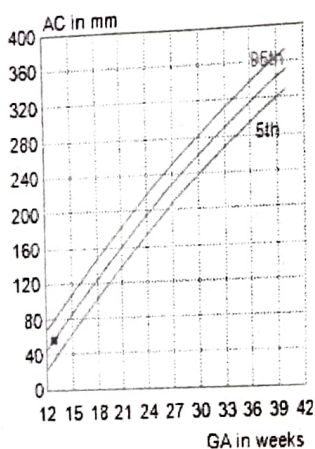
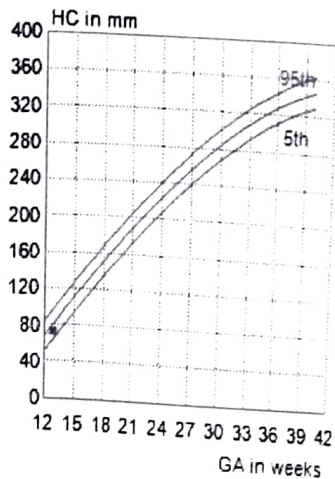
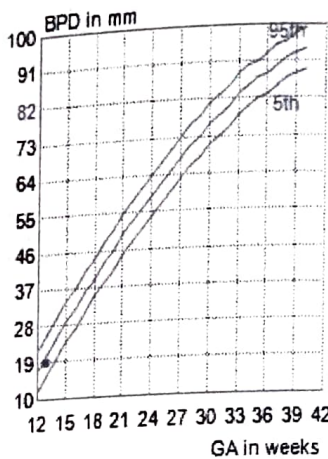
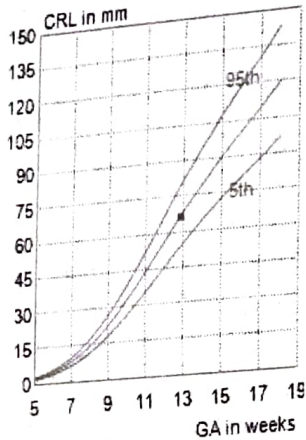
MMC Reg No. 70454

Page No. - 30/03/24 01:01 PM

BALAJI DIAGNOSTICS

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Referred by	Dr. KARUNA MURKEY, M.D. (OB GY)	Visit date	30/03/2024

Visit(s) used : 30/03/2024



BALAJI



Balaji
DIAGNOSTICS

Dr. Ravindra R. Kalode

M.D. (Radiodiagnosis)
Ex. SR. SGPGIMS, Lucknow.

rs. ARUNDHATI SUMIT JOSHI / E79276-24-03-30-1 / 30/03/2024 / Visit No 1

Fetal Anatomy

- Head** : Skull/brain appears normal.
Intracranial structures appears normal.
Choroid plexuses are symmetrical.
Falx visualised.
Butterfly sign present.
Posterior fossa is normal.
Intracranial translucency is normal.
- Neck** : Neck appears normal.
- Spine** : Spine appears normal.
- Face** : PMT and orbits seen.
Double line sign of palate and vomer seen.
No evidence of any maxillary gap.
- Thorax** : Thorax appears normal.
- Heart** : Four chamber and outflow tracts appears normal.
- Abdomen** : Stomach bubble appears normal.
Cord insertion seen.
- KUB** : Bladder appears normal.
Kidneys could not be evaluated at present.
Both viteline arteries seen in side of bladder.

Extremities : Both upper limbs and lower limbs seen.

Note: -This is a obstetrical ultrasound, mainly done for estimation age, amount of liquor, placental position and general well being of foetus and for evaluation of congenital anomalies. Moreover, the anomalies in relation to foetal heart and limbs are extremely difficult to detect due to constantly changing position of foetus and overlapping of its various parts. The thickness of abdominal wall fat when increased adversely affects the visualisation of structures and reduces resolution. Not all congenital anomalies can be detected on antenatal ultrasound. Some are evolving anomalies and may not be seen on initial ultrasound examination. Some anomalies can only be diagnosed in advanced stage of gestation and may not be seen in initial ultrasound examination. Findings such as increased NT or nuchal fold thickness, echogenic intracardiac focus, choroid plexus cyst are transient in nature and may disappear in later stage of gestation. Only less than 60 percent of cardiac anomalies are detected on detailed fetal echocardiography.

Impression

Intrauterine gestation corresponding to a gestational age of 12 Weeks 6 Days

Gestational age assigned as per LMP

Placenta - Anterior

Liquor - Normal

Single live intrauterine pregnancy with maturity of **12 weeks 6 day of gestation.**

Established EDD-06/10/2024 (Assigned as per LMP).

Low risk for any congenital anomaly at present.

Low risk for aneuploidy.

Mean uterine artery PI 1.765 (Low risk for Preeclampsia /FGR). Prophylactic low dose Aspirin not needed.

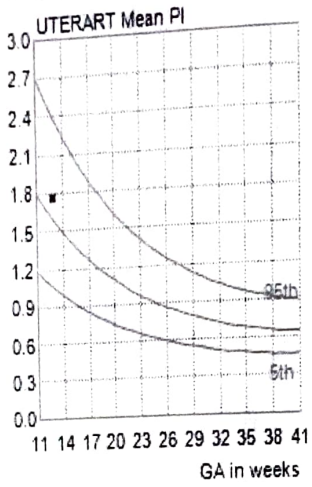
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Adv. - Level II Anomaly scan at 18-20 Weeks.
Please correlate clinically.
First trimester screening for Downs
Maternal age risk 1 in 1319

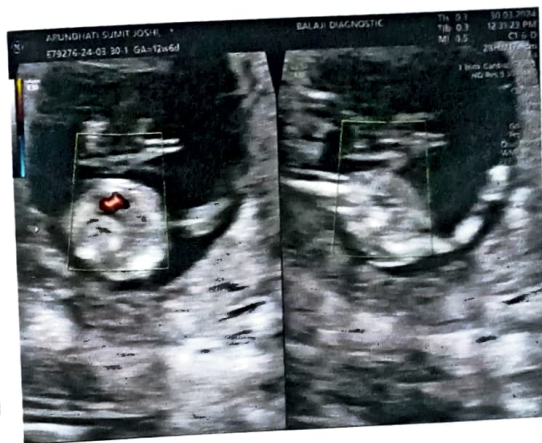
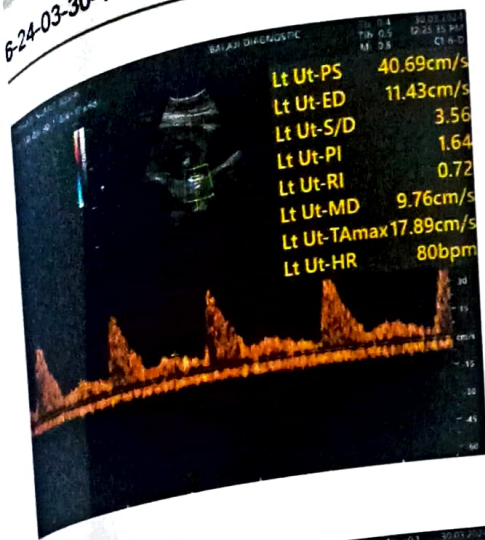
Fetus	Risk estimate - NT	Risk estimate - NT + NB	Markers name
A		1 in 11274	Nasal Bone Present

Disclaimer

Dr. Ravindra Kalode declare that while conducting ultrasonography/image scanning on this patient, I have neither detected nor disclosed the sex of her fetus to anybody in any manner.
Dr. Ravindra R. Kalode MD(Radiodiagnosis) MMC Reg No:70454
Foetal Medicine Foundation (UK) certified. FMF ID 204450

Dr. Ravindra Kalode
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MMC Reg No.70454

6-24-03-30-1



Dr. Ravindra Kalode
 M.D.(Radiodiagnosis)
 MMC Reg No. 70454



BALAJI DIAGNOSTIC									
Name: ARUNDHATI SUMIT JOSHI				DOB: 06.10.2024		Sex: Female		Page: 1/10	
Indication: LMP 31.12.2023				Gestational Age: 12w6d		Gestational Age: 12w6d		Gestational Age: 12w6d	
DOC: 31.12.2023				Gestational Age: 12w6d		Gestational Age: 12w6d		Gestational Age: 12w6d	
EFT (Headlock)				Value: 59g		Range: 50-65g		9.7%	
AC/BPD/FL/HC				Value: 59g		Range: 50-65g		9.7%	
2D Measurements				Value: 1.91 cm		Range: 1.81-2.02 cm		50.6%	
BPD (Headlock)				Value: 2.72 cm		Range: 2.62-2.82 cm		45.4%	
OFD (HC)				Value: 7.92 cm		Range: 7.82-8.02 cm		24.6%	
HC (Headlock)				Value: 7.55 cm		Range: 7.45-7.65 cm		49.1%	
AC (Headlock)				Value: 5.72 cm		Range: 5.62-5.82 cm		15.2%	
FL (Headlock)				Value: 0.71 cm		Range: 0.61-0.81 cm		46.9%	
CRL (Headlock)				Value: 6.61 cm		Range: 6.51-6.71 cm		33.3%	
NT				Value: 1.97 mm		Range: 1.87-2.07 mm		33.3%	
NBL (Sonet)				Value: 2.84 mm		Range: 2.74-2.94 mm		33.3%	
Doppler Measurements				Value: 40.69 cm/s		Range: 39.69-41.69 cm/s		40.69	
PS				Value: 11.43 cm/s		Range: 10.43-12.43 cm/s		11.43	
ED				Value: 3.56		Range: 3.46-3.66		3.56	

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