



SPECTRUM
Health Care

Dr. (Mrs.) Rekha Agrawal
M.D. (Radiodiagnosis)
Ex Faculty - Breach Candy Hospital, Mumbai
Professor - Dept. of Radiodiagnosis
NSCB Medical College, Jabalpur
Reg. No.: MP - 2561

Name -Mrs. Habiba Badri
ID No - 20847
A/S - 35yr/f
Ref by-Dr. Nafisa Hussain
Date- 26/11/2025

TIFFA

GA by LMP 21w2d

GA by USG 21w1d

Single live intrauterine gestation of 21w1d seen in intrauterine cavity
Presentation-variable
Placental position and grading – Anterior, upper segment, grade I.
Liquor- Adequate
Umbilical cord- centrally inserted in placenta, three vessel [2 artery and one vein present]
Cx length – 3.9cm
Fetal movement seen.
Cardiac activity seen with normal rate and rythem.
Fetal heart rate is 145 beats / min.

FETAL BIOMETRY AND ANATOMY

Parameter	GA	Percentile
BPD	21w0d	37.1%
FL	21w0d	32.6%
AC	20w3d	18.9%
HC	20w0d	3.8%

Foetal wt - 370gm (17.9%)

HEAD-

Skull shows normal mineralisation and calvarium is intact.
Fetal brain shows two cerebral hemisphere with midline falx seen.
Cavum septum pellucidum is visible.
Lateral ventricles measure 6.3mm. Choroid plexus reveals no cystic lesion.
Cerebellum and cisterna magna seen and measurement is within normal limit
[measurement are attached]

1 June

Sonography & Doppler Centre

925, Sant Nirankari Bhawan Road
HDFC Bank, Gol Bazar, Wright Town
Jabalpur Phone: 0761-4925995



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FACE -

Both orbits seen with eyeball and lenses.
Intra and inter orbital distance is noted.
Premaxillary triangle seen.
Nuchal fold thickness is within range.
Nasal bone is present
Lips, nose and chin visualised.

NECK -

Fetal neck reveals no cystic or solid mass lesion.

SPINE -

Entire spine visualized in longitudinal, coronal and transverse axis.
Vertebrae and spinal cord seen.

THORAX -

Both lungs seen of normal echogenicity.
No e/o pleural or pericardial effusion seen.
No e/o SOL seen in thorax.
heart is normal in situs and axis .
Four chamber cardiac view reveals no abnormality.
both [right and left outflow tract], Three vessel view seen .

ABDOMEN -

Stomach bubble is present
No e/o ascites seen.
Abdominal wall is intact and no e/o herniation seen.
No solid or cystic mass seen in abdominal cavity.

Urinary System-

Both kidneys are normal in size, shape and echotexture.
Right Kidney – Renal pelvis AP 3.5mm.
Left Kidney – Renal pelvis AP 2.2mm.
Foetal bladder is seen.

EXTREMITIES

Foetal long bones appear normal in mineralisation .no e/o fracture seen.

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Genetic marker screening-

Findings	Remarks	Findings	Remarks
Mega cisterna magna	No	Ventriculomegaly	No
Three vessel cord	Yes	Ossified Nasal bone	Yes
Nuchal fold thickness	Normal	Choroid plexus cyst	No
Proximal limb Shortening	No	Pelviectasis	No
Echogenic bowel	No	Echogenic cardiac focus	No

Rt uterine artery PI - 0.88	Lt uterine artery PI - 0.65	Mean PI - 0.7 (9%) N
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Impression -Single live intrauterine gestation of 21 weeks 1 days with variable presentation seen in the uterine cavity.

ADV - Follow up for fetal growth and evolving fetal anomalies.

Ultrasound has limitation in detecting all anomalies and should be seen as an imaging modality and not as confirmatory or excluding tool. *All fetal anomalies are not detected on sonography and are subject to gestational age and fetal position Sex of the child is not determined nor disclosed and it is a punishable offence.*

Rekha
DR REKHA AGRAWAL
M. D.

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SPECTRUM HEALTH CARE

ID	26112025-054733PM	Name	HABIBA
Date of Birth(Age)		Gender	
Indication		Exam Date	26-11-2025
Diag. Physician		Ref. Physician	
		Operator	DR. REKHA AGRA

OB

LMP	30-06-2025	GA(LMP)	21w2d	EDD(LMP)	06-04-2026	Gravida	Para
Composit GA	Average	GA(AUA)	21w1d	EDD(AUA)	07-04-2026	Ectopic	Aborta
EFW1	HADLOCK4	BPD,HC,AC,FL	370 g	(13oz)	20w4d	HADLOCK	17.9%

Fetal Biometry

	m1	m2	m3		GA		GP
BPD	4.96	4.96		cm	Last 21w0d	HADLOCK	37.1% HADLOCK
FL	3.50	3.80	3.50	cm	Last 21w0d	HADLOCK	32.6% HADLOCK
HC	15.27	15.27		cm	Last 20w3d	HADLOCK	18.9% HADLOCK
HC	17.49	17.49		cm	Last 20w0d	HADLOCK	3.8% HADLOCK

Fetal Long Bones

	m1	m2	m3		GA		GP
HL	3.21	3.20	3.21	cm	Last 21w0d (19w0d-23w0d)	ASUM	40.1% ASUM
RAD	2.79	3.32	2.98	2.79	cm	Last	23.6% CHITTY(2002)
ULNA	3.29	3.57	3.17	3.29	cm	Last 22w4d (19w4d-25w4d)	JEANTY 70.2% JEANTY
FIB	3.08	3.10	3.08		cm	Last	65.2% JEANTY
TIB	3.30	2.90	3.30		cm	Last 22w1d (19w2d-25w1d)	JEANTY 82.1% JEANTY

Fetal Cranium

	m1	m2	m3		GA		GP
NB	0.74	0.74		cm	Last		54.8% SONEK
NF	0.43	0.43		cm	Last		
CEREB	2.10	2.10		cm	Last 21w1d (19w4d-22w6d)	CHITTY	27.4% GOLDSTEIN
CM	0.39	0.39		cm	Last		8.4% NICOLAIDES

FD Calculations

FL/AC	22.9	%	(20 % - 24 %)	
FL/BPD	70.6	%	(71 % - 87 %)	
FL/HC	20.0	%	(16.61 % - 20.27 %)	HADLOCK
HC/AC	1.14		(1.06 - 1.25)	CAMPBELL
FL/FOOT	90.6	%	(87 % - 111 %)	

Fetal Others

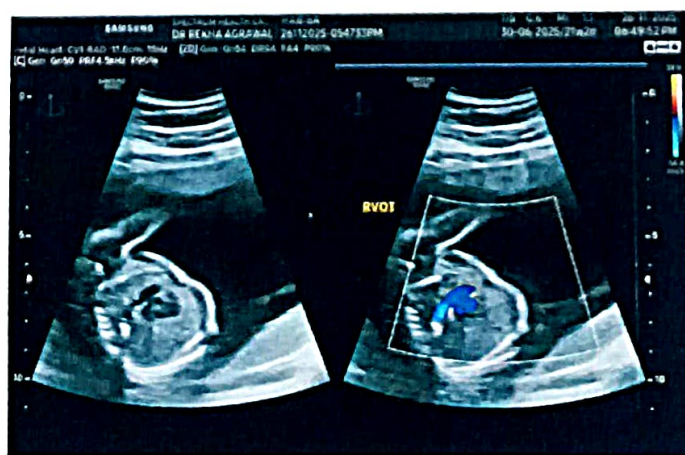
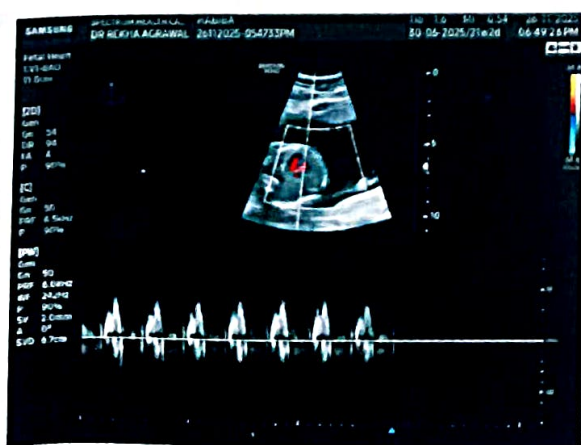
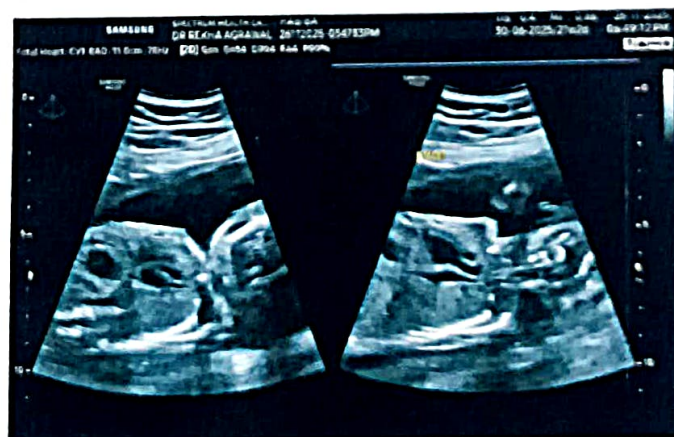
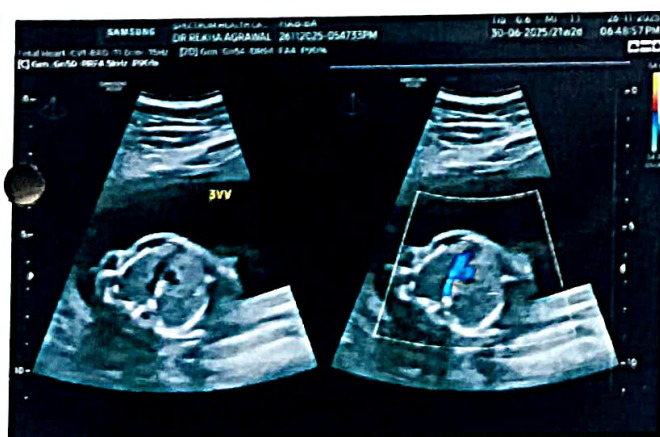
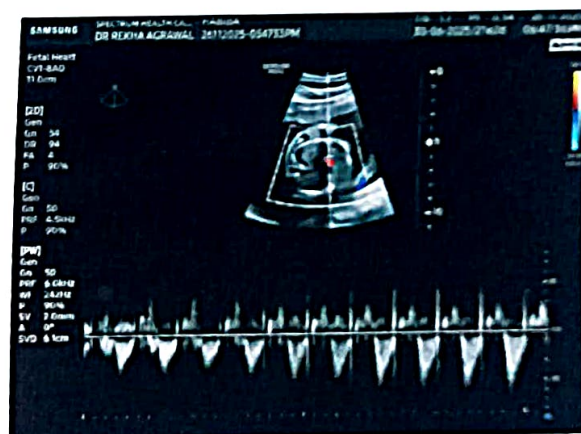
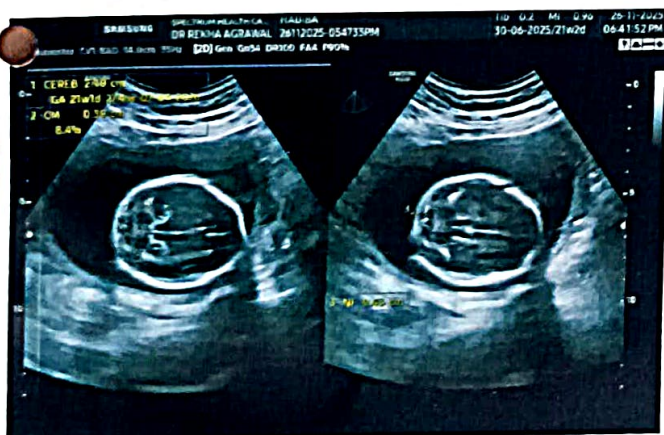
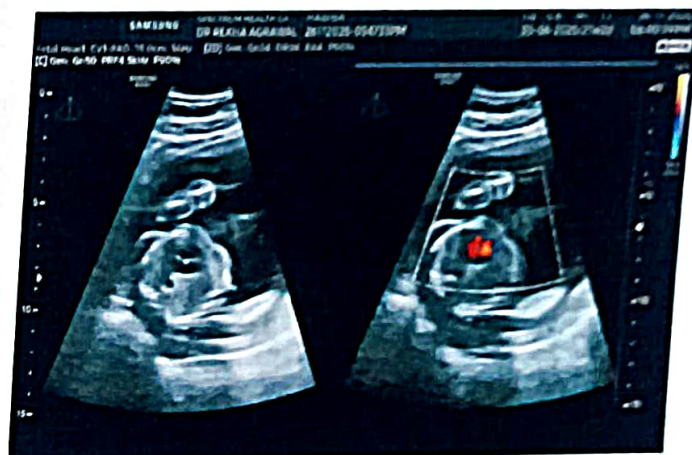
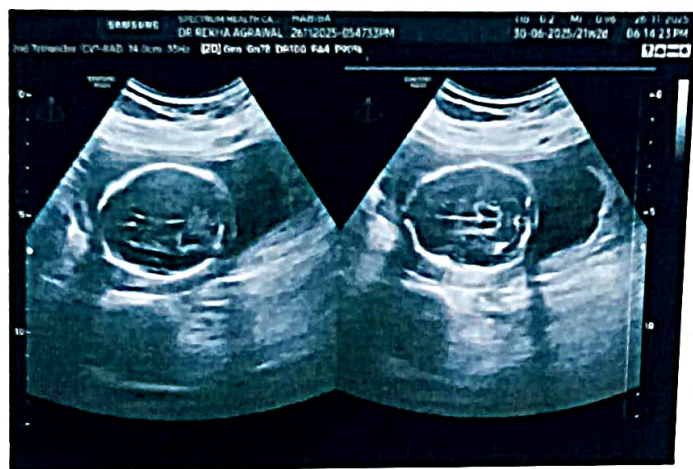
	m1	m2	m3		GP
Foot	3.86	3.86		cm	Last 80.0% CHITTY(2002)

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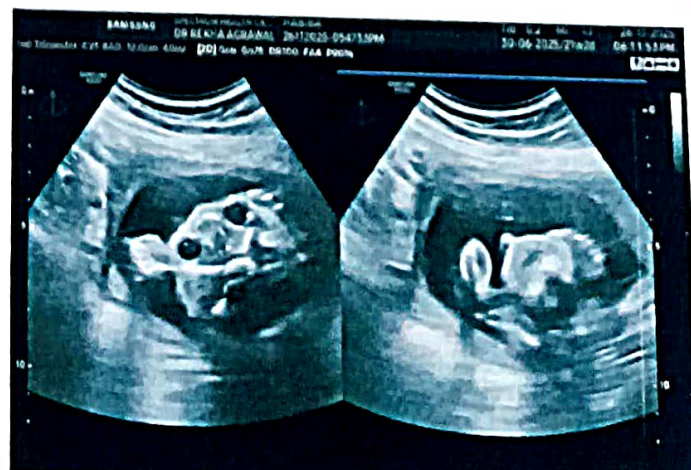
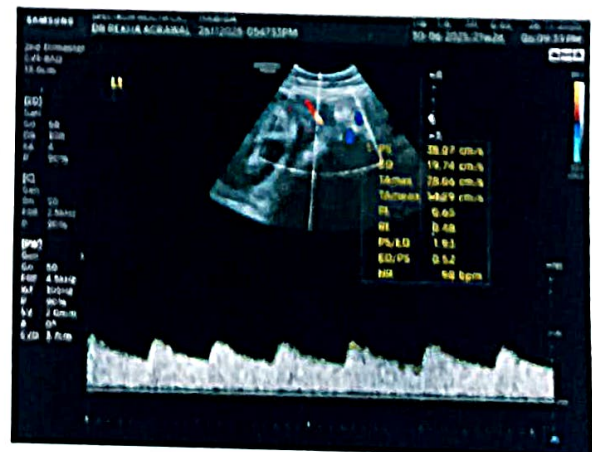
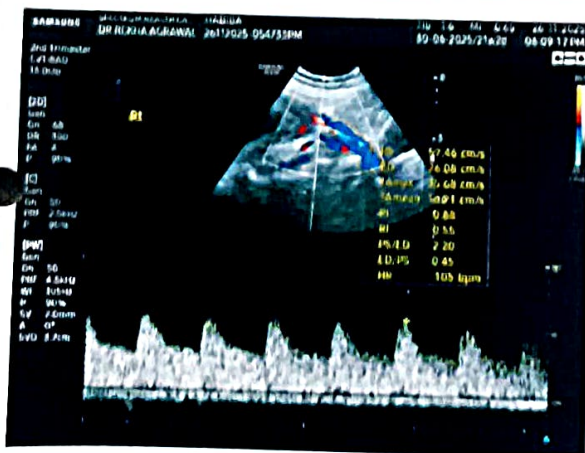


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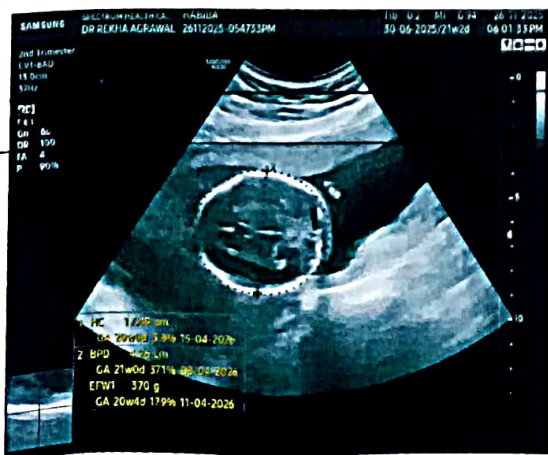
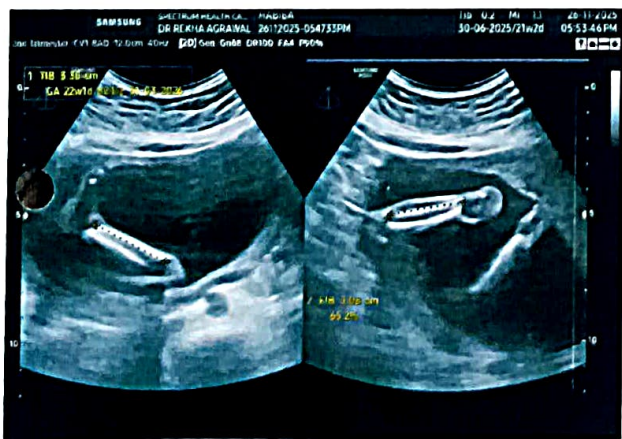
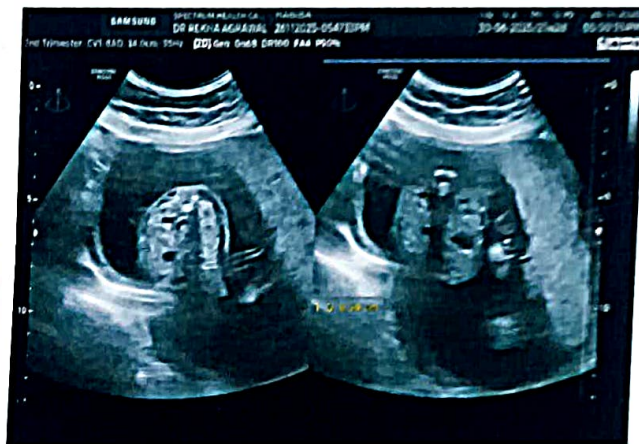
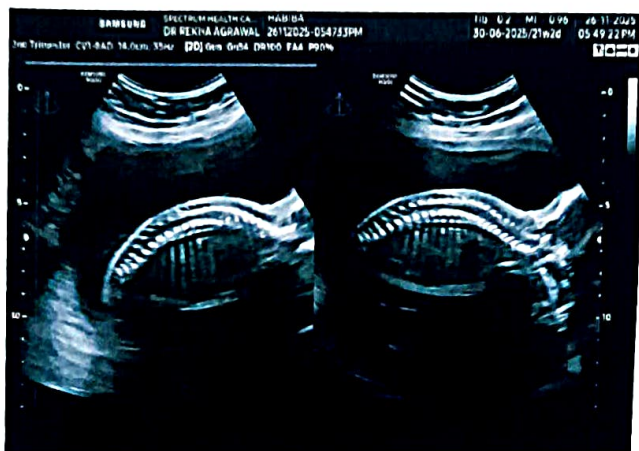
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