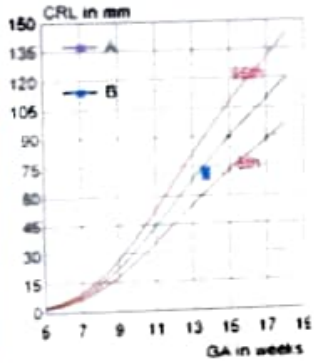
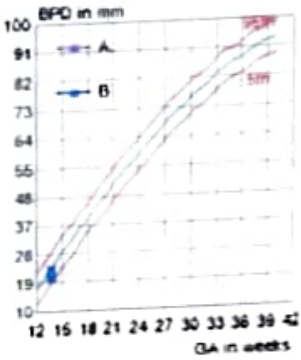
SONOLINE BHAWATKAR DIAGNOSTIC CENTRE

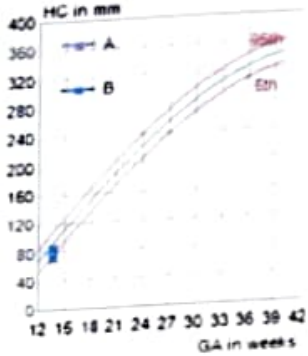
Patient name Mrs. MEENA RANSINGE
Patient ID E79654-24-11-28-13
Referred by Dr. V PUNSHI

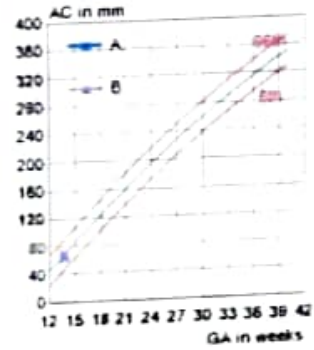
Age/Sex 28 Years / Female
Visit no 1
Visit date 28/11/2024

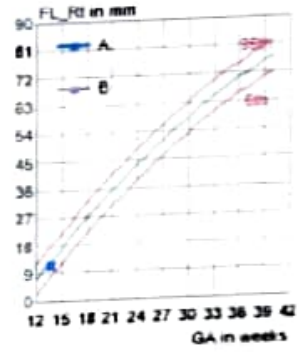
Visit(s) used : 28/11/2024

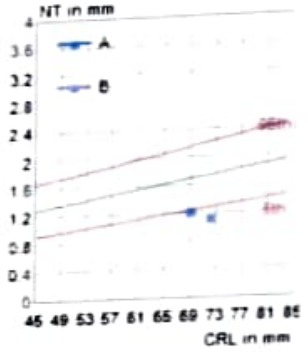


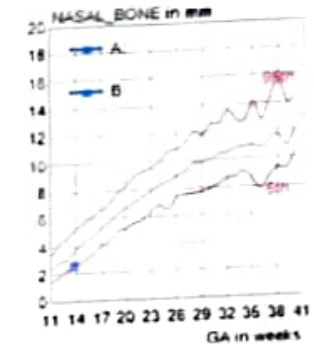


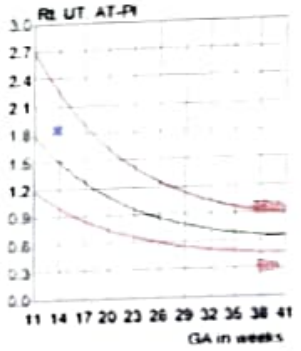


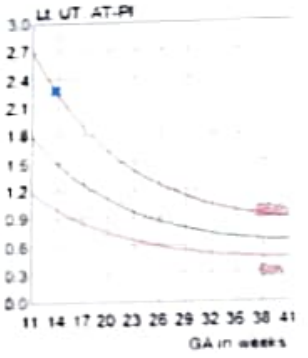












Aneuploidy Markers (mm)

Nasal Bone	2.48 Seen	(6%)
NT	1.1 Normal	(2%)
Ductus Venosus	Normal flow	
Tricuspid Regurgitation	No TR	

Fetal Anatomy

Intracranial structure appeared normal. Midline falx seen .

Both lateral ventricle appeared normal..

No identifiable lesion seen .

Neck appeared normal.

Foetal spine, appears normal

No evidence of cleft /palate seen

No evidence of significant open neural tube defect seen.

Foetal face seen in coronal and profile views.

Both orbits nose and mouth appeared normal.

Both lungs seen. No evidence of pleuropericardial effusion seen.

No evidence of SOL in thorax .

Normal cardiac situs .Four chambers ,three vessels view normal. .Overall heart appeared normal . Cardiac situs normal.

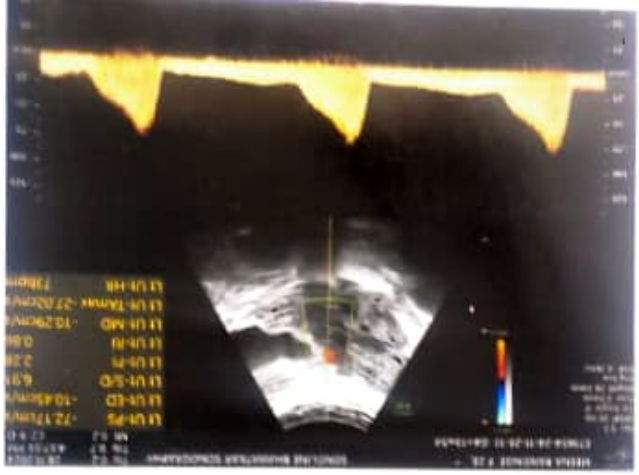
Abdominal situs appeared normal.

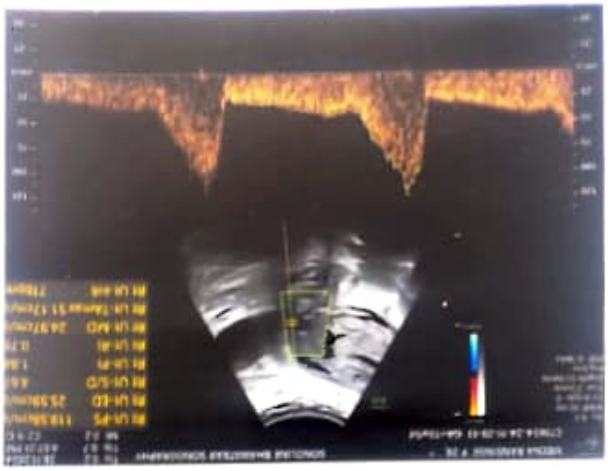
Normal insertion of three vessel cord seen.

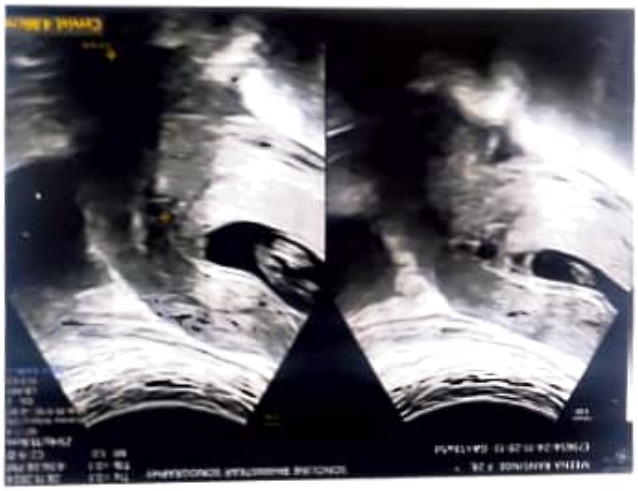
Stomach and bowel appeared normal .

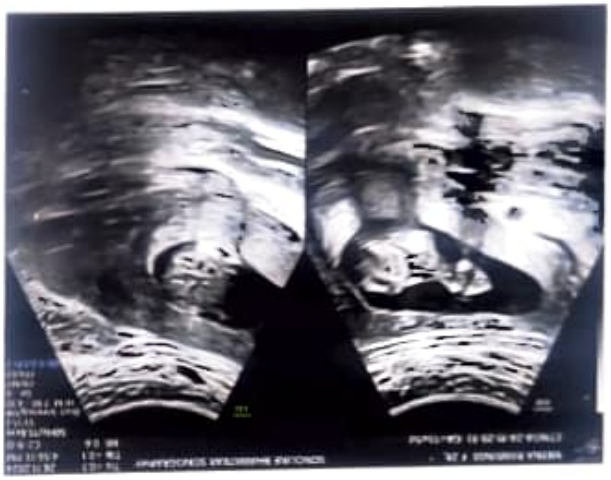
All four limbs overall appeared normal.

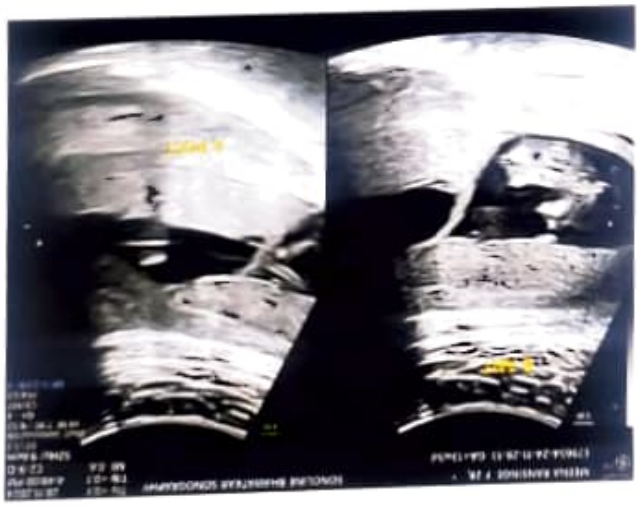
No obvious congenital anomaly noted as per this scan .

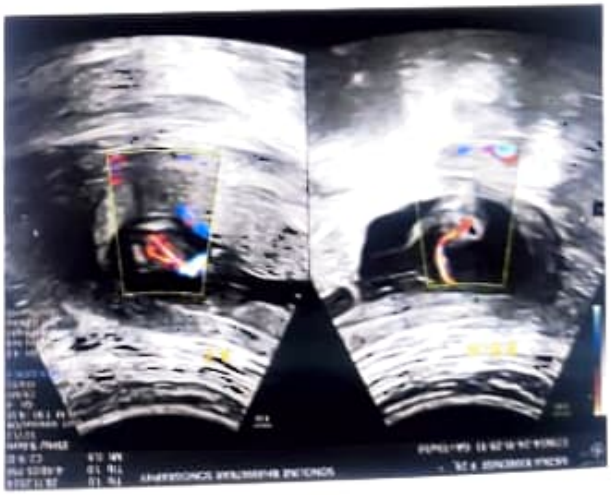


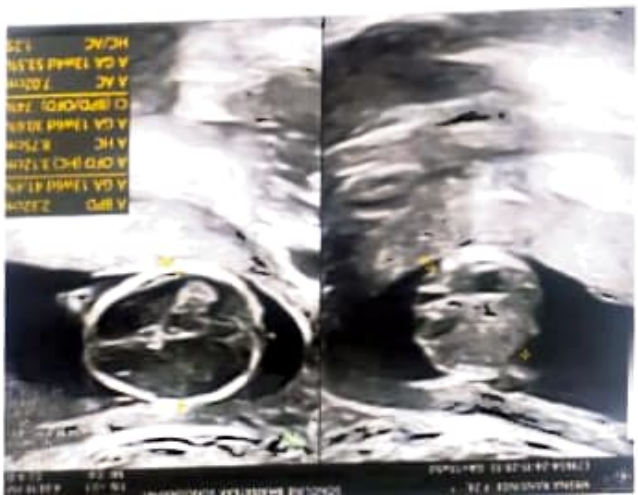


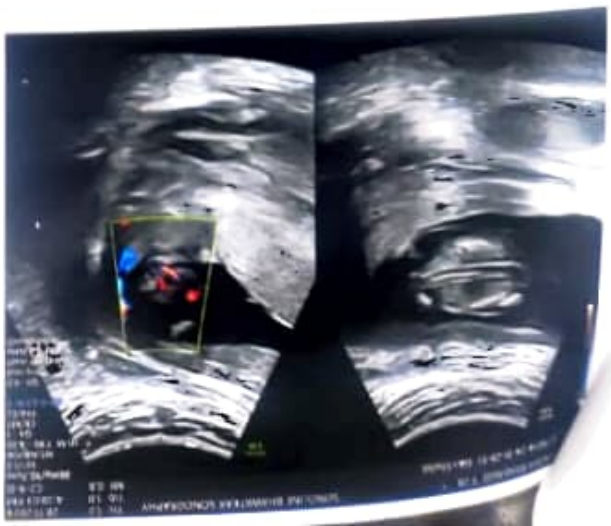


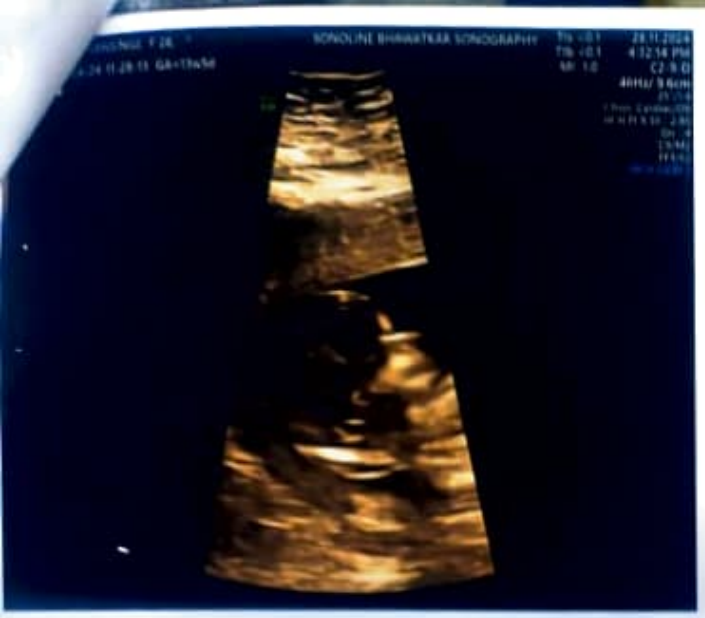


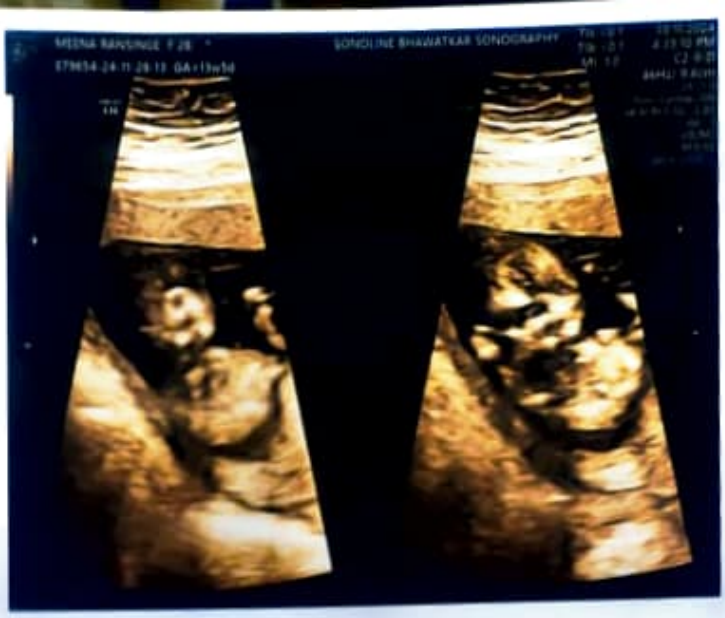


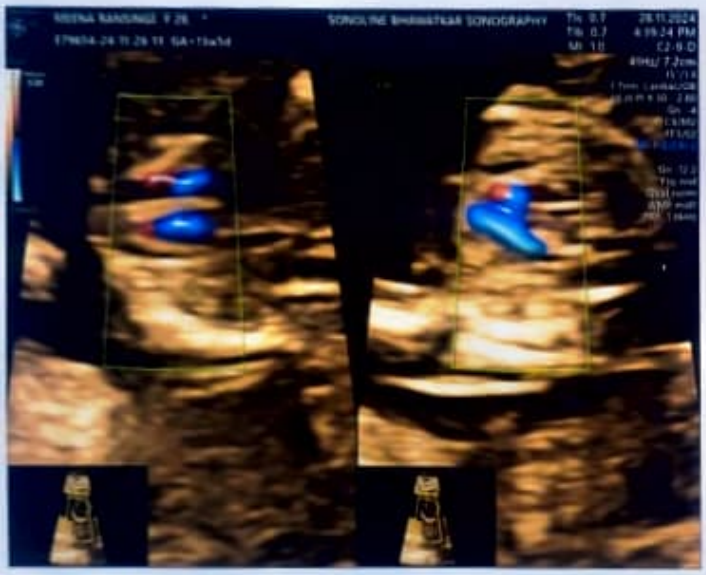


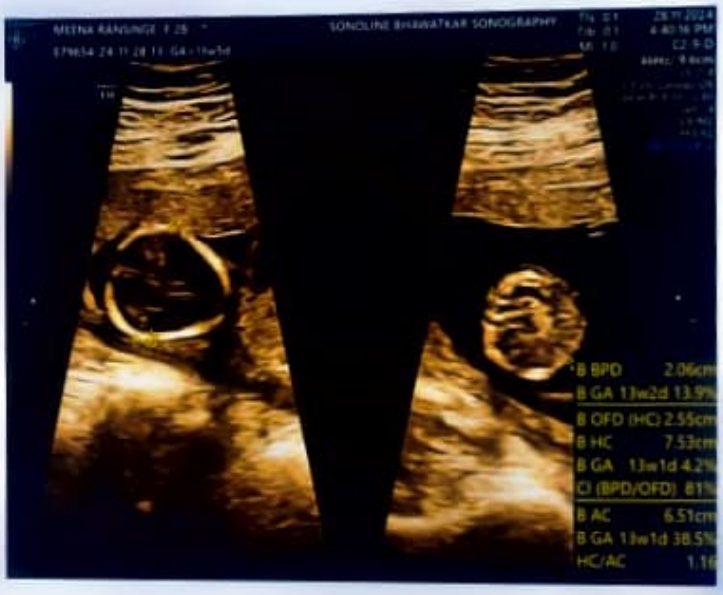


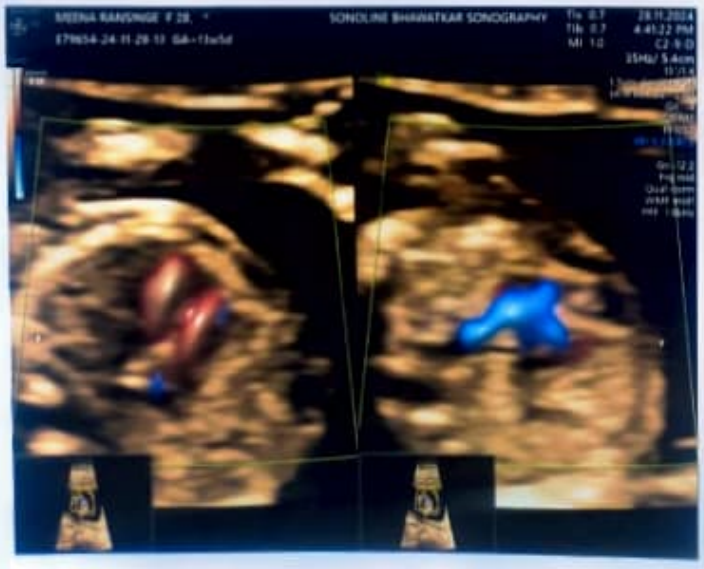



SONOLINE BHAWATKAR SONOGRAPHY


SONOLINE BHAWATKAR SONOGRAPHY


SONOLINE BHAWATKAR SONOGRAPHY


SONOLINE BHAWATKAR SONOGRAPHY
B BPD 2.06cm
B GA 13w2d 13.9%
B OFD (HC) 2.55cm
B HC 7.53cm
B GA 13w1d 4.2%
CI (BPD/OFD) 81%
B AC 6.51cm
B GA 13w1d 38.5%
HC/AC 1.16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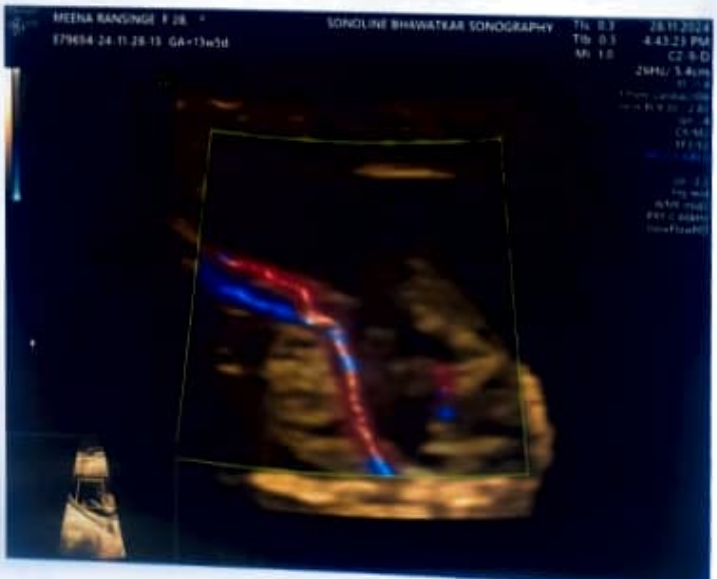
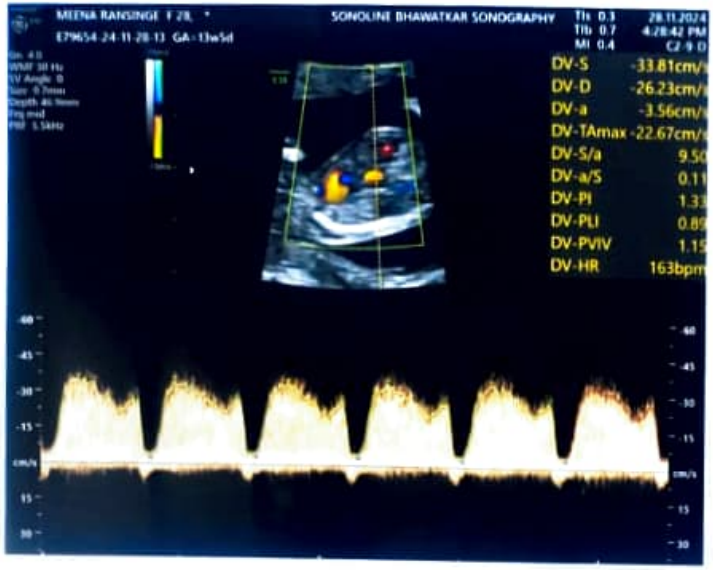
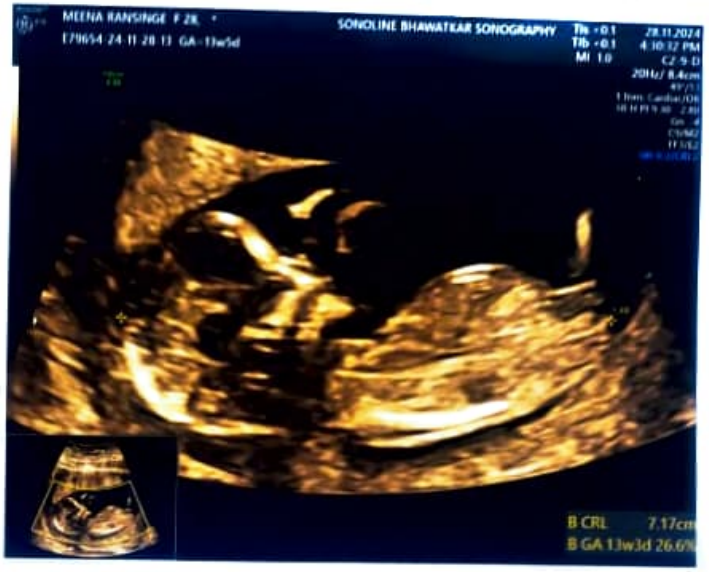
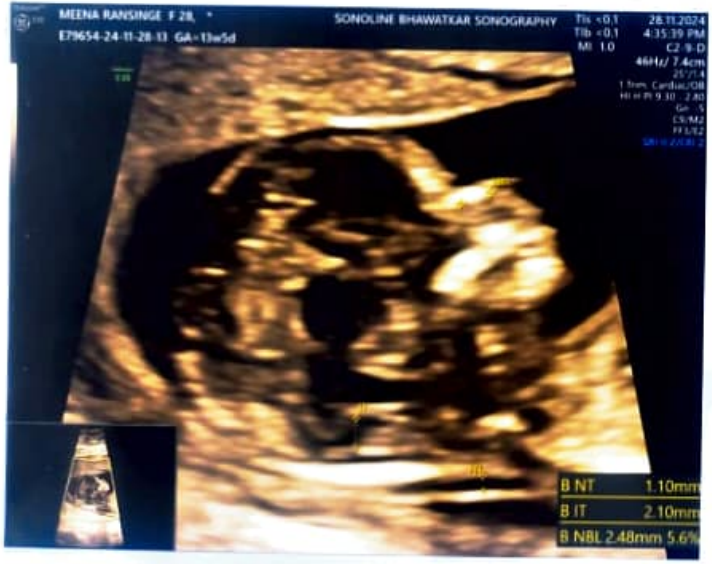
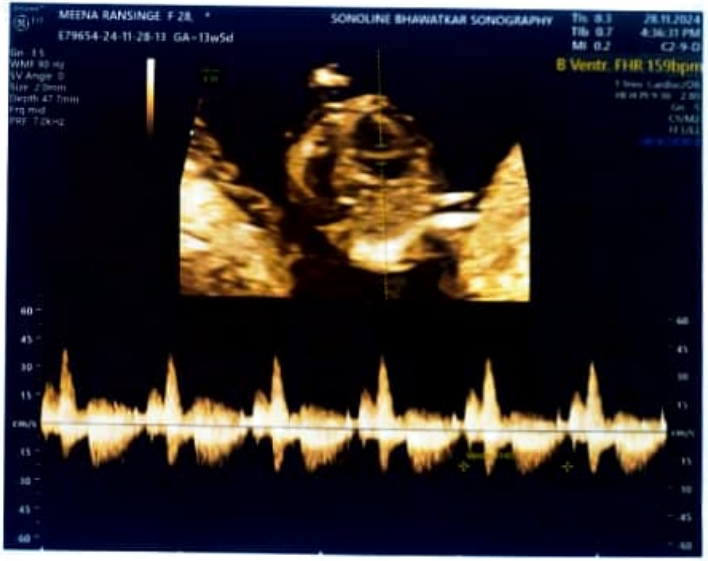

SONOLINE BHAWATKAR SONOGRAPHY


MEENA RANSINGE F 28,
E79654-24-11-28-13 GA-13w5d
SONOLINE BHAWATKAR SONOGRAPHY
28.11.2024
4:28:42 PM
DV-S -33.81cm/
DV-D -26.23cm/
DV-a -3.56cm/
DV-TAmax -22.67cm/
DV-S/a 9.50
DV-a/S 0.11
DV-PI 1.33
DV-PLI 0.89
DV-PVIV 1.15
DV-HR 163bpm


MEENA RANSINGE F 28,
E79654-24-11-28-13 GA-13w5d
SONOLINE BHAWATKAR SONOGRAPHY
28.11.2024
4:10:12 PM
B CRL 7.17cm
B GA 13w3d 26.6%


MEENA RANSINGE F 28,
E79654-24-11-28-13 GA-13w5d
SONOLINE BHAWATKAR SONOGRAPHY
28.11.2024
4:35:39 PM
B NT 1.10mm
B IT 2.10mm
B NBL 2.48mm 5.6%


MEENA RANSINGE F 28,
E79654-24-11-28-13 GA-13w5d
SONOLINE BHAWATKAR SONOGRAPHY
28.11.2024
4:36:11 PM
B Ventr. FHR 159bpm

Biometry (mm)

CRL	69.1. 13W 1D	(26%)
BPD	23.2. 13W 6D	(44%)
HC	85. 13W 5D	(29%)
AC	70.2. 13W 4D	(52%)
FL	11.3. 13W 2D	(33%)

Fetal doppler

DuctusVenosus PI	0.82	(47%)

IT - 2 mm

Aneuploidy Markers (mm)

Nasal Bone	2.62 Seen	(12%)
NT	1.2 Normal	(4%)
Ductus Venosus	Normal flow	
Tricuspid Regurgitation	No TR	

Fetal Anatomy

Intracranial structure appeared normal. Midline falx seen .

Both lateral ventricle appeared normal..

No identifiable lesion seen .

Neck appeared normal.

Foetal spine, appears normal

No evidence of cleft /palate seen

No evidence of significant open neural tube defect seen.

Foetal face seen in coronal and profile views.

Both orbits nose and mouth appeared normal.

SONOLINE (M) 9881725969
BHAWATKAR DIAGNOSTIC CENTRE

Dr. Mrs. Manisha Bhawatkar
MBBS, DMRE (FMF203671)
(Mumbai)
Reg No 1025/03/2003 *Consultant in FETAL MEDICINE & RADIOLOGIST Certified fellow SCHOLAR MD, INDIA.*

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(Govt. medical college, Nagpur)
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101, Karamsheel Heights ,Infront Of Maharashtra Emporium ,Dr Ambedkar Marg, Indora Square , Nagpur (Ph 2644889)

Patient name	Mrs. MEENA RANSINGE	**Age/Sex**	28 Years / Female
Patient ID	E79654-24-11-28-13	**Visit no**	1
Referred by	Dr. V PUNSHI	**Visit date**	28/11/2024
LMP date	24/08/2024, LMP EDD: 31/05/2025[13W 5D]		

OB - First Trimester Scan Report

Indication(s)

NT SCAN (TWINS)

Real time B-mode ultrasonography of gravid uterus done.

Route: Transabdominal

Twin intrauterine gestation

Type of twinning

Dichorionic Diamniotic Twin

Maternal

Cervix measured 4.86 cm in length.

INTERNAL OS CLOSED

Right Uterine	1.84	(69%)
Left Uterine	2.28	(95%)
Mean PI	2.06	(82%)

Fetus A

Survey

Placenta	: Anterior **Towards cervix**
Liquor	: Adequate
Umbilical cord	: TWO VESSEL CORD SEEN **Single umbilical artery noted.**
Fetal activity	: Fetal activity present
Cardiac activity	: Cardiac activity present Fetal heart rate - 157 bpm

Both lungs seen. No evidence of pleuropericardial effusion seen.

No evidence of SOL in thorax .

Normal cardiac situs .Four chambers ,three vessels view normal. .Overall heart appeared normal . Cardiac situs normal.

Abdominal situs appeared normal.

Normal insertion of three vessel cord seen.

Stomach and bowel appeared normal .

All four limbs overall appeared normal.

No obvious congenital anomaly noted as per this scan .

Fetus B

Survey

Placenta	: Posterior **Towards Fundus**
Liquor	: Adequate
Umbilical cord	: **Doubtfull single umbilical artery noted** .
Fetal activity	: Fetal activity present
Cardiac activity	: Cardiac activity present Fetal heart rate - 159 bpm

Biometry (mm)

CRL	72.2, 13W 2D	(36%)
BPD	20.6, 13W 1D	(21%)
HC	72, 13W	(4%)
AC	65.1, 13W 1D	(42%)
FL	12.2, 13W 4D	(42%)

Fetal doppler

DuctusVenosus PI 0.85 (51%)

IT - 2.1 mm

Impression

DICHORIONIC DIAMNIOTIC TWIN GESTATION CORRESPONDING TO A GESTATIONAL AGE OF 1
WEEKS 5 DAYS
FETUS A,B - INTRAUTERINE
GESTATIONAL AGE ASSIGNED AS PER LMP
CRL DISCORDANCY :
FETUS A - 4%

EDD 31-05-2025 is assigned as per LMP

FETUS (B) : DOUBTFULL SINGLE UMBILICAL ARTERY .

FETUS (A) : ISOLATED SINGLE UMBILICAL ARTERY .

THESE CONFIRMATION AT ANOMALY SCAN .

NOTE :: As this is isolated finding risk of aneuploidy or chromosomal abnormality is less in this case .However There is an increased risk of intrauterine and intrapartum deaths among fetuses with SUA. There is also an increased risk of intrauterine growth restriction, prematurity and mortality among neonates with SUA when compared with those with a three-vessel cord.

PLS RULE OUT POSSIBILITY OF IMPERFORATE ANUS IN LATE 2ND OR 3RD TM.

Preeclampsia risk from history only

< 37weeks : 1 in 55

Preeclampsia risk calculated from MATERNAL CHARACTERISTIC plus MAP & MEAN UT.ART. PI AS the risk is 1 in 84 which is VERY HIGH RISK

Hence suggested tablet ASPRIN 150mg daily at night till 36weeks

Highly recomended to incorporate this new PE risk with serum PAPP A to derive the final risk for Preeclampsia/FGR

Mrs. MEENA RANSINGE / E79654-24-11-28-13 / 28/11/2024 / Visit No 1

First trimester screening for Downs

Maternal age risk 1 in 1083

Fetus	Risk estimate - NT	Risk estimate - NT + NB	Markers name
A	1 in 3185	1 in 10618	Nasal Bone Present
B	1 in 6371	1 in 10618	Nasal Bone Present

Disclaimer

I DR. ASHISH BHAWATKAR NEITHER DETECT NOR DISCLOSED THE SEX OF THE FOETUS TO THE PATIENT OR RELATIVE IN ANY MANNER.

Dr.ASHISH BHAWATKAR
DMRD,BCFRG,ACFRG.
NATIONAL FELLOW SCHOLAR MD.
FMF (U.K.) CERTIFIED.(FMF ID : 203670)
TRAINED AT FETAL MEDICINE & INFERTILITY CENTRE .CIMAR,COCHIN.
TRAINED FOR FETAL ECHO AT MEDISCAN ,CHENNAI.
CONSULTANT FETAL MEDICINE EXPERT & RADIOLOGIST.

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Risk for preeclampsia

Report date 28-11-2024
Examination date 28-11-2024
Gestational age 13^{+2} weeks

2240E9BA8C972A

Maternal characteristics

Age in years 28.5
Height in cm 152
Weight in kg 75
Racial origin South Asian
Smoking during pregnancy No
Family history of preeclampsia No
Method of conception Spontaneous
Singleton or twins Twins (Dichorionic)

Medical history

Chronic hypertension No
Diabetes type I No
Diabetes type II No
Systemic lupus erythromatosus No
Anti-phospholipid syndrome No

Obstetric history

Parity Nulliparous

Biophysical measurements

Mean arterial pressure 82 mmHg (0.906 MoM)
Uterine artery PI 2.0 (1.506 MoM)
Measurement date 28-11-2024

Preeclampsia risk from history only
< 37 weeks: 1 in 55

Preeclampsia risk from history plus MAP, UTPI
< 37 weeks: 1 in 84 (VERY HIGH RISK) CUT OFF IS 1 IN 150