



REPORT OF M-MODE / 2 -DIMENSIONAL / DOPPLER / COLOUR FLOW MAPPING /
CONTRAST ECHOCARDIOGRAPHY,

Name : MRS. KALYANI KUMARI
LMP: 23.08.2025

Date : 21.01.2026

Age Years
Refd. By : DR. AMITA BHARTI MBBS,MS

FETAL ECHOCARDIOGRAPHY

Single live intrauterine fetus of 21wks 0days of gest age in variable lie & presentation at the time of scanning. However since it is an early scan, a review scan suggested after 2-3wks.

Fetal heart & great vessels were evaluated with 2 D ultrasound, colour doppler & duplex Doppler

Echo findings:

Visceral situs: Situs solitus



Cardiac situs: Levocardia

Cardiac size: Normal

Pericardial effusion: Nil

Fetal heart rate— 158B/M

Rhythm: Regular

Atria- Normal, equal in size with normal foramen ovale.

Ventricles: Normal, equal in size.

Veno-atrial, atrio-ventricular, ventriculo-atrial relations-Concordant

Septal defects: No VSD detected

A-V valves: Normal, No tricuspid regurgitation evident.

Outflow tracts & 3 vessel view-Normal

Pulmonary & aortic valves: Normal, No obvious evidence of stenosis.

Ductal & aortic arches: Normal.

Note-Fetal echo scan has technical limitations inherent to ultrasound & Doppler evaluation & its quality is further affected by superadded variables such as maternal obesity, amount of liquor, fetal position & gest. age at the time of evaluation. In literature the accuracy of detailed fetal echo has a wide range of sensitivities ranging between 5%-91%. Most of the people opine that only half of the cardiac abnormalities can be detected prenatally-so results should always be seen in this perspective.

I Dr Jaishree declare that while doing the fetal echo on Mrs. KALYANI KUMARI, I have not detected nor revealed the sex of the fetus to her/anybody in any manner.

Dr. Jaishree
M.B.B.S., D.M.R.D.
CONSULTANT RADIOLOGIST
& SONOLOGIST

Radiologist
Dr. Jaishree
M.B.B.S.
Reg. no. 82487 31018



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USG FOR FETAL WELL BEING

NUMBER : SINGLE

LIE : Variable

PRESENTATION : Variable

Measurements	Cms.	Weeks	Days
Biparietal diameter (BPD)	4.92cm	20Wks	6Days
Head Circumference (HC)	17.87cm	20Wks	2Days
Abdominal circumference(AC)	16.51cm	21Wks	4Days
Femur Length(FL)	3.49cm	21Wks	0Days

Estimated Fetal Age - 21wks 0days E.D.D : 03.06.2026

Approx weight 406+60gms. F.H.R : 158 beats/min

F. Movement Present. Placenta Upper Posterior (Grade I maturity).

Umbilical Cord 3 vesselled Liquor Adequate, Largest pocket- 5.3cm

Cervical Length 4.7cm

Any cong.anomaly Bilateral club foot noted.

IMPRESSION : (1) Single live intrauterine fetus of 21wks 0days approx of gestational age in variable lie (fetus mostly in prone position during scanning).
 (2) Liquor is adequate.
 (3) Bilateral club foot noted. Post natal evaluation/Fetal MRI suggested.

I DR. JAISHREE declare that while conducting ultrasound on Mrs. KALYANI KUMARI, I have neither detected nor disclose the sex of her fetus to anybody in any manner

RadiologistDr. Jaishree
MBBS DM RD
Reg. no BCMR 31018

Note: This study does not guarantee detection of all congenital anomalies. Detection of fetal anomalies depends on the gest. age, fetal position, adequacy of liquor & other variables at the time of scanning. An anomaly can also be missed due to changing fetal position, position of fetal limbs & heart. Hence all congenital anomalies may not be detected on a single scan. This study does not include fetal echo. Hence cardiac anomaly cannot be entirely excluded.

Dr. Jaishree
M.B.B.S., D.M.R.D.
CONSULTANT RADIOLOGIST
& SONOLOGIST

Facilities : • ECG • Digital X-Ray (300 MA Siemens) • All Contrast Studies (IVP, RGU-MCU, HSC etc.)
 • USG (Ultrasound) + Colour Doppler • Echo Doppler • Trans Vaginal USG (TVS) • Vascular Doppler • TMT • PFT • Holter
Time : 9.30 AM to 7.30 PM (Monday to Saturday); 9.30 AM to 1.30 PM (Sunday)

(Please correlate clinically, not for medico-legal purpose)



RSRC Radiology Solutions and Research Centre Pvt. Ltd.

Arya Kumar Road (HDFC Bank ने राहा है) Rajendra Nagar, Patna - 16

Mob. No. 9334178587
Ph. No. 0612-2660294

Most advance ultrasound shear wave elastography Liver diseases, Breast malignancy, Thyroid, GB, malignancy etc.
Dr. Rajesh Kumar Sahu
MBBS (RAN), MD(RD)
Ex. Consultant Apex Orthopaedic Institute

Dr. Azhar Hussain Ansari
MBBS (JSB), MD(RD)
Ex. SR. Lilavati Hospital (Mumbai)
Ex. Lecturer, JIMS (AIHU).

Dr. Achyuta Nand Jha
MRBS (PAT), MD(RD) Gold Medallist
Ex. SR. Janki Bharia Imaging (Mumbai), SGPRI (Ludhiana)
NIMHANS, BANGALORE

Patient Name :-	KALYANI KUMARI
AGE & Sex :-	32 Y/F
DATE :-	23.01.2026
Referred BY :-	DR. AMITA BHARTI MS (GYNAE & OBST.)

THANKS FOR REFERRAL

MRI FETUS (1.5 T)

Technique: Multiecho MR imaging of the placenta done on 1.5 Tesla Superconducting magnet (Siemens Spectra System).

LMP: 23.08.2025, POG - 21 Wks 0 Days

INDICATION: Suspected club foot.

OBSERVATIONS:

The study reveals a single live intrauterine fetus in situ.

Fetus is showing breech presentation.

Liquor is normal.

PLACENTA: is anterior left lateral in mid uterine segment. Its lower end margin is well above the os, approx. 8 cm from the internal os.

Fetal brain is normal for the age.

Normal bilateral eyeballs.

Fetal Spine: grossly normal. No evidence of open neural tube defect.

The fetal lung fields and domes of diaphragm appear unremarkable.

The visualized fetal abdominal viscera are unremarkable.

Bilateral lower limb shows evidence of club foot (likely isolated).

Normal upper limbs.

No evidence of exomphalos.

USG correlation also done and film attached.

Please correlate clinically & with other relevant imaging investigations also.

I Dr. Rajesh Kumar Sahu, declare that while conducting MRI on Mrs. Kalyani Kumari, I have neither detected nor disclosed the sex of the fetus to anybody in any manner.

Dr. Rajesh Kumar Sahu

MOST ADVANCE MRI

ECHO CARDIOGRAPHY

OPINION MUST BE CORRELATED WITH CLINICAL & OTHER INVESTIGATIONS FOR DIAGNOSIS

Dr. Azhar Hussain Ansari

ADVANCE 4D DYNAMIC VOLUME CT

3D/4D ULTRASOUND/LIVER ELASTOGRAPHY

Dr. Achyuta Nand Jha

MOST ADVANCE ULTRASOUND

COLOR DOPPLER / DIGITAL X-RAY

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Name : **MRS. KALYANI KUMARI** Age Years
 LMP- 23.08.2025 Date 21.01.2026 Refd By **DR. AMITA BHARTI** MBBS

USG FOR FETAL WELL BEING (LEVEL II)

FETAL BRAIN: Appears sonographically normal. Atrial width—5.5mm. Cisterna magna -5.4mm. Transverse cerebellar diameter—20.4mm. Nuchal thickness—2.1mm.

FETAL FACE:- No evidence of cleft lip. Inter orbita diameter—8.5mm. Nasal bone—5.7mm.

FETAL HEART: Normal 4 chamber heart with normal situs, rate & rhythm. Levocardia. Normal RVOT&LVOT noted. However, study does not include a detailed fetal echo scan.

FETAL ABDOMEN:- Appears sonographically normal. Normal cord insertion, normal echogenicity of bowel loops. Gastric shadow seen. Peritoneum appears normal. No evidence of ascites.

FETAL KIDNEYS: Both kidneys appear normal. No evidence of calyceal dilatation in either kidneys.

FETAL U BLADDER:- Normal distended.

FETAL SPINE: Ossification centres are parallel. Sacral tapering seen. Overlying skin line intact. No evidence of neural tube defect seen.

FETAL LIMBS: **Mild clubbing of the both feet noted.** Otherwise, fore & hind limbs appear normal. Normal orientation to trunk. No bowing seen. The proximal & distal segments appear normal. No evidence of polydactyly/syndactyly. Normal ossification noted.

UMBILICAL ARTERY: Normal colour flow study of umbilical arteries.

MIDDLE CEREBRAL ARTERY: Normal flow.

DUCTUS VENOSUS: Normal forward flow seen throughout the cycle.

BOTH UTERINE ARTERIES: Normal low resistance high diastolic flow seen in left uterine artery (PI-0.54) whereas raised resistance, low diastolic flow seen in right uterine artery (PI-2.22). However, mean PI of both uterine arteries is -1.38WNL.

IMPRESSION: (1) Bilateral club foot noted.

(2) Otherwise, sonographically normal study. No other sonodetectable anomaly seen. Normal colour Doppler study of vessels.

Note- Level II scan has technical limitations inherent to ultrasound & its quality is further affected by maternal obesity, amount of liquor, fetal position & gest. age at the time of evaluation. Anomalies of the gut such as distal small bowel & large bowel atresias may not be diagnosed during level II scan owing to gest. age. In literature, level II has sensitivities ranging from 85-96% so results should always be seen in this perspective.

Dr. Jaishree
 M.B.B.S., D.M.B.B.S.
CONSULTANT RADIOLOGIST
& SONOLOGIST

Radiologist

Dr. Jaishree
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Facilities : • ECG • Digital X-Ray (300 MA Siemens) • All Contrast Studies (IVP, RGU-MCU, HSC etc.)
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NABH ACCREDITED HOSPITAL

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पाटलीपुत्रा स्टेशन, पानी टंकी के सामने, गाँधी नगर, रोड नं०- 5B पटना
Patna Contact No. : 9006982665 | Bihta Contact No. : 7761015342



Dr. Amita Bharti

MBBS (Hons), MS (PMCH), PGDML
Fellow (Cosmetic Gynaecology & Sexual Medicine)
Certified in Ultrasonography
Life Member - Indian Society of Aesthetic Medicine
Member - Sexual Health Committee, FOGSI
BCMR 34221



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(बुधवार एवं शनिवार को अवकाश)

Name Kalyani Kumari Age 31 years

Address Grandhiengate Weight 69 kg Pulse B.P. 110/70

Regd. No. C10 4 1/2 months pregnancy; come for ANC Date 28/12/2025

Clinical Findings

C/O GIE pt, E, 0° chest

M/H

O/H

P/A

P/S

P/V

INV

CVS3NAD

P/A wt 18 week

EB+

Diagnosis	Medicine Name	Dosage	Frequency	Duration
end II scar with foetal echoangiography after 4 weeks	1. Tab. Nitrogen 2 - 1x2			
	2. cap. Cervical - 1x2			
	3. Tab. Coladerex - 1x1			
	4. Tab. Delisprin - 1x1	(150mg)		
	5. Heparin (5000 IU) - 1 cap			seod
			for 1 month	
	6. cap. Fulline 360 - 1x1			

Next visit on: _____

7. TCA 1 month.

Important Instructions to Patient-

- Take medicines as prescribed.
- Report immediately if any allergic reaction, severe pain, or bleeding.
- Do not self-medicate or change dose without consultation.
- Maintain personal hygiene and hydration.

Doctor's Signature & Seal
(Digital or handwritten)

Dr. Amita Bharti

Advance Orthopedic and Maternity Centre

बिहार क्लिनिक:- बिहार चौराहा, आरा रोड, प्रत्येक सोमवार, बुधवार एवं शनिवार 12:00 AM से 04:00 PM तक

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