



PNDT/PAT-435/2013

Mob.: 9835491585, 9835217474

**SHREE DIAGNOSTICS**

Choudhary Sweets Lane, Near UCO Bank, Samanpura, Raja Bazar, Patna-800014

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 BHAIRI 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 &amp; 3 vessel view-Normal

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

Ductal &amp; 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**

MBBS DMRD

Reg no. BOMR 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 vesseled 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

Radiologist

Dr. Jaishree  
MBBS DMRD  
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, p. in relation to 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 co-relate clinically. not for medico-legal purpose)





# RSRC Radiology Solutions and Research Centre Pvt. Ltd.

Arya Kumar Road (HDFC Bank के सामने) Rajendra Nagar, Patna- 16

Mob. No. 9334178587  
Ph. No. 0612-2665794

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 (JRB), MD(RD)  
Ex SR, Lilavati Hospital (Mumbai)  
Ex Lecturer, IAS (BHU).

**Dr. Achyuta Nand Jha**  
MBBS (PAT), MD(RD) Gold Medalist  
Ex SR, Jankiaria Imaging (Mumbai), SGPGI (Lucknow)  
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:** Multiccho 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 exomphalous.

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

**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

OPINION MUST BE CORRELATED WITH CLINICAL & OTHER INVESTIGATIONS FOR DIAGNOSIS



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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 centre 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 -1.38 WNL.

**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**  
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Radiologist

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NABH ACCREDITED HOSPITAL

एडभांस ऑर्थोपेडिक एण्ड मेटरनिटी सेन्टर



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



24 घंटे सेवा उपलब्ध है।  
फीस 25 दिन पर लगेगा।

OPD: Daily 9:00 AM - 1:00 PM

(Except Wednesday & Saturday)

ओपीडी: प्रतिदिन सुबह 9:00 बजे से 1:00 बजे तक  
(बुधवार एवं शनिवार को अवकाश)

Name Kalyani Kumari Age 31 years  
Address Grandhienagar Weight 69 kg Pulse 70 B.P. 110/70

Regd. No. C/O 4 1/2 months pregnancy; come for ANC Date 28.12.2025

Clinical Findings

C/O  
M/H  
O/H  
P/A  
P/S  
P/V  
INV  
GIE P+, E°, O° chest  
CVS 3 NAD  
P/A ut 18 week  
EB+

Diagnosis

Treatment

S.No.	Medicine Name	Dosage	Frequency	Duration	
1.	Tab. Hingon	2	1x2	1 month	
2.	cap. Gement	1	1x2		
3.	Tab. cobader	1	1x1		
4.	Tab. Delispris	1	1x1	for 1 month	
5.	Tab. Heparus	5000 D	1 cap		2x1
6.	cap. Fullas	360	1x1		

encl II scan  
with fetal  
echocardiography  
after 4 weeks.

Next visit on: 7. Dec 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

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

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