



FETUS ORGAN SPECIFIC EVALUATION

Skull & Brain:

- Skull bones appear ossified and normal in shape.
- Cavum septum is visualized.
- Ventricle diameter ~ 6.2 mm. No evidence of hydrocephalus.
- Cerebellar diameter ~ 17.1 mm.
- Cisterna magna measures ~ 3.2 mm, normal.
- Nuchal fold thickness measures ~ 2.7 mm, normal.

Face:

- Hypoplastic calcified nasal bone is seen, measures upto 3.2 mm.
- Inter orbital diameter ~ 13.1 mm, normal.
- Outer orbital diameter ~ 28.2 mm, normal.
- Chin & lips view appears normal.

Spine:

- Whole spine is visualized and normal.
- Normal 3 ossification is noted.

Heart:

- Cardiac position- levocardia, cardiac apex directed towards left side.
- Four chamber view and outflow tracts (RVOT, LVOT) appear normal.
- 3 vessel view is seen.
- AV ratio is normal. No obvious chamber enlargement noted. No obvious ventricular septal defect is seen.

Skeletal:

- All 4 limbs are visualized. No gross limb abnormality noted.

Chest:

- Chest circumference within normal limits. Both the lungs are homogeneous echogenic.
- Both the hemidiaphragm appear normal in shape. No evidence of diaphragmatic hernia seen.
- No pleural effusion is noted.
- No abnormal vascular supply from thoracic/abdominal aorta is seen.

Abdomen:

- Stomach bubble is visualized and is normal in position.
- No abnormal defect is seen in anterior abdominal wall.
- No ascites noted. No evidence of omphalocele. No dilated echogenic bowel loops.

Renal:

- Bilateral kidneys are visualized and appear normal. Bilateral mild dilatation of pelvi-calyceal system noted. AP renal pelvic diameter measures 6.4 mm on right side and 5.2 mm on left side.
- Urinary bladder is distended.

IMPRESSION:

- Single live intrauterine fetus with gestational age as described.
- Hypoplastic calcified nasal bone.
- Mild bilateral pyelectasis as described above.

Quadruple marker test is advised

Consultant Radiologist
Dr. Avindra Singh (M.D.)
Reg No. MP-17148

Consultant Radiologist
Dr. Sanjeev K Shukla (M.D.)
Reg No. MP-14228

Consultant Radiologist
Dr. Shivya Parashar (M.D.)
Reg No. MP- 23586

It is a professional opinion, not valid for medico legal purpose.



PT. NAME :	MRS. DIVYA JAIN	AGE/SEX :	31 Y/ F
REF. BY :	DR. PRIYA SINGH (MD, MBBS)	DATE :	21.03.2023

INVESTIGATION: TARGET SCAN (LEVEL II)

2ND TRIMESTER USG MARKERS

Ventricular diameter	6.2 mm
Choroid plexus cyst	Not seen
Cisterna magna	3.2 mm, normal
NFT	2.7 mm, normal
Interorbital diameter	13.1 mm, normal
Outerorbital diameter	28.2 mm, normal
Nasal bone length	Hypoplastic calcified nasal bone is seen (3.2 mm).
Prenasal thickness / nasal bone length	Less than 0.76, normal
Facial profile	Normal
Echogenic cardiac foci	Not seen
Pyelectasis	Mild bilateral pyelectasis seen.
Hyperechoic bowel	Not seen
Femur length or humerus length	Normal for GA
Clenched fist and overlapping digits	Not seen
Three vessel cord	seen

P.T.O.

PATIENT NAME: MRS. DIVYA JAIN		DATE: 11-Feb-2023 11:28:51	
PATIENT ADDRESS: 24 VIVEKANAND CALONY AMADHPURI BHOPAL		AGE/SEX: 31 Years 1 Months / Female	
REFERRAL: Prita Singh - Gynaecologist		MOBILE NO.: 7999910561	
REFERROR: Prita Singh - Gynaecologist		UHD NO: NMH/116344	
		OPD NO.: OPD/135151	
OPD INITIAL ASSESSMENT FORM			
YES <input checked="" type="checkbox"/> No <input type="checkbox"/>	MEDICATION: NA	FOOD: N/D w/ w/ w/	
DATE OF ONSET:	PULSE: 103/m.	CURRENT STATUS: Stable	
RESP:	BMI: 1	WEIGHT: 59.5 kg	
<p>COMPLAINT: +1V case</p> <p>ER COMPLAINT:</p> <p>HISTORY: ANC 5 months.</p> <p>ICD10 HISTORY: en med.</p> <p>RITUAL SCREENING: Done @ diet</p> <p>ICE: Amnionchor 4 m x 6</p> <p>LM - 9/11/22</p> <p>30D - 16/8/23</p> <p>9H - Prim</p> <p>ML - 1 1/2 year</p> <p>USG - NT Scan for Fetus</p> <p>- Target Screening (9/13/23)</p> <p>- Quadruple Test (9/13/23)</p>			
YES <input type="checkbox"/>		NO <input type="checkbox"/>	

Dr. PRIYA SINGH
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Back

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PT. NAME :	MRS. DIVYA JAIN	AGE/SEX :	31 Y/ F
REF. BY :	DR. PRIYA SINGH (MD, MBBS)	DATE :	21.03.2023

INVESTIGATION: OBSTETRIC ULTRASOUND

LMP = 09/11/2022 GA (LMP) = 18 weeks 6 days EDD (LMP) = 16/08/2023

FINDINGS:-

- Single live intrauterine fetus with variable presentation at the time of scan.
- Fetal cardiac activity regular (FHR = 154 b/min). Fetal movements present.
- Placenta: Fundo-anterior, grade I maturity.
- Liquor: Adequate (AFI ~ 9.2 cm).
- Cervical length is normal (~ 3.6 cm). Internal os closed.
- No loop of cord around the neck at present.

FETAL PARAMETERS:

	Measurements	Corresponding Gestational Age
BPD	4.1 cm	18 weeks 3 days
HC	15.3 cm	18 weeks 2 days
AC	13.3 cm	18 weeks 6 days
FL	2.6 cm	18 weeks 1 day

Avg. GA By USG: 18 weeks 2 days \pm 1 week 0 day.

Estimated Fetal Wt.: 240.49 gm \pm 36.07 gm.

IMPRESSION: Single live intrauterine fetus of 18 weeks 2 days \pm 1 week 0 day with variable presentation at the time of scan.

- EDD by USG : 20/08/2023

Declaration of the doctor/person conducting Ultrasound/Image scanning.

I, **Dr. Arvindra Singh** (Name of the doctor conducting ultrasound) declare that while conducting ultrasound/ image scanning on **Mrs. Divya Jain** (Name of pregnant woman), I have neither detected nor disclosed the sex of the fetus in any manner.

Consultant Radiologist
Dr. Arvindra Singh (M.D.)
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Mrs. Divya Jain 31/11

Height - 5.3 ft

Weight - 59.5 kg

DOB - Age - 23/06/1991