



KRISHNA DIAGNOSTICS

Dr. Deepannita Chaudhari

MBBS (Mumbai) MD, DNB Pathology
Ex. Consultant Pathologist Orchid Hospital, Jalgaon
Ex. Consultant Pathologist
SSA, Chintamani Hospital, Jalgaon
Ex. Assistant Professor BJMC,
Sassan Hospital, Pune

Dr. Nikhil Chaudhari

MBBS (Mumbai) DNB Radiodiagnosis
Ex. Consultant Radiologist (Ultrasound CT & MRI) Centre Jalgaon
Ex. Consultant Radiologist (Ultrasound) Centre, Jalgaon
Ex. Clinical Associate (Ultrasound) Hospital, Mumbai
Ex. Registrar Tata Memorial Hospital, Mumbai
Ex. Registrar KEM Hospital, Mumbai

Name	: MRS. Sapna Rupesh Chitte	Age/Sex	: 26 YEARS/F
Ref By	: Dr. SWATI N. PATIL (M.B.B.S.)	Date	: 06 Apr 2024

USG OBSTETRICS : NT SCAN

On real time B-mode sonography gravid uterus contains a single gestational sac with single live fetus. Normal cardiac and somatic activity is seen in the fetus. FHR is 168 bpm.

Fetal anatomy

Head :-

Cranial vault appears normal. Choroid plexus appears normal.
Butterfly sign is present.
Interhemispheric fissure is seen.

Neck :-

No e/o cystic lesion/mass seen.

Spine:-

Visualized part of spine appears normal. No obvious open neural tube defect.

Face :-

Orbits and Pre-maxillary triangle appear normal.
Midline mandibular gap is seen. Normal face profile seen.

Chest :-

No obvious pleural effusion or mass seen.

Heart :-

Heart size is normal and appears four chambered. Cardiac situs is normal.

2 mm echogenic focus is seen in the left ventricle.

Two normal atrio-ventricular inflows and outflow tracts noted.

No e/o aberrant right subclavian artery (ARSA) seen.

Abdomen:-

Stomach bubble present and seen on left side.

Abdominal wall is intact. No e/o omphalocele seen.

Cord insertion is normal. 3 vessel cord is seen.

Echogenic bowel loops are seen.

KUB :-

Urinary bladder present. No e/o megacystis seen.

Both kidneys are normal.

Extremities:-

All four limbs are seen.

Active flexion & extension is seen.

Open hands seen. No e/o club foot seen.



Dr. Nikhil Chaudhari

MBS (Mumbai) DNB Radiodiagnosis
Ex. Consultant Radiologist Gujarat CT & MRI centre Jalgaon
Ex. Consultant Radiologist Mammography centre, Jalgaon
Ex. Clinical Lecturer Laxmi Hospital, Mumbai
Ex. Registrar Tata Memorial Hospital, Mumbai
Ex. Registrar KJM Hospital, Mumbai

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Dr. Deepannita Chaudhari

MBS (Mumbai) MD DNB Pathology
Ex. Consultant Pathologist United Hospital Jalgaon
Ex. Consultant Pathologist
SGL Charitable Hospital, Jalgaon
Ex. Assistant Professor BJMC,
Sawcon Hospital, Pune

First Trimester Aneuploidy Markers	Findings	Remarks
Nasal bone	Present (3.7 mm)	Normal
Tricuspid Doppler	No tricuspid regurgitation seen	Normal
Ductus Venosus doppler	No reversal of "a" wave is seen	Normal
Nuchal translucency (NT)	1.4 mm	Normal
Intracranial translucency (IT)	1.4 mm	Normal

Liquor amnii is adequate. There is e/o 5.1 x 4.6 x 1.4 cm size, volume : 17.6 cc subchorionic bleed seen in the lower portion of gestational sac covering the internal os.

Placenta is fundal, maturity grade 0, normal. Both ovaries are normal.

Cervix is closed, no mass is seen in the uterine walls. **Cervical length is 3.5 cm.**

Right uterine PI : 1.1

Left uterine PI : 1.6

Mean uterine PI value : 1.3 (Normal < 2.3)

GROWTH PARAMETERS:

LMP : 03-01-2024

GA (LMP) : 13 weeks 3 days

EDD (by LMP) : 09-10-2024

GA (USG) : 13 weeks 6 days

EDD (by USG) : 06-10-2024

BPD : 2.24 cm : 13 weeks - 5 days

CRL : 8.04 cm : 14 weeks 0 day

IMPRESSION :

Single live intra-uterine pregnancy of 13 weeks 6 days with subchorionic bleed.

No evidence of any obvious fetal structural anomaly seen in the present scan.

Advice: Quadruple marker screening is suggested in view of soft aneuploidy markers like intracardiac echogenic focus and echogenic bowel loops.

I declare that while conducting ultrasonography on this patient, I have neither detected nor disclosed the sex of her foetus to any body in any manner.


Dr. Nikhil Chaudhari
DNB, Radiodiagnosis
FMF ID: 232441