



GURUKRUPA

DIAGNOSTIC CLINIC

First Centre in Chandrapur District for Fetal Medicine Invasive Procedures.

Dr. Mrs. Prerana N. Kolte

M.B.B.S., D.M.R.D.
Scholar MD Training in Fetal Medicine
Gyn. Imaging & Breast Imaging
Breast Imaging Training - TATA Hos. Mumbai
IOTA Certified
Consultant Radiologist & Sonologist
Breast Imaging & Fetal Medicine Consultant
MMC Regn No. - 81319
Fetal Medicine Foundation U.K. ID - 178567

Patient name	Mrs. KIRTI SINGH	Age/Sex	28 Years / Female
Patient ID	2403227	Visit no	1
Referred by	Dr. RUJUTA MUNDHADA MBBS,MS,DNB	Visit date	23/03/2024
LMP date	24/12/2023, LMP EDD: 29/09/2024 USG - EDD: 01/10/2024		

NT scan - First Trimester Morphology Scan Report with Preclampsia Screening

Indication(s)

NT SCAN

Real time B Mode USG of GRAVID UTERUS done on GE-voluson E6 Radiance Color Doppler unit.

Route: Transabdominal

Single intrauterine gestation

Case History

Gravida - 1, Para - 0, Miscarriage - 0

Maternal

Cervix measured 3.50 cm in length.

Internal os is closed.

Maternal uterine arteries mean PI is 1.6 is at 55th percentile for the age.

Right Uterine	1.36	● (28%)
Left Uterine	2	● (71%)

Fetus

Survey

Placenta anterior in position. Placental thickness 13.6mm.

No previa or retroplacental haematoma.

Liquor adequate for gestation.

Fetal activity present

Cardiac activity present

Fetal heart rate - 154 bpm

Biometry(Hadlock)

BPD 19.3 mm 13W (50%ile)	HC 70.3 mm 12W 6D (34%ile)	AC 57.7 mm 12W 4D (59%ile)	FL 9.5 mm 12W 6D (52%ile)
5% 50% 95%	5% 50% 95%	5% 50% 95%	5% 50% 95%

CRL - 63.1 mm (12W 4D)

Aneuploidy Markers

Nasal Bone : 3.2 mm - Seen

Nuchal translucency : 1 mm.

Ductus venosus : Normal flow.

Tricuspid regurgitation : No TR.

Prerana



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Mrs. KIRTI SINGH / 2403227 / 23/03/2024 / Visit No 1

Fetal Anatomy

HEAD AND SPINE

Fetal head showed midline fatx & normal choroid plexus.
Intracranial translucency 1.9mm.
Normal ossification of skull bone.
Fetal spine is normal.

FACE

Premaxillary triangle seen. Maxillary and Mandibular echoes are normal.
Orbits with lenses visualised.

FETAL HEART AND THORAX

Inflow and outflow tract of fetal heart appeared normal.
No e/o SOL in thorax.

FETAL ABDOMEN

Gastric bubble visualised.
Cord seen with normal insertion on Gestational abdomen.
No e/o omphalocele.
Fetal kidneys seen.
Fetal bladder is distended. Both Umbilical arteries noted.

FETAL EXTREMITIES

All the three segments of both upper limbs & both lower limbs seen.

ON COLOR DOPPLER- Fetal ductus venosus shows normal waveform with normal PI is 0.82

Impression

INTRAUTERINE LIVE GESTATION CORRESPONDING TO A GESTATIONAL AGE OF 12WEEKS 4DAYS.

GESTATIONAL AGE ASSIGNED BY LMP-(24/12/2023)

MENSTRUAL AGE 12WEEKS 6DAYS.

PLACENTA ANTERIOR IN POSITION. PLACENTAL THICKNESS 13.6MM.

NUCHAL TRANSLUCENCY 1MM. WHICH IS AT 11TH PERCENTILE

EDD BY LMP- 29/09/2024

MATERNAL UTERINE ARTERIES MEAN PI IS 1.6 IS AT 55TH PERCENTILE FOR THE AGE.

Advised scan at 20wks to 22wks to assess the interval growth rate and to rule out anomalies.

First trimester screening for Downs

Maternal age risk 1 in 1058

Fetus	Risk estimate - NT	Risk estimate - NT + NB
A	1 in 6224	1 in 20745

Disclaimer

I have neither detected nor disclosed the sex of her foetus to anybody in any manner.

Dr. PRERANA KOLTE
Consultant Radiologist &
Fetal medicine consultant
FMF ID - 178567

THANKS FOR REFERRAL

P.T.O FOR DISCLAIMERS.

Near Kanyaka Mata Chowk, Kasturba Road, Chandrapur. Maharashtra 442 402 ☎ (07172)- 260454, 83904 99908
Sunday Closed

H - 5.3

W - 53

D.O.B - 3/12/1995

L.M.P - 24/12/23