

SHYAM DIAGNOSTIC CENTRE

HIG R6 - E6, Arera Colony,
Near Sai Baba Board, Bhopal - 39.
Reg.No. Path/117/April. 14

Dr. Rakesh Mishra

M.D. (Radiology) FICR

Consultant C.T. & MRI

Regn. No. 7486

: 2424222, 2424233



: 9926013739,

◆ Digital X-Ray ◆ Echocardiography ◆ Ultrasonography & Colour Doppler ◆ Real Time 3D & 4D ◆ TVS/TRS

MRS KAVITA LONGRE

31 YRS/FEMALE

DATE: 29.03.2024

REF BY DR GEETANJALI SHARMA

TARGETED IMAGING FOR FETAL ANOMALIES

(LMP : 14.11.2023 EGA by LMP : 19 WEEKS + 3 DAY)

There is single live fetus with spontaneous movements and regular fetal cardiac activity seen in uterine cavity. FHR is 148 beats per minute. Fetus shows changing position at the time of scan.

Fetal maturity parameters are as follows: -

FETAL MATURITY PARAMETERS	MM	CORRESPONDING GESTATIONAL AGE
BIPARIETAL DIAMETER	47.6	19 WKS + 4 DAYS
HEAD CIRCUMFERENCE	168.4	19 WKS + 1 DAY
CEREBELLUM	20.2	19 WKS + 3 DAYS
FEMUR LENGTH	30.3	19 WKS + 4 DAYS
HUMERUS LENGTH	29.9	19 WKS + 6 DAYS
TIBIA LENGTH	26.3	19 WKS + 3 DAYS
ULNA LENGTH	27.9	20 WKS + 2 DAYS
ABDOMINAL CIRCUMFERENCE	144.2	19 WKS + 5 DAYS

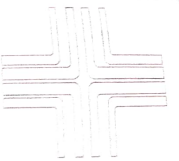
ESTIMATED FETAL WEIGHT: 307 Grams.

Placenta is lying attached to anterior wall of uterus. Grade '0' in maturity. Its inferior margin is touching the os. Cervical length is 3.47 cm.

Amniotic fluid is adequate in amount. AFI is 12.72 cm.

HEAD:

- Head appears normal in size and shape with symmetrical appearance.
- Both lateral ventricles appear normal.
- Midline falx echoes, thalami, both lateral ventricles and both choroids plexus appear normal.
- Posterior fossa structures including cerebellum appear normal.
- Cisterna Magna normal 5.3 mm.




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- ◆ No SOL seen.

(Mrs Kavita Longre 19.03.2024)

SPINE:

- ◆ Full length of vertebral column is visualized in sagittal and axial views and appears to be normal. Spine shows flexion and extension movements.

NECK:

- ◆ No cystic lesion is visible around the fetal neck.
- ◆ Nuchal skin fold thickness measures 2.8 mms.

FACE:

- ◆ Fetal face was visualized in profile and coronal scans.
- ◆ Both orbits, nose and lips appear normal. Binocular diameter measures 30.6 mms.
- ◆ Nasal bone was well visualized.

THOAX:

- ◆ Proportionate fetal thoracic cage.
- ◆ Normal cardiac situs and position.
- ◆ Four-chamber-view and outflow tract view appear normal.
- ◆ Regular rhythm seen. Intact IVS seen.
- ◆ Both lungs are visualized.
- ◆ No evidence of pleural or pericardial effusion.
- ◆ Diaphragm seen intact / No evidence of herniation.
- ◆ No SOL seen in thorax.

ABDOMEN:

- ◆ Anterior abdominal wall appears intact.
- ◆ Normal abdominal situs.
- ◆ Fetal stomach bubble is seen in its normal location (left upper abdomen), an fetal stomach and bowel appear to be normal.
- ◆ No ascites.

URINARY TRACT:

- ◆ Both kidneys are normal in size. No pelvicalyceal dilatation.

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- ◆ Urinary bladder appears normal.

LIMBS:

- ◆ All the four limbs are seen and show movements. The long bones appear normal for the period of gestation.
- ◆ Both the hands and feet appear to be grossly normal. (Finger/toes not counted).

UMBILICAL CORD:

- ◆ Cord appears normal and reveals two arteries and one vein.
- ◆ It shows normal insertion at the umbilicus.

IMPRESSION: SINGLE LIVE FETUS IN UTERINE CAVITY ESTIMATED FETAL AGE IS 19 ½ WEEKS + 4 DAYS OF GESTATION. LOW LYING PLACENTA. NO OBVIOUS SONOGRAPHICALLY DETECTABLE ANOMALY SEEN AT PRESENT IN PRESENT POSITION OF THE FETUS.

Bilateral uterine arteries show normal flow parameters for this gestation age.

Declaration of Doctor / Person conducting Ultrasonography/ Image scanning

I, Dr Rakesh Mishra declare that while conducting ultrasonography / Image scanning on Mrs Kavita Longre, I have neither detected nor disclosed the sex of her foetus to anybody in any manner.

Thanks for reference

Dr Rakesh Mishra
MD

29/03/24

Please note the limitations of Obstetric Ultrasound Scanning

1 Scanning of the fetal anatomy can be affected by various factors like maternal abdominal wall thickness & tissue echogenicity, scars, fetal lie, amniotic fluid volume, fetal gestation and other factors.

2 There fore all the anomalies may not be necessarily be detected.

3 A "Normal" scan of the fetus does not mean that the fetus will be normal at birth as the fetus is developing all the time. Furthermore, chromosomal anomalies can not be detected by ultrasound scan.

SHYAM DIAGNOSTIC CENTER

R6/E6 ARERA COLONY BHOPAL
BHOPAL

Telephone:

Fax:

Website:



Name: MRS KAVITA LONGRE
ID: 20240329-135425-B897
Age: 31Years
Gender: Female

OB2

Exam Date: 29/03/2024
Equipment Used: MINDRAY DC-80

Clinical Indications & Data

LMP: 14/11/2023 GA: 19w3d EDD(LMP): 20/08/2024 AUA: 19w3d EDD(AUA): 20/08/2024 Gestations: 1

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2D Measurements

EFW

EFW	Hadlock(AC,FL,BPD)	307g	±45g
EFW-GA	Hadlock	19w4d	
EFW-GP(LMP)(Hadlock):59.87%			
BPD	Jeanty	4.76cm	19w4d ✓ 16w4d-22w5d
HC	Jeanty	16.84cm	50.40% 19w1d ✓ 17w3d-20w6d
AC	Hadlock	14.42cm	56.36% 19w5d ✓ 17w5d-21w5d
FL	Jeanty	3.03cm	63.68% 19w4d ✓ 17w2d-21w5d
HUM	Jeanty	2.99cm	67.00% 19w6d 17w1d-22w4d
Ulna	Jeanty	2.79cm	66.28% 20w2d 17w2d-23w2d
Tibia	Jeanty	2.63cm	57.53% 19w3d 16w4d-22w2d
OOD	Jeanty	3.06cm	19w5d 16w3d-23w0d
TCD	Hill	2.02cm	19w3d 17w4d-21w2d
CM:0.53cm		NF:2.8mm	
NBL:4.7mm		OFD(HC):5.85cm	
CI(HC):81.26 (70.00~86.00)		HC/AC(Campbell):1.17 (1.09~1.26)	
FL/BPD:63.70 (GA OOR)		FL/HC(Hadlock):17.99 (16.40~18.94)	
FL/AC:21.00 (20.00~24.00)		TCD/AC:0.14	

AFI

AF1:3.92cm	AF2:3.71cm
AF3:2.69cm	AF4:2.39cm
AFI(4):12.72cm	

M Measurements

FHR:148bpm

Doppler Measurements

Right Ut A

PS:56.15cm/s
ED:29.98cm/s
RI:0.47

Left Ut A

PS:64.24cm/s
ED:29.03cm/s
RI:0.55



Name: MRS KAVITA LONGRE
ID: 20240129-135425-B897 Age: 31Years Gender: Female
OB2
Exam Date: 29/03/2024

Obstetrics - 2 / 5 Page

PI:0.65

S/D:1.87

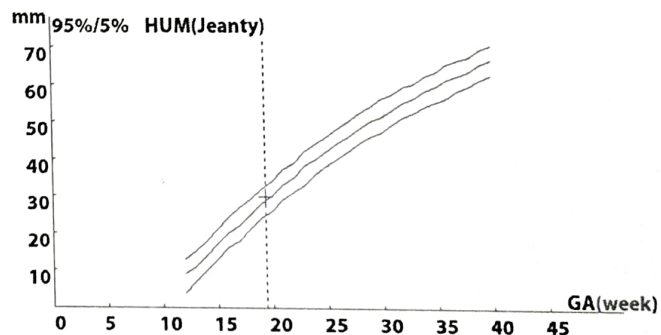
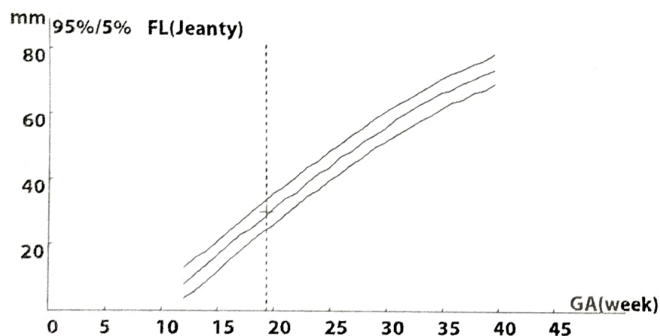
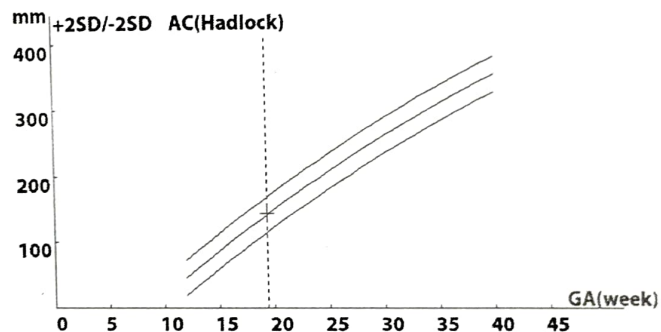
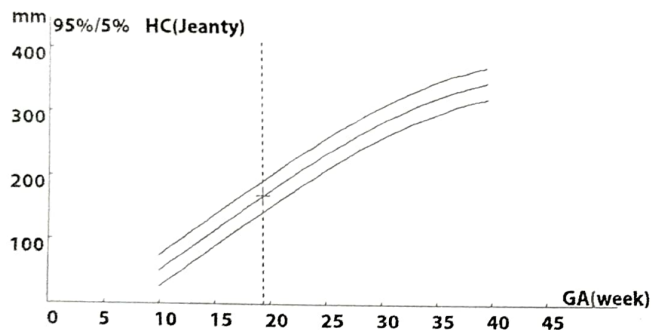
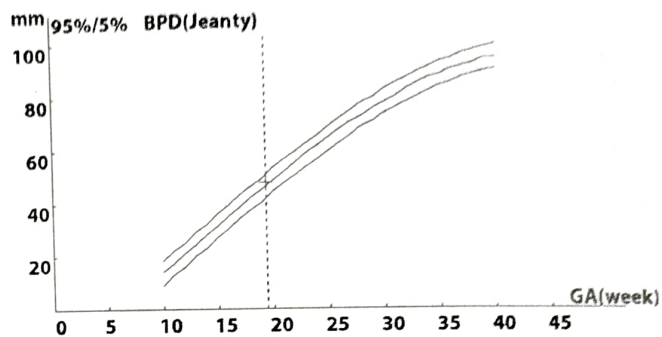
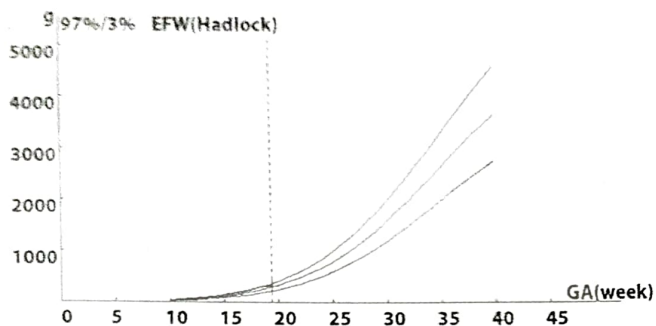
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S/D:2.21

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Fetal Growth



Name: MRS KAVITA LONGRE

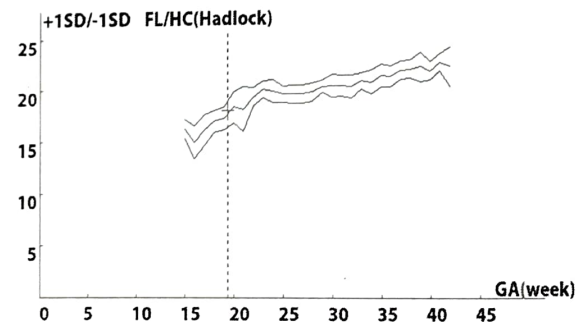
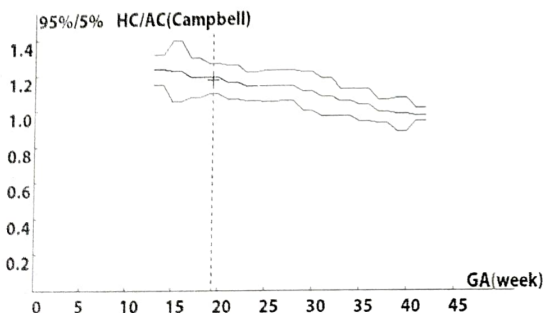
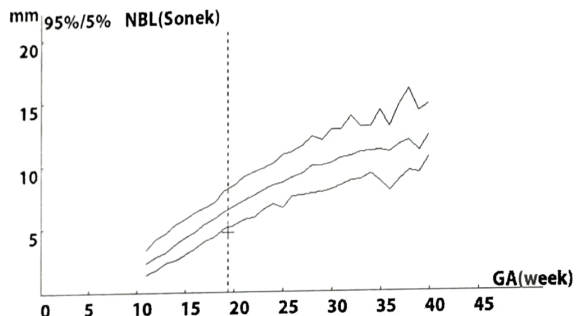
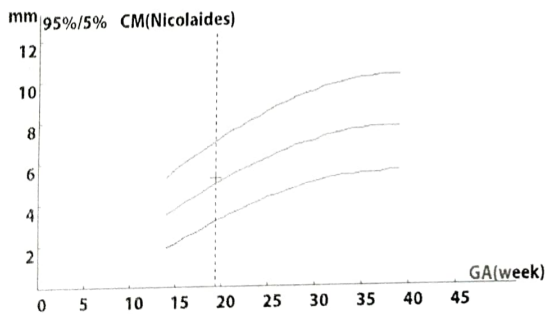
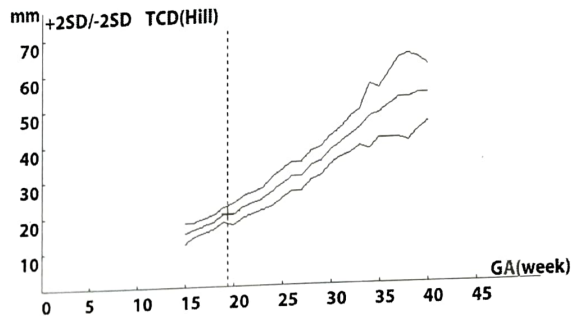
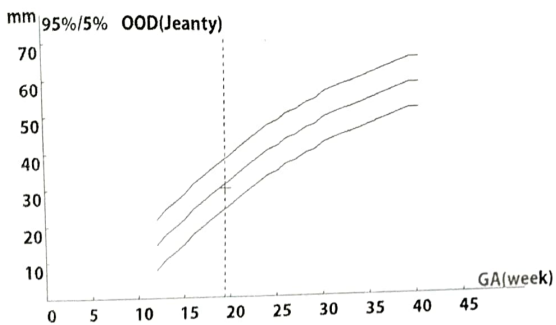
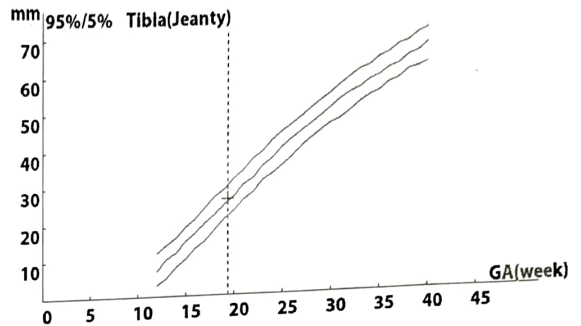
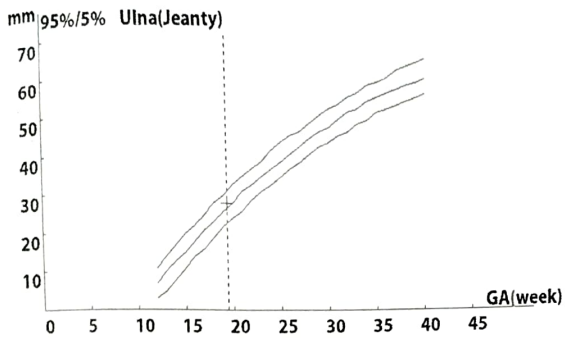
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Exam Date: 29/03/2024

Obstetrics - 3 / 5 Page

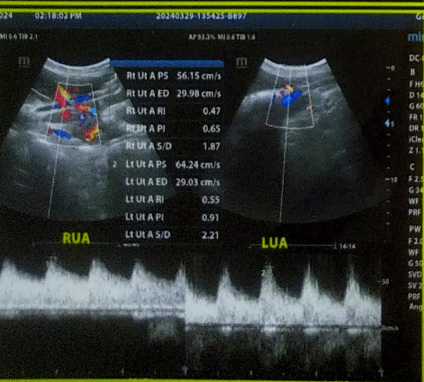
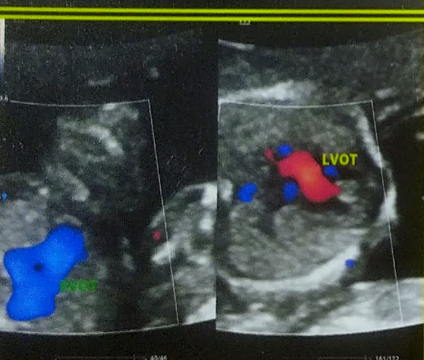
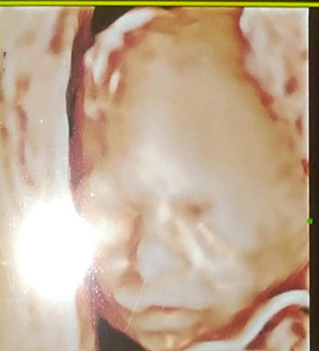
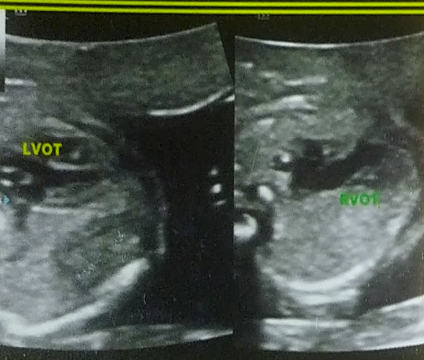
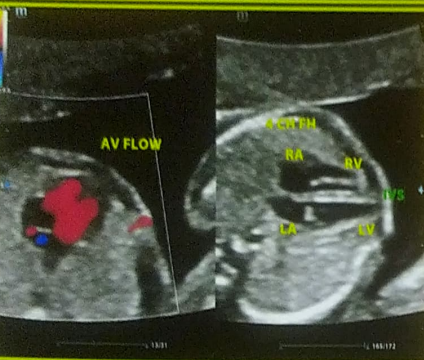
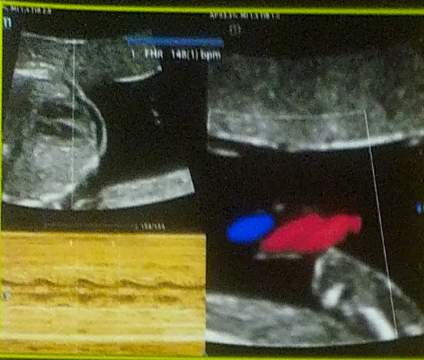
Fetal Growth



SHYAM DIAGNOSTIC CENTRE

Name : MRS KAVITA LONGRE 031Y / F

29 Mar 2024 Study : OB



SHYAM DIAGNOSTIC CENTRE

PATIENT: MRS K LONGRE 031Y / F

29 Mar 2024 Study: OB

