

Trained in : Gynaecological Endoscopy Laparoscopy & Hysteroscopy, Obstetric & Gynaecological Ultrasonography Laparoscopic Sterilization & Family Planning



- Ex. Resident Gynaecologist MY Hospital, Indore
- Trained in Obstetric Ultrasonography, Wadia Hospital, Mumbai
- Ex. Consultant Gynaecologist and Sonologist Urban RCH programme J P Hospital, Bhopal.

Obstetrician & Gynaecologist



LH-A-006725

Date : 27-May-5

Name : MRS. MONIKA SAHU

Age/Sex : 32 Years / Female

Address : Lalita Nagar Kolar

Mobile No.: 8305804377

Сопутств

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In Emergency Call : 9425005377

Sunday - By prior Appointment only

Email id : poojadr2003@gmail.com



Lotus Hospital

LOTUS HOSPITAL

M-351, Rajharsh Colony, Nayapura, Kolar main road, Bhopal
Ph.: 0755-4093322, 2410500, 6262093322

BHOPAL CITY CLINIC

3559, Opp. Govt. PHC, Misrod Main Road, Bhopal
Ph.: 0755-4093322, 6262093322

Signature _____

MBBS
MS (Obstetrics & Gynaecology)
Reg No. MP-4298

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Сотрудник

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Signature _____

R. ANKITA VIJAYVARGIYA
MBBS, DMRD
Reg. No. MP-8932

FORMER RADIOLOGIST AT:
• FORTIS HOSPITAL, NOIDA
• G.T.B HOSPITAL, DELHI
• REGENCY HOSPITAL LTD, KANPUR
• JAWAHAR LAL NEHRU CANCER HOSPITAL, BHOPAL

We Care
DIAGNOSTICS & IMAGING

FMF CERTIFIED FROM
FETAL MEDICINE FOUNDATION
• FOR NT/NTB SCAN
• FOR PRE-ECLAMPSIA SCREENING
MRI FELLOWSHIPS:
• NANAVALI HOSPITAL, MUMBAI
• HINDUJA HOSPITAL, MUMBAI

PATIENT'S NAME : MRS. MONIKA

AGE/SEX : 32 Y/ F

REF. BY : DR. POOJA SHRIVASTAVA (MBBS, MS)

DATE : 27.05.2022

OBSTETRIC SONOGRAPHY WITH TARGETED FETAL SCAN

Sittings - 1

Total examination time - 35 Min.

LMP : 15.01.2022

GA (LMP) : 18 wk 6 d

EDD : 22.10.2022

Single live fetus seen in the intrauterine cavity in variable presentation.

Spontaneous fetal movements are seen. Fetal cardiac activity is regular and normal & is 148 beats/min.

FETAL GROWTH PARAMETERS

BPD	44.1	mm	~	19	wks	2 days of gestation.
HC	166.5	mm	~	19	wks	2 days of gestation.
AC	134.8	mm	~	19	wks	0 days of gestation.
FL	29.7	mm	~	19	wks	1 days of gestation.
HL	29.0	mm	~	19	wks	3 days of gestation.
TCD	20.2	mm	~	19	wks	3 days of gestation.
BOD	29.5	mm	~	19	wks	1 days of gestation.
NF	4.52	mm	--	--	--	--
LV(atria)	5.2	mm	--	--	--	--

Quantity of liquor is adequate. Placenta is placed high posterior (grade I). Cervical length is normal 3.2 cms.
Internal OS is closed at present. EDD by USG - 19.10.2022. EFW - 273 gm +/- 40 gm.

- Baseline screening of both uterine arteries was done & reveals mean PI of ~ 2.395 (high for gestation), suggests increased chances of PIH / Pre-eclampsia .
- Ductus venosus shows normal spectrum with positive "a" wave (PI ~ 0.16) .

IMPRESSION:

- ⬇ Single, live, intrauterine fetus.
 - ⬇ Fetal size corresponds to 19 weeks 2 days +/- 1 week .
 - ⬇ An intracardiac echogenic focus in left ventricle - one of minor marker for chromosomal anomaly .
- Rest of fetal gross morphology examination within normal limits. P.T.O

E-3/138, First Floor, Behind Bhopal Fracture Hospital, 10 No., Arera Colony, Bhopal (M.P.)
Ph.: 0755-4074222, M. 7379330099 Timing : Mon. - Sat. 10:30 am to 8:30 pm (Sunday Closed)

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MRS. MONIKA

Head:

- Head appears normal in size and shape.
- Cerebral structure appears normal.
- Both Lateral ventricles appear normal. TD at atrium (LVa) measured 5.2 mm. Cavum Septum Pellucidum is seen.
- Cerebellum appears normal. Transverse cerebellar diameter (TCD) measures 20.2 mm.
- Cisterna Magana is Normal in size (2.97 mm) and shape.
- No SOL is seen.

Spine:

- Full length of the vertebral column is visualized in Sagittal, Coronal and transverse planes. Normal alignment of vertebrae was recorded. No obvious defect was visualized.

Neck:

- No cystic lesion is visible around the fetal neck.
- Nuchal skin fold thickness (NF) measured 4.52 mms.

Face:

- Fetal face was visualized in profile and coronal scans.
- Both eyeballs, nose and lips appear normal.
- Nasal bone was well visualized. Nasal bone length (4.9 mm) & prenasal thickness (2.8 mm) ratio WNL (1.75).
- Pre-maxillary triangle appears intact.

Thorax:

- Normal cardiac situs and position.
- Four chambers view and outflow tracts view appear normal except an echogenic focus in left ventricle. All cardiac anomalies are out of preview of this study, dedicated Echo is not done & may be suggested for the same.
- Both lungs were visualized.
- No evidence of pleural or pericardial effusion.
- NO SOL seen in thorax.

P.T.O.

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MRS. MONIKA

Abdomen :

- Anterior abdominal wall appears intact. Umbilical cord insertion was visualized.
- Normal abdominal situs.
- Fetal liver, gall bladder, stomach and bowel loops appear normal.
- No ascitis.

Urinary Tract :

- Both kidneys appear normal in size. No pelvicalyceal dilatation.
- Urinary bladder appears normal.

Limbs :

- All the four limbs are seen. The long bones appear normal for the period of gestation.
- Both the hands and feet appeared normal.

Umb. Cord :

- Cord appears normal and reveals two arteries and one vein.

(It must be noted that detailed fetal anatomy may not always be visible due to technical difficulties related to fetal position, amniotic fluid volume, fetal movements, maternal abdominal wall thickness & tissue ecogenicity. Therefore all fetal anomalies may not be detected at every examination. Patient has been counselled about the capabilities & limitations of this examination.)

(I Dr. Ankita Vijayvargiya, declare that while conducting Sonography I have neither detected nor disclosed the sex of the fetus to anybody in any manner.)

(DR. ANKITA VIJAYVARGIYA)

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Obstetrics Report

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WE CARE DIAGNOSTICS & IMA

Date of Exam: 27.05.2022

Obstetrics Report

Patient / Exam Information

Patient ID: VS8800264-22-05-27-3
Name: MONIKA, 32Y/F
DOB, Age: Female
Sex: Female

Gravida: 1
Para: 0
AB: 0
Ectopic: 0
Fetus: 1

LMP: 15.01.2022 DOC
GA(AUA): 19w2d
EDD(AUA): 19.10.2022

EDD(LMP): 22.10.2022 GA(LMP): 18w6d

Perf. Phys.
Comment

Ref. Phys.
Indication

Sonographer

	Value	Range	Age	Range	GP (Williams)
EFW (Hadlock)	273g	± 40g	19w0d		N/A
AC/BPD/FL/HC					

2D Measurements	AUA	Value	m1	m2	m3	Meth.	GP	GA
BPD (Hadlock)	<input checked="" type="checkbox"/>	4.41 cm	4.41			avg.	71.2%	19w2d
OFD (HC)	<input checked="" type="checkbox"/>	5.89 cm	5.89			avg.	66.3%	19w2d
HC (Hadlock)	<input checked="" type="checkbox"/>	16.65 cm	16.65			avg.	51.7%	19w0d
HC* (Hadlock)	<input type="checkbox"/>	16.27 cm	16.27			avg.	49.1%	19w0d
AC (Hadlock)	<input checked="" type="checkbox"/>	13.48 cm	13.48			avg.	54.9%	19w1d
FL (Hadlock)	<input checked="" type="checkbox"/>	2.97 cm	2.97			avg.	72.2%	19w3d
HL (Jeanty)	<input checked="" type="checkbox"/>	2.90 cm	2.90			avg.	68.6%	19w3d
Cereb (Hill)	<input checked="" type="checkbox"/>	2.02 cm	2.02			avg.		
CM	<input checked="" type="checkbox"/>	2.97 mm	2.97			avg.		
Va	<input checked="" type="checkbox"/>	5.20 mm	5.20			avg.	34.5%	19w1d
BOD (Jeanty)	<input checked="" type="checkbox"/>	2.95 cm	2.95			avg.		
NF	<input checked="" type="checkbox"/>	4.52 mm	4.52			avg.		

2D Calculations

	Value	Range
CI (BPD/OFD)	75%	(70 - 86%)
FL/AC	22%	(20 - 24%)
FL/BPD	67%	(GA: OOR)
FL/HC (Hadlock)	0.18	(0.16 - 0.18)
HC/AC (Campbell)	1.24	(1.09 - 1.26)

Doppler Measurements	Value	m1	m2	m3	m4	m5	m6	Meth.
Left Uterine								max
PS	63.31 cm/s	63.31						max
ED	5.91 cm/s	5.91						max
TAmx	18.09 cm/s	18.09						max
MD	5.56 cm/s	5.56						1/4

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Name: MONIKA, 32Y/F

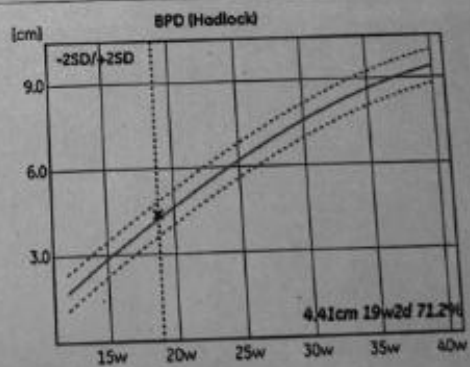
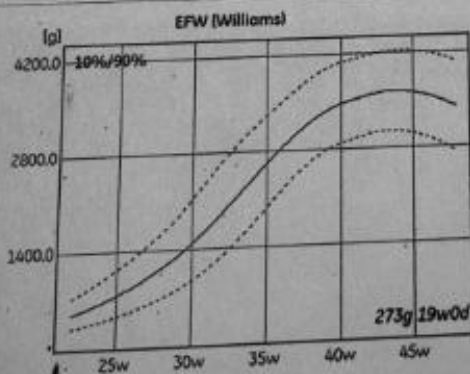
Patient ID:

VS8800264-22-05-27-3

Doppler Measurements	Value	m1	m2	m3	m4	m5	m6	Math.
Left Uterine								
RI	0.91	0.91						avg.
PI	3.17	3.17						avg.
S/D	10.71	10.71						avg.
HR	82 bpm	82						max
Right Uterine								
PS	75.20 cm/s	75.20						max
ED	21.06 cm/s	21.06						max
TAmx	33.33 cm/s	33.33						max
MD	19.38 cm/s	19.38						max
RI	0.72	0.72						avg.
PI	1.62	1.62						avg.
S/D	3.57	3.57						avg.
HR	84 bpm	84						max
Fetal Heart Rate								
Ventricular FHR	148 bpm	148						avg.
Ductus Venosus								
S	-41.65 cm/s	-41.65						max
TAmx	-40.55 cm/s	-40.55						max
a	-35.17 cm/s	-35.17						max
D	-41.09 cm/s	-41.09						avg.
PI	0.16	0.16						avg.
S/a	1.18	1.18						avg.
a/S	0.84	0.84						avg.
PVIV	0.16	0.16						avg.
PLI	0.16	0.16						max
HR	169 bpm	169						

GA Reference: GA(LMP)

Graph



Name:

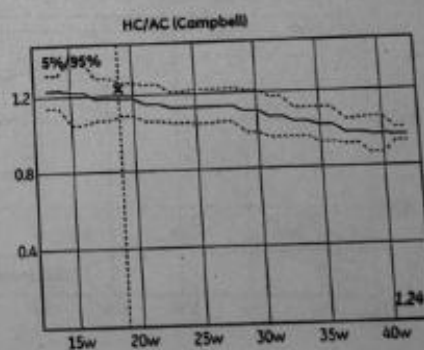
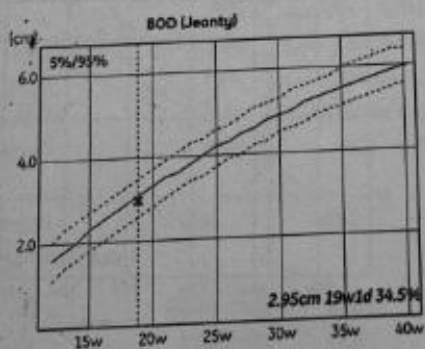
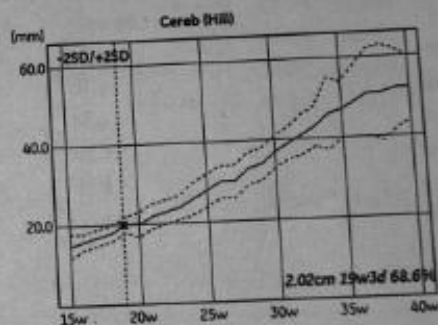
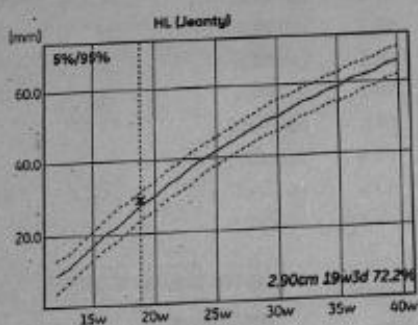
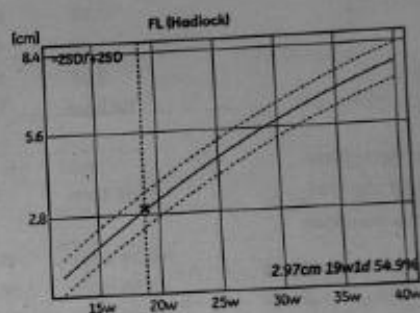
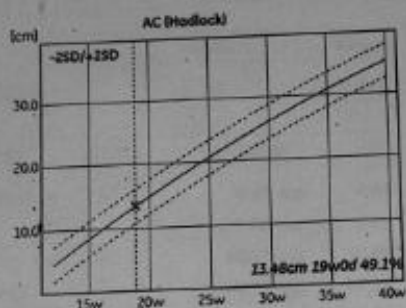
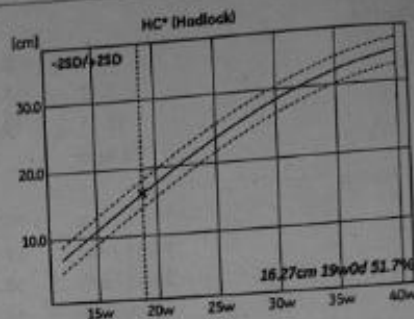
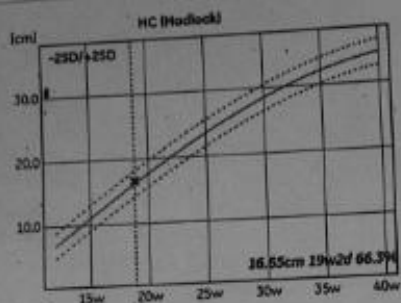
MONIKA, 32Y/F

Patient ID:

VS8800264-22-05-27-3

GA Reference: GA(LMP)

Graph



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 MONIKA, 32Y/F

000264-22-05-27-3

MONIKA, 32Y/F

Exam Date: 27.05.2022 12:22:33 PM



