SLIMS,PONDICHERRY

Date 09/05/19

From

DR.R.CHIDHAMBARAM ,
Professor and Head,
Dept.of radio-diagnosis and Imaging Sciences ,
SLIMS,PONDICHERRY
Bharath Institute of Higher Education and Research,
Chennai.

To

The Dean,
SLIMS
Bharath Institute of Higher Education and Research,
Chennai.

Sub: Permission to conduct value-added course:

Normal anatomy of female genital tract by ultrasonography

Dear Sir,

With reference to the subject mentioned above, the department proposes to conduct a value-added course titled **Normal anatomy of female genital tract by ultrasonography** on 09/05/19. We solicit your kind permission for the same.

Kind Regards

DR.R.CHIDHAMBARAM

FOR THE USE OF DEANS OFFICE

Names of Committee members for evaluating the course:

The Dean: Dr. K. Balagurunathan

The HOD: Dr. R. Chidhambaram

The Expert: Dr Mohammad Hasan.

The committee has discussed about the course and is approved.

Dean	Subject Expert	HOD
(Sign & Seal)	(Sign & Seal)	(Sign & Seal

DEAN
SRI LAKSHMI NARAYANA INSTITUTE OF MEDICAL SCIENCES
OSUDU, AGARAM VILLAGE,
KOCDAPAKKAM POST,
PUDUCHERRY - 605 502

DEPARTMENT OF RADIOLOGY
SRI LAKSHMINARAYANA
INSTITUTE OF MEDICAL SCIENCE
PUDUCHERRY - 605 002.

DEPARTMENT OF RADIOLOGY
SRI LAKSHMINARAYANA
INSTITUTE OF MEDICAL SCIENCE
PUDUCHERRY - 605 002.

BIHER

SLIMS

OFFICE OF THE DEAN

Sri Lakshmi Narayana Institute of Medical Sciences

OSUDU, AGARAM VILLAGE, VILLIANUR COMMUNE, KUDAPAKKAM POST,
PUDUCHERRY - 605 502.
[Recognised by Medical Council of India, Ministry of Health letter No. U/12012/249/2005-ME (P -II) dt. 11/07/2011]
[Affiliated to Bharath University, Chennai - TN]

Circular

07.05.2020

Sub: Organising Value-added Course: Normal anatomy of female genital tract by ultrasonography. reg

With reference to the above mentioned subject, it is to bring to your notice that Sri Lakshmi Narayana Institute of Medical Sciences, **Bharath Institute of Higher Education and Research** is organizing **"Normal anatomy of female genital tract by ultrasonography"**. The course content and registration form is enclosed below."

The application must reach the institution along with all the necessary documents as mentioned. The hard copy of the application should be sent to the institution by registered/ speed post only so as to reach on or before May to June 2020. Applications received after the mentioned date shall not be entertained under any circumstances.

Dean

DEAN
SRI LAKSHMI NARAYANA INSTITUTE OF MEDICAL SCIENCES
OSUDU, AGARAM VILLAGE,
KOODAPAKKAM POST,
PUDUCHERRY - 605 502

Encl: Copy of Course content

BIHER

SLIMS

VALUE ADDED COURSE

1. **Name of the programme & Code :**
   Integrated anatomy teaching-female genital tract by ultrasound
   RAD 10
2. **Duration & Period**
   30 hrs & September 2019– January 2020 & February20 – August 2020
3. **Information Brochure and Course Content of Value Added Courses**
   Enclosed as Annexure- I
4. **List of students enrolled**
   Enclosed as Annexure- II
5. **Assessment procedures:**
   Multiple choice questions- *Enclosed as Annexure- III*
6. **Certificate model**
   Enclosed as Annexure- IV
7. **No. of times offered during the same year**:
   September 2019– January 2020 & February20 – August 2020
8. **Year of discontinuation: 2020**

9. **Summary report of each program year-wise**

Value Added Course- September 201 - August 201					
Sl. No	**Course Code**	**Course Name**	**Resource Persons**	**Target Students**	**Strength & Year**
1	**RAD 10-1**	**Integrated anatomy teaching-female genital tract by ultrasound**	Dr.Brundha	MBBS	20 (Sep 19 – Jan 20)
2	**RAD 10-2**	**Integrated anatomy teaching-female genital tract by ultrasound**	Dr. Srinvasan	MBBS	20 (Feb19-Aug20)

10. **Course Feed Back**

Enclosed as Annexure- V

RESOURCE PERSON

DEPARTMENT OF RADIOLOGY
SRI LAKSHMINARAYANA
INSTITUTE OF MEDICAL SCIENCE
PUDUCHERRY - 605 002.

BIHER

COORDINATOR

DEPARTMENT OF RADIOLOGY
SRI LAKSHMINARAYANA
INSTITUTE OF MEDICAL SCIENCE
PUDUCHERRY - 605 002.

SLIMS

VALUE ADDED COURSE

TOPIC:- Integrated Anatomy teaching - Female genital tract by ultrasound

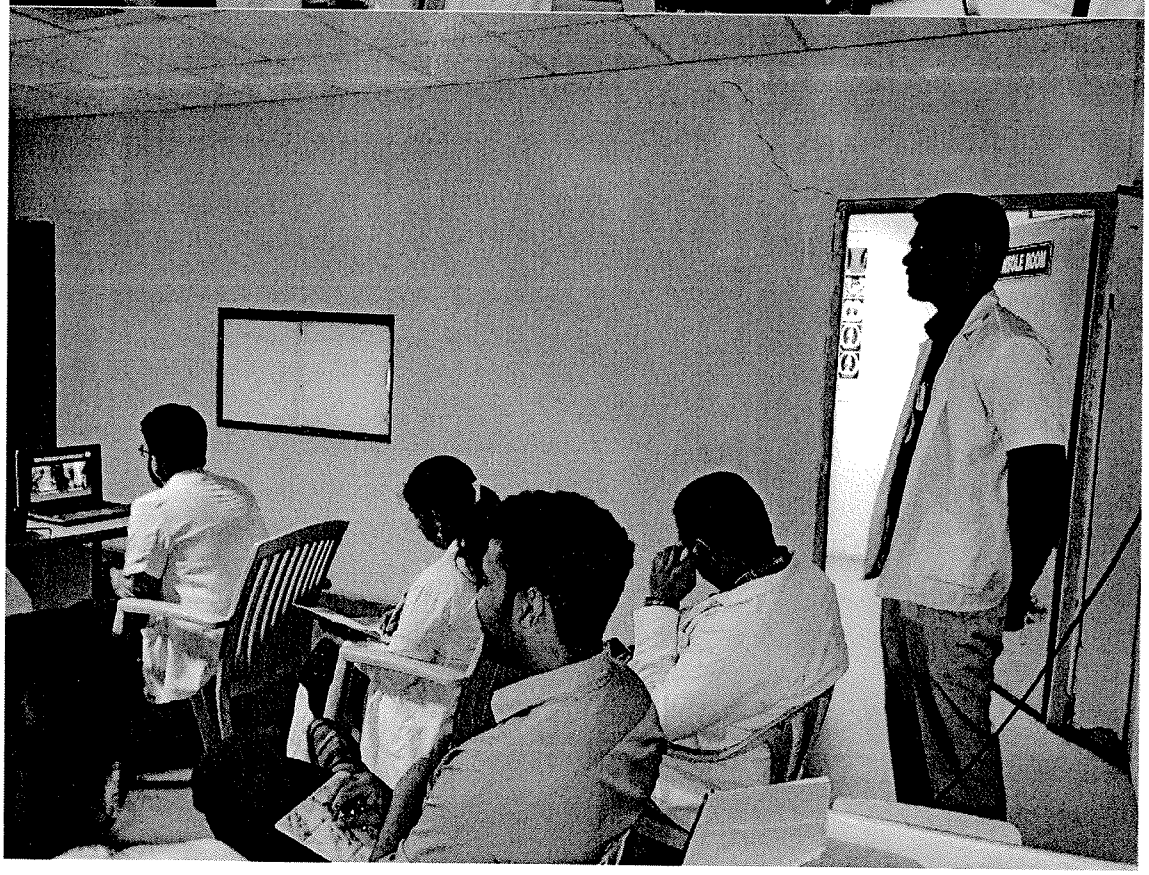
List of Students Enrolled

IST YEAR MBBS STUDENTS			
Sl.NO.	NAME OF THE STUDENT	UNIVERSITY REG. NO.	signature
1	DASARI VENKATA SAI MOUNISH	U16MB281	Mounish
2	DEBARPITA NATH	U16MB282	DN
3	DEEBAK .I	U16MB283	Deebak
4	DEEKSHITH .D.R	U16MB284	Deekshith
5	DEEPIKAA .D.V	U16MB285	Deepika D.
6	DELFI MARY .E	U16MB268	Delfi
7	DEVIKA.U.M	U16MB287	Devika U.M.
8	DHAKSHANA .M	U16MB288	Dhaksh
9	EDA SAI VENKATA TEJA	U16MB289	Edavenkat
10	GAURAV KUMAR	U16MB290	Gaurav
11	GOKUL SRIRAM .D	U16MB291	Gokulsr
12	GOLLA SRUTHI	U16MB292	Srudhi
13	GOMATHI .M	U16MB293	Gomathi
14	GRACELIN RINI .J	U16MB294	Gracelin
15	GUNASUNDARI .M	U16MB295	Gunasundari
16	GUNTI YAGNA NARAYAN	U16MB296	Gunti
17	HANEESHA PALETI	U16MB297	Haneesha
18	HARIHARAN .J.K	U16MB298	Hariharan
19	HARIPRIYA .T	U16MB299	Hariprya
20	HARISHKA.S	U16MB300	Harish
21	HARITHA SHREE	U16MB301	Haritha Shree
22	HARSHITHA CHOWDARY	U16MB302	Harshitha
23	HEMAPRIYA .G	U16MB303	Hema
24	JADHAV MAHESH MOHANRAO	U16MB304	Jadhav
25	JAGAIPRIYA .M	U16MB305	Jagai
26	JAYASRI .J	U16MB306	Jayasri
27	JESTIN K.J	U16MB307	Jestin
28	JEYACHANDRAN .S	U16MB308	Jeyachandran
29	JINCY J MANU	U16MB309	Jincy
30	KARTHIK .K	U16MB310	K.K.

RESOURCE PERSON **COORDINATOR**

VALUE ADDED COURSE **Annexure- II**

BIHER SLIMS



BIHER

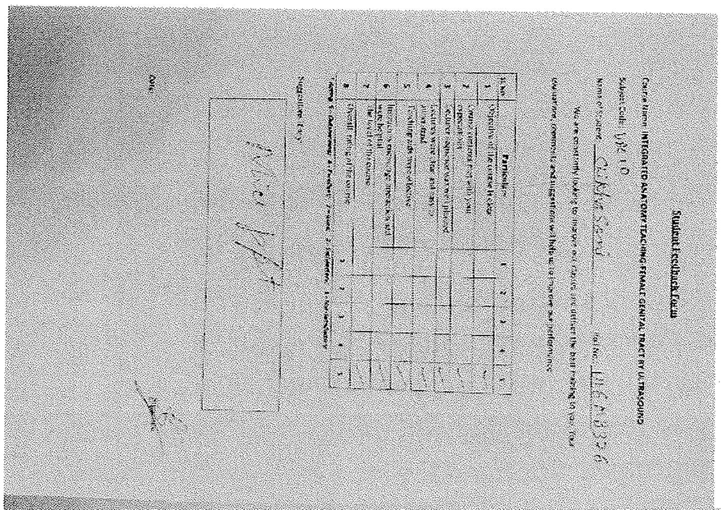
SLIMS

FEMALE GENITAL TRACT

1. Regarding transabdominal ultrasound of the fetus:
(a) Doppler examinations impart less energy when compared with routine ultrasound.
(b) 18 to 20 weeks of gestation is the optimal time to confirm intrauterine location.
(c) Cardiac activity is seen at 5 weeks' gestational age.
(d) Crown rump length is a useful measurement of gestational age at 10 weeks.
(e) The fetal pole is discernible before cardiac pulsation.
2. Concerning ultrasound of the fetus from 18-20 weeks:
(a) The BPD is measured in the axial plane.
(b) The lateral ventricles are echobright structures.
(c) The medial walls of the lateral ventricles are formed by the septum pellucidum.
(d) The third ventricle is normally visualized.
(e) The cerebellar hemispheres are seen as round echopoor structures with a reflective vermis in the midline.
3. Regarding the fetus:
(a) The vertebra are visible as two ossification centres in the body and one in each lamina.
(b) Failure of fusion between the premaxillarypart of the frontonasal prominence and the maxillary prominence gives rise to cleft lip.
(c) The four-chamber view during cardiac ultrasound is the primary screening view for cardiac abnormalities.
(d) On ultrasound the lungs become progressively echobright as pregnancy advances.
(e) On ultrasound colonic peristalsis is seen in the second trimester.
4. Concerning the fetal abdomen:
(a) The small intestine becomes increasingly echobright towards the end of pregnancy.
(b) The primitive intestinal loop lies outside the abdominal cavity in the first trimester.
(c) A diagnosis of abdominal wall defect can be made at 10 to 12 weeks.
(d) The umbilical vein runs into the left portal vein.
(e) The abdominal circumference is measured as a parameter for gestational age in the second trimester.
5. Regarding fetal ultrasound:
(a) The femur is strongly reflective at 10 weeks.
(b) The distal femoral epiphyses is seen at 35 weeks.
(c) The beginning of ossification of the proximal epiphysis of the humerus is good evidence of lung maturity.
(d) The diaphysis of ulna and radius extend to the same level at the wrist.
(e) The placenta can be identified as a discrete structure from 12 weeks
6. In the pelvis:
(a) The urachal remnant forms the median umbilical ligament passing from the apex of the bladder to the umbilicus.
(b) The neck of the bladder rests on the urogenital diaphragm in both sexes.
(c) The distal ureter is posterior to the bifurcation of the common iliac artery.
(d) The bladder is supplied by the superior and inferior vesical artery.
(e) In a plain radiograph, unilateral absence of the perivesical fat stripe is a sign of pelvic pathology.
7. Concerning the bladder:
(a) It is trabeculated except at the trigone.
(b) Colour doppler enables identification of ureteric jets into the bladder.
(c) The wall is of a high signal intensity on T1- and T2-W MRI.
(d) It has a normal wall thickness of about 3 cm.
(e) The intramural ureter courses obliquely for about 2 cm before entering the bladder cavity.
8. The following are true of the female genital tract:
(a) On T2-W MRI the junctional zone is a low signal intensity band in the submucosa.
(b) On T1-W sequences three distinct zones are seen in the uterus.
(c) Normal ovaries are low to medium signal on T1-W MRI.
(d) After gadolinium DTPA the ovarian follicles exhibit increased signal intensity.
(e) The anatomy of the fallopian tubes are best seen by MRI.
9. Concerning the female genital tract:
(a) Peritoneum covers the superior and lateral aspects of the uterus.
(b) The broad ligaments are formed by the anterior and posterior reflections of peritoneum passing over the fallopian tubes.
(c) The round ligament originates at the lateral angle of the uterus and passes to the labia major.
(d) The internal iliac artery is anterior to the ovary.
(e) Endovaginal ultrasound provides good detail of the adnexal areas.
10. Concerning the female genital tract:
(a) Lymphatic drainage from the upper third of the vagina is to the internal and external iliac nodes.
(b) The cavity of the uterus is triangular in the sagittal plane.
(c) The retroflexed uterus is better visualized with transabdominal ultrasound than the anteflexed uterus.
(d) In the fetus the cervix is not identified separately from the uterus.
(e) The uterine artery is a direct branch of the aorta.

BIHER

SLIMS



Student Feedback Form

Course Name: INTEGRATED ANATOMY TEACHING-FEMALE GENITAL TRACT BY ULTRASOUND

Subject Code: VAC 10

Name of Student: Chitha Sarvi Roll No.: U16MB326

We are constantly looking to improve our classes and deliver the best training to you. Your evaluations, comments and suggestions will help us to improve our performance.

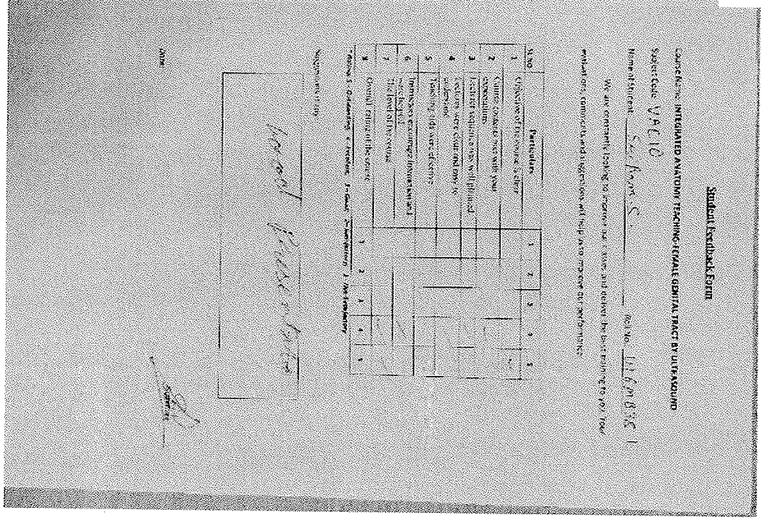
Sl. NO	Particulars	1	2	3	4	5
1	Objective of the course is clear					✓
2	Course contents met with your expectations					✓
3	Lecturer sequence was well planned					✓
4	Lectures were clear and easy to understand					✓
5	Teaching aids were effective					✓
6	Instructors encourage interaction and were helpful					✓
7	The level of the course					✓
8	Overall rating of the course	1	2	3	4	5

*Rating: 5 - Outstanding, 4 - Excellent, 3 - Good, 2 - Satisfactory, 1 - Not-Satisfactory

Suggestions if any:

Nice ppt

Date:



Student Feedback Form

Course Name: INTEGRATED ANATOMY TEACHING-FEMALE GENITAL TRACT BY ULTRASOUND

Subject Code: VAC10

Name of Student: Sai Ram S. Roll No.: U16MB351

We are constantly looking to improve our classes and deliver the best training to you. Your evaluations, comments and suggestions will help us to improve our performance.

Sl. NO	Particulars	1	2	3	4	5
1	Objective of the course is clear					✓
2	Course contents met with your expectations					
3	Lecturer sequence was well planned					
4	Lectures were clear and easy to understand					
5	Teaching aids were effective					
6	Instructors encourage interaction and were helpful					
7	The level of the course					
8	Overall rating of the course	1	2	3	4	5

*Rating: 5 - Outstanding, 4 - Excellent, 3 - Good, 2 - Satisfactory, 1 - Not-Satisfactory

Suggestions if any:

Good Presentation

Date:

BIHER SLIMS