

## **Radiology Vertical Integrated Curriculum Course/Clerkship Content**

Throughout the Radiology Vertical Integrated Curriculum, students will be exposed to general principles of the practice of radiology primarily through on-line resources supplemented by regularly scheduled occasional face-to-face lectures or workshops. Students will learn the appropriate basic diagnostic and therapeutic skills for radiological interpretation and practice.

### **Year 1**

#### **Structure of Human Body**

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “Structure” tab covering imaging procedures; CT, Xray and MRI anatomy of chest, abdomen, pelvis, bones, brain and spine, arterial system.

Lecture: Optional review session prior to exam

### **Year 2**

#### **Patient Centered Medicine 2**

Lecture: How to read a chest x-ray (Fall Semester)

Lecture: Optional review session prior to exam (Fall Semester)

Small Group: Hands-on radiology chest x-ray workshop (Spring Semester)

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “PCM” tab covering 15 lessons on chest x-ray pathology. Identical content sent to students in pdf format weekly. (Fall Semester)

#### **Mechanisms of Human Disease**

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “Mechanisms” tab covering 10 lessons on abdominal pathology. Identical content sent to students in pdf format weekly. (Spring Semester)

Lecture: Optional review session prior to exam (Spring Semester)

## **MHD Neuropathology Block**

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “Neuro” tab covering 7 lessons on neurological pathology. Identical content sent to students in pdf format weekly. (Spring Semester)

Lecture: Optional review session prior to exam (Spring Semester)

## **Year 3**

### **Patient Centered Medicine 3 Course**

Lecture: A user’s guide to TCM3 Radiology Vertical Curriculum

### **Family Medicine Clerkship**

On-line weekly Family Medicine radiology case-based modules with personalized feedback from faculty (one case for each of the 6 weeks of the rotation)

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “Family Medicine” tab

### **Medicine Clerkship**

On-line weekly Medicine radiology case-based modules with personalized feedback from faculty (one case for each of the 8 weeks of the rotation)

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “Medicine” tab

### **Pediatrics Clerkship**

On-line weekly Pediatric radiology case-based modules with personalized feedback from faculty (one case for each of the 6 weeks of the rotation).

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “Pediatrics” tab

## **Neurology Clerkship**

On-line weekly Neurology radiology case-based modules with personalized feedback from faculty (one case for each of the 4 weeks of the rotation)

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “Neurology” tab

## **Ob-Gyn Clerkship**

On-line weekly Ob-Gyn radiology case-based modules cases with personalized feedback from faculty (one case for each of the 6 weeks of the rotation).

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “Ob-Gyn” tab

Lecture: Basics of Ob-Gyn ultrasound

## **Surgery Clerkship**

On-line weekly Surgery radiology case-based modules with personalized feedback from faculty (one case for each of the 8 weeks of the rotation)

Web-based resources for self-study on LUMEN website ([http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1\\_f.htm](http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/radiology-curric1_f.htm)) under “Surgery” tab

Lecture: Imaging of abdominal fluid collections