

RADY 401 Learning Syllabus Updated January 2021

Lecture	Textbooks LR (Learning Radiology) , CO (Critical Observations in Radiology for Medical Students)	Supplemental material Teaching files Views You Can Use UVA Online I.C.A.R.U.S. RadTorial Game of Unknowns
Basics		
RADY Symposium I (Abd Pain , CXR , ER , Head CT)	LR-Chapter 1 (light and dark, modalities), 2 (CXR technique), 3 (normal lung), 4 (normal heart), 5-9 if time; 15 (normal A/P CT), LR-20 if time	Teaching files: AAA , SBO , pulmonary embolism UVA: Emergency body CT
RADY Symposium II (C-Spine , Body CT , US , VIR)	LR-Chapter 21 (US), Chapter 15 (normal A/P CT), 20 (CT findings), 26 (Spine disease)	UVA: Emergency US RadTorial: Imaging Evaluation of Cervical Spine Trauma
Chest		
Basics of Cardiothoracic Imaging	LR-Chapter 5 (airspace vs interstitial), Chapter 6 (opacified hemithorax), Chapter 7 (atelectasis), Chapter 8 (pleural effusion), Chapter 9 (pneumonia)	Teaching files: thymoma , cardiomyopathy Views You Can Use: Normal CXR I.C.A.R.U.S. module: Cardiothoracic
CXR Unknowns	LR-Review chapters 1-9, chapter 10 (pneumos), chapter 11 (support devices), chapter 12 (mediastinum), Chapter 13 (cardiovascular disease)	Teaching files: bronchiectasis , cystic fibrosis , sarcoidosis Views You Can Use: ICU CXR Society of Thoracic Radiology: Medical Students-How to Approach a CXR RadTorial: Imaging Evaluation of Tubes and Lines , Imaging Evaluation of Airway Devices UVA: Chest Radiology , ICU Chest Films , Cardiac Radiography LearningRadiology.com: Aortic dissection, aspiration pneumonia, atelectasis, COPD, Cystic Fibrosis, ICU Radiology, Pleural effusion, pneumonias, solitary pulmonary nodule, TB, Trauma SABI On-Demand Webinar: COVID-19: Thoracic Imaging Findings and Recommendations Game of Unknowns: Chest
Abdomen		

Approach to Abdominal Imaging	LR-Chapter 22 (MR), review 15 (A/P CT), 20 (A/P CT findings), 21 (US)	RadTorial: Imaging Evaluation of the Female Patient with Pelvic Pain , Imaging Evaluation of the Pregnant and Postpartum Patient , Ultrasound Evaluation of the Scrotum , I.C.A.R.U.S. modules: Genitourinary , Gastrointestinal
Pediatrics		
Basics of Pediatric Chest X-Ray	LR-Chapter 28 (pediatrics)	RadTorial: Imaging Evaluation of the Pediatric Patient Teaching files: tube malposition , Ebstein's , vascular rings , esophageal atresia , CDH , PE&DVT , ectopic thymus
Approach to Pediatric Patient with Abdominal Pain	LR-Chapter 28 (pediatrics)	Teaching files: renal stone disease , VUR , duodenal atresia , ovarian torsion , prostatic utricle
Radiologic Evaluation of Child with Limp	LR-Chapter 28 (pediatrics)	Teaching files: nonaccidental trauma , rickets , MHE Game of Unknowns: Pediatrics
Musculoskeletal		
Introduction to MSK/appropriate utilization	LR-Chapter 24 (bony trauma); 23 (bone mets), 25(arthritis) as supplement	I.C.A.R.U.S. module: musculoskeletal RadTorial: Imaging Evaluation of Arthritis UVA: Skeletal Trauma
Neuroimaging		
Intro to Neuroimaging	LR-Chapter 27 (neuro)	Ed Modules: Brain Imaging 2018 Dr. Huang, Learning Neuroradiology Dr. Kennedy: Imaging Techniques, Anatomy, How to Read a Head CT, Pathology, Clinical Correlation, Cases, Head and Neck Anatomy? Teaching files: CVA , cerebral aneurysm , SAH , EDH RadTorial: Imaging Evaluation of the Stroke Patient I.C.A.R.U.S. module: brain and spine Game of Unknowns: Brain and Spine UVA: Thyroid US
Nuclear Medicine		

Introduction to Nuclear Medicine	LR-Supplemental appendix on nuclear medicine	RadTorial: Imaging Evaluation in Nuclear Medicine and Molecular Imaging , Imaging Evaluation of the Oncology Patient UVA: PET/CT: The Basics
Emergency Nuclear Medicine	LR-Supplemental appendix on nuclear medicine	
VIR		
Introduction to interventional radiology	CO-Chapter 12	Supplemental material on IR website
Breast		
Best of Breast Top 10	Views You Can Use video shorts: screening mammo, male breast, emergency breast CO- Chapter 10	Teaching Files: FA (fibroadenoma) , cysts , cyst aspiration , nonpuerperal abscess , puerperal abscess , galactocele , pregnant , early BC RadTorial: Imaging Evaluation of the Breast (Part 1) , Imaging Evaluation of the Breast (Part 2) , Imaging Guided Interventions: Breast
Other		
Medical Imaging and Radiation		UVA: Radiobiology
Critical Values	LR-Chapter 19 (Trauma)	ED-related material listed above