

Week	Date	Topic	RSNA/AAPM Module	Faculty
IMAGING MODALITIES (CONTD)				
27	7-Jul-22	Interaction of US Tissue and Doppler	Interaction of US Tissue and Doppler	JM
28	14-Jul-22	US Artifacts		Dighe
29	21-Jul-22	Image Quality & Dose in Rad and Mammo	Image Quality and Dose in Radiography Mammography Image Quality and Dose	DZ
30	28-Jul-22	Mammo Clinical Lecture		Eby
31	4-Aug-22	Fluoroscopy Lab	Radiation Dose and Safety in Interventional Radiology	JM+AW
RADIATION BIOLOGY AND RADIATION RISK				
32	11-Aug-22	Basic Radiation Biology I	Basic Radiation Biology	KK
33	18-Aug-22	Basic Radiation Biology II	Basic Radiation Biology	KK
34	25-Aug-22	Radiation Effects	Radiation Effects	KK
35	1-Sep-22	Radiation Risks and Estimating Cancer Risk	Radiation Dose and Risk, Estimating Cancer Risk from Imaging Procedures	KK
36	8-Sep-22	Radiation Protection	Fundamentals of Radiation Protection	MA
37	15-Sep-22	Review Session - Q&A (Assign Take Home quiz 3)		DPS
NUCLEAR MEDICINE PHYSICS				
38	22-Sep-22	Basic Nuclear Physics: Decay and Interactions with Matter	Atoms, Radiation, and Radioactivity	JM
			Interactions of Radiation and Tissue	
39	29-Sep-22	Radiation Detection Instrumentation and Radiation Safety in NM Practice	Radiation Detection Instrumentation in NM Practice	RM
40	6-Oct-22	Gamma Cameras	Gamma Cameras / Image Quality	MA
41	13-Oct-22	Radioisotopes, Radiopharmaceutical, and Dosimetry	Radioisotopes and Radiopharmaceuticals	MA
			Radionuclide Dosimetry and Nuclear Regulations	
42	20-Oct-22	SPECT and SPECT/CT	SPECT / SPECT-CT / Image Quality	DM
43	27-Oct-22	PET and PET/CT	PET/PET-CT/Image Quality	DM
44	3-Nov-22	Nuclear Regulations	Radionuclide Dosimetry and Nuclear Regulations	JJ
45	10-Nov-22	Radioisotope Safety (RISE Concepts)	Radioisotopes and Radiopharmaceuticals	JJ
46	17-Nov-22	Clinical NM Artifacts		LT
47	24-Nov-22	NO CLASS	Thanksgiving Holiday!	
48	1-Dec-22	NO CLASS	RSNA	
49	8-Dec-22	Review Session - Q&A (Assign Take Home quiz 4)		DPS