



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

TEACHING SCHEDULE FOR JULY 2020

THEORY (TIME: 2PM)

DATE	TOPIC	FACULTY
01.07.2020	Radionuclide evaluation of lungs	Dr. P Shanmuga sundaram
03.07.2020	Instrumentation - Quenching	Dr. Vijay Harish
06.07.2020	Gas filled detectors – Radiation survey meters	Dr .Padma
08.07.2020	Cardiac PET radiopharmaceuticals	Dr. P Shanmuga sundaram
10.07.2020	How to calculate dead time of detector systems	Dr. Vijay Harish
15.07.2020	Counting statistics	Dr. Padma
22.07.2020	Instrumentation – Liquid scintillation counters part 2	Dr. P Shanmuga sundaram

PRACTICALS (TIME: 4PM)

DATE	TOPIC	FACULTY
02.07.2020	QC of Dose calibrator	Technologist
09.07.2020	Radiation survey of nuclear med dept - demonstration	Dr. Padma

23.07.2020	Image based discussion on Radionuclide evaluation of hepatobiliary system-	Dr. P Shanmuga Sundaram
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SEMINAR (TIME: 4PM)

DATE	TOPIC	FACULTY
04.07.2020	PET CT in epilepsy	Dr. Vijay Harish
11.07.2020	Inorganic Scintillation detectors	Dr. P Shanmuga sundaram
18.07.2020	PET in vasculitis	Dr. Padma
25.07.2020	F MISO PET - Hypoxia imaging	Dr. Manjit Sarma

GROUP DISCUSSION (TIME: 4PM)

DATE	TOPIC	FACULTY
03.07.2020	Technique and RPs used in Radiosyovectomy	Dr. Padma
10.07.2020	Bone pain palliation therapy	Dr. Vijay Harish
17.07.2020	Alpha therapy - Radiopharmcaeuticals	Dr Padma
24.07.2020	Redifferentiation therapy	Dr. P Shanmuga sundaram
31.07.2020	Pulse height analysis	Dr. Manjit Sarma

CASE PRESENTATION (TIME: 4PM)

DATE	TOPIC	PRESENTER	FACULTY
02.07.2020	DTC with solitary skeletal metastases	Dr Sidharth	Dr. Padma

16.07.2020	Toxic Multinodular goitre	Dr. Naveen	Dr. Vijay Harish
30.07.2020	Dilated cardiomyopathy - Myocardial viability evaluation with SPECT and PET	Dr. Sidharth	Dr. P Shanmuga Sundaram

JOURNAL CLUB (TIME: 4 PM)

DATE	TOPIC	FACULTY
04.07.2020	Selected Interventions in Nuclear Medicine: Gastrointestinal - Motor Functions Semin Nucl Med. 2009 May ; 39(3): 186–194. doi:10.1053/j.semnuclmed.2008.11.002	Dr Padma
11.07.2020	Scintigraphy for Evaluation of Patients for GI Motility Disorders—The Referring Physician’s Perspective by Parkman , Semin Nucl Med 42:76-78 © 2012	Dr. Vijay Harish
18.07.2020	Sincalide Cholescintigraphy—32 Years Later:Evidence-Based Data on Its Clinical Utility and Infusion Methodology by Harvey A. Ziessman, Semin Nucl Med 42:79-83 © 2012	Dr. P Shanmuga Sundaram
25.07.2020	Radioiodine: The Classic Theranostic Agent by Edward B. Silberstein. Semin Nucl Med 42:164-170 © 2012	Dr. Manjit

PROCEDURES

MONTH	TOTAL PROCEDURES
JULY 2020	464

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PROFESSOR & HOD
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