



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

PG TEACHING SCHEDULE JULY 2025

THEORY (Time: 2 pm - 3pm)

DATE	TOPIC	FACULTY
02.07.2025	PET CT Artifacts in GIT	Dr. Shanmuga Sundaram
07.07.2025	Radiation safety measures in PET injection room	Dr. Padma
09.07.2025	Bone malignancies – SPECT / SPECTCT evaluation	Dr. Ramkesh
14.07.2025	How to improve the Image quality in Nuclear medicine	Dr. Padma .S
16.07.2025	FDG PET/CT: EANM procedure guidelines for tumour imaging	Dr. Parvathy
21.07.2025	SPECT & PET tracers in Sarcoidosis	Dr. Shanmuga Sundaram
30.07.2025	How to acquire & Process cardiac SPECT MPI	Dr. Manjit Sarma

SEMINAR (Time: 4 pm - 5 pm)

(Attendees: All faculties and PGs)

DATE	TOPIC	PRESENTER	CHAIRPERSON
05.07.2025	Decay of radioactivity	Dr. Sairam Reddy	Dr. Parvathy
12.07.2025	Interaction of radiation with matter	Dr. Vikram	Dr. Padma S
19.07.2025	Scintillation detectors	Dr. Francis	Dr. Ramkesh

CASE PRESENTATION (Time: 2 pm)
(Attendees: All faculties and PGs)

DATE	TOPIC	PRESENTER	FACULTY
03.07.2025	DMSA scan as short case	Dr. Krishna Reddy	Dr. Parvathy
10.07.2025	Breast lump – NM investigations to be performed	Dr. Sairam	Dr. Padma
17.07.2025	Scan Session (Bone imaging)	Dr. Francis	Dr. P Shanmuga Sundaram

JOURNAL CLUB (Time: 4 pm - 5 pm)
(Attendees: All faculties and PGs)

DATE	TOPIC	PRESENTER	FACULTY
05.07.2025	Lopes et.al, The Evolution of Artificial Intelligence in Nuclear Medicine. Volume 55, Issue 3, May 2025, Pages 313-327	Dr. Sibiraj	Dr. Parvathy
12.07.2025	Shaniqua A. Lawson et.al, Mucin-Targeted Antibodies for Ovarian Cancer. Semin Nucl Med 00:1-11 © 2025	Dr. Francis	Dr. P Shanmuga Sundaram
19.07.2025	Krokos et.al, A review of PET attenuation correction methods for PET-MR. Sept 2023. https://doi.org/10.1186/s40658-023-00569-0	Dr. Vikram	Dr. Manjit
26.07.2025	Terence Z.Wong, I.Michael Fras, PET/CT Protocols and Practical Issues for the Evaluation of Patients with Head and Neck Cancer, PET Clin 2 (2008) 413–421, doi:10.1016/j.cpet.2008.05.007	Dr. Krishna	Dr. Padma

GROUP DISCUSSION (Time: 4 - 5 pm)
(Attendees: All faculties and PGs)

DATE	TOPIC	FACULTY
04.07.2025	Preparation of SPECT Radiopharmaceuticals	NM tech
11.07.2025	Young hypertensive – What are the different NM tests to be done as part of evaluation	Dr. Padma

18.07.2025	Newer therapeutic radiopharmaceuticals	Dr. Shanmuga Sundaram
25.07.2025	Quality control of PET tracers	Dr. Anwin

PRACTICALS (Time: 4 pm - 5 pm)

DATE	TOPIC	FACULTY
01.07.2025	Decontamination methods in Hot lab radioactive spill	Dr. Padma
08.07.2025	QC of Tc MDP	Dr. Parvathy Pavithran
15.07.2025	QC of Ga 68 PSMA	Dr. Manjit
22.07.2025	System Spatial Resolution	Dr. P Shanmuga Sundaram

CLINICAL PATHOLOGY MEETING (Time: 3 pm – 4.30 pm)
(Attendees: All PGs)

DATE	TOPIC	PRESENTER	FACULTY
21.07.2025	Ca lung	Dr. Krishna	Dr. Manjit
28.07.2025	Melanoma sole	Dr. Francis	Dr. Padma S

PROCEDURE - 1472



DR. P. SHANMUGA SUNDARAM
PROFESSOR & HOD
DEPARTMENT OF NUCLEAR MEDICINE,
AIMS, KOCHI

