



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

PG TEACHING SCHEDULE JULY 2026

THEORY (Time: 2 pm - 3pm)

DATE	TOPIC	FACULTY
01.07.2026	PET CT Artifacts : Troubleshooting	Dr. Shanmuga Sundaram
06.07.2026	Radiation safety measures in Hot lab	Dr. Ramkesh
08.07.2026	Benign bone diseases – SPECTCT evaluation	Dr. Padma S
13.07.2026	Steps to improve the Image quality in Nuclear medicine	Dr. Padma S
15.07.2026	FDG PET/CT: EANM procedure guidelines for tumour imaging	Dr. Shanmuga Sundaram
20.07.2026	SPECT & PET tracers in Sarcoidosis	Dr. Parvathy
27.07.2026	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
04.07.2026	Modes of decay	Dr. Reshmi	Dr. Parvathy
11.07.2026	Interaction of radiation with matter	Dr. Keya	Dr. Padma S
18.07.2026	Scintillation detectors	Dr. Vikram	Dr. Ramkesh

CASE PRESENTATION (Time: 2 pm - 3 pm)
(Attendees: All faculties and PGs)

DATE	TOPIC	PRESENTER	FACULTY
02.07.2026	DMSA scan as short case	Dr. Keya	Dr. Parvathy
09.07.2026	Swelling in Breast – NM investigations to be performed	Dr. Reshmi	Dr. Padma
23.07.2026	Scan Session : Bone imaging	Dr. Vikram	Dr. P .Shanmuga Sundaram

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

DATE	TOPIC	PRESENTER	FACULTY
04.07.2026	Geoffrey M. Currie et.al, PETMR Part 2. Journal of Nuclear Medicine Technology September 2021, 49 (3) 217-225; DOI: https://doi.org/10.2967/jnmt.120.261862	Dr. Vikram	Dr. Parvathy
11.07.2026	A. Ayeni et.al, The role of [(18)F]FDG PET/CT in monitoring of therapy response in lung cancer Semin Nucl Med, 55 (2) (2025), pp. 175-189	Dr. Keya	Dr. P Shanmuga Sundaram
18.07.2026	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. Reshmi	Dr. Manjit
25.07.2026	Terence Z.Wong, I.Michael, PET/CT Protocols and Practical Issues for the Evaluation of Patients with Head and Neck Cancer Fras PET Clin 2 (2008) 413–421 doi:10.1016/j.cpet.2008.05.007	Dr. Vikram	Dr. Padma

GROUP DISCUSSION (Time: 4 pm – 5 pm)

(Attendees: All faculties and PGs)

DATE	TOPIC	FACULTY
03.07.2026	Preparation of Brain Radiopharmaceuticals	Dr Parvathy
10.07.2026	MUGA scan : Procedure	Dr. Padma
17.07.2026	Radiopharmaceuticals for radiation synovectomy	Dr. Shanmuga Sundaram
31.07.2026	Quality control of PET tracers	Dr. Manjit

PRACTICALS (Time: 4 pm - 5 pm)

(Attendees: All PGs)

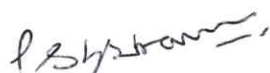
DATE	TOPIC	FACULTY
07.07.2026	Decontamination methods in Hot lab radioactive spill	Dr. Padma
14.07.2026	QC of Tc MDP	Dr. Parvathy Pavithran
21.07.2026	QC of Ga 68 PSMA	Dr. Manjit
28.07.2026	System Spatial Resolution	Dr. P Shanmuga Sundaram

CLINICAL PATHOLOGY MEETING (Time: 3 pm – 4.30 pm)

(Attendees: All PGs)

DATE	TOPIC	PRESENTER	FACULTY
06.07.2025	Ca lung	Dr. Keya	Dr. Parvathy
27.07.2026	Lump lateral abdominal wall	Dr. Reshmi	Dr. Padma S

PROCEDURE - 1630



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