



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

PG TEACHING SCHEDULE AUGUST 2025

THEORY (Time: 2 pm - 3pm)

DATE	TOPIC	FACULTY
04.08.2025	Artifacts in PETMR imaging	Dr. P Shanmuga Sundaram
06.08.2025	Practical consideration in working of Dual head Gamma camera esp in cardiac imaging	Dr. Ramkesh
11.08.2025	Linear energy transfer and Relative biological effectiveness.	Dr. Parvathy
13.08.2025	Gamma probe – Types, working with clinical applications	Dr. Padma S
18.08.2025	Tomographic reconstruction SPECT part I	Dr. Manjit Sarma
20.08.2025	Thyroid function tests	Dr. Padma S
25.08.2025	Linear energy transfer and Relative biological effectiveness.	Dr. P Shanmuga Sundaram

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

DATE	TOPIC	PRESENTER	CHAIRPERSON
02.08.2025	Working principles of Gamma camera	Dr. Sairam	Dr. Ramkesh
09.08.2025	FDG PET tracers and their applications	Dr. Sanjana	Dr. P Shanmuga Sundaram
16.08.2025	Thyroid uptake probe – working principles	Dr. Krishna Reddy	Dr. Padma S
23.08.2025	Parkinson's disease – SPECT and PET based interpretation	Dr. Vikram	Dr. Manjit Sarma

CASE PRESENTATION (Time: 4 pm - 5pm)
(Attendees: All faculties and PGs)

DATE	TOPIC	PRESENTER	FACULTY
07.08.2025	Scan session on PETCT – Gyne malignancies	Dr. Awiral	Dr. P Shanmuga Sundaram
14.08.2025	Parathyroid scans	Dr. Francis	Dr. Manjit
21.08.2025	Patient with recent chest pain - Myocardial perfusion SPECT	Dr. Sibiraj	Dr. Padma S

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

DATE	TOPIC	PRESENTER	FACULTY
02.08.2025	Buck et al. Theranostics in Hemato oncology. JNM July 2023, 64 (7) 1009-1016; DOI: https://doi.org/10.2967/jnumed.122.265199	Dr. Krishna Reddy	Dr. Padma S
09.08.2025	Tran – Gia J et al. Rethinking Dosimetry: A European Perspective. JNM September 2025, 66 (9) 1323-1330; DOI: https://doi.org/10.2967/jnumed.124.269378	Dr. Vikram	Dr. P Shanmuga Sundaram
16.08.2025	Naik et al. Imaging and therapy in prostate cancer using prostate specific membrane antigen radioligands Br J Radiol. 2024 Aug 1;97(1160):1391-1404. doi: 10.1093/bjr/tqae092.	Dr. Sairam	Dr. Manjit Sarma
30.08.2025	Sutera P, et al. The promise of metastasis-directed therapy for oligometastatic prostate cancer: going beneath the surface with molecular imaging. J Nucl Med. 2022;63(3):339-341	Dr. Sanjana	Dr. Parvathy

GROUP DISCUSSION (Time: 2pm - 3pm)
(Attendees: All faculties and PGs)

DATE	TOPIC	FACULTY
01.08.2025	Thyroid storm and its management	Dr. P Shanmuga Sundaram

08.08.2025	Graves disease with emphasis on Graves ophthalmopathy	Dr. Parvathy
22.08.2025	Imaging protocols, processing and display of bone SPECT	Dr. Padma S

PRACTICALS (Time: 4 pm - 5 pm)

DATE	TOPIC	FACULTY
05.08.2025	PMT demonstration	Tech demonstration
12.08.2025	Shielding instruments used for high dose I 131 therapy	Dr. Ramkesh
26.08.2025	Dispensing & demonstration of low dose I 131 therapy	Dr. Padma

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

(Attendees: All PGs)

DATE	TOPIC	PRESENTER	FACULTY
18.08.2025	Thyroid nodule	Dr. Vikram	Dr. Padma S
25.08.2025	PET detected Spinal lesion in unknown primary	Dr. Krishna	Dr. Shanmuga Sundaram

PROCEDURE - 1347

P. Shanmuga Sundaram

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