



# AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

## DEPARTMENT OF NUCLEAR MEDICINE

### TEACHING SCHEDULE FOR DECEMBER 2019

#### THEORY (TIME: 2PM)

DATE	TOPIC	FACULTY
02.12.2019	Obstructive nephropathy - pathophysiology	Dr. Parvathy
04.12.2019	Counting systems	Dr.Manjit
11.12.2019	Fractionation of radiation dose and dose rate effect	Dr.Vijay Harish
16.12.2019	Renovascular hypertension - pathophysiology	Dr.Manjit Sarma
18.12.2019	Renogram in renovascular hypertension	Dr. S. Sundaram

#### PRACTICALS (TIME:4PM)

DATE	TOPIC	FACULTY
03.12.2019	QC of SPECT (COR) I	Technologist demo
17.12.2019	QC of SPECT (COR) II	MD students hands on

#### SEMINAR (TIME: 4PM)

DATE	TOPIC	PRESENTER	FACULTY
05.12.2019	Imaging artefacts in myocardial perfusion scintigraphy and how to overcome them?	Dr. Febin	Dr.Parvathy

12.12.2019	Interventions in nuclear medicine procedures	Dr. Rahul	Dr. Vijay
26.12.2019	Sodium iodide symporter and its clinical relevance	Dr. Sahana	Dr. Padma
23.12.2019	Technetium chemistry and labelling	Dr. Siddhrath	Dr. Padma

**GROUP DISCUSSION (TIME: 4PM)**

DATE	TOPIC	FACULTY
06.12.2019	PET MRI - present clinical status.	Dr. Manjit
09.12.2019	Reporting renogram in obstructive nephropathy	Dr. Smita
13.12.2019	Applications of nuclear medicine in pretransplant work up	Dr. Smita
19.12.2019	LVEF – various methods of calculation, strengths and pitfalls	Dr. Vijay

**CASE PRESENTATION (TIME: 4PM)**

DATE	TOPIC	PRESENTER	FACULTY
10.12.2019	Exercise stress testing in ischemic cardiomyopathy	Dr. Shyma	Dr. Manjit
24.12.2019	Short case - Pheochromocytoma	Dr. Siddharth	Dr. Padma
31.12.2019	Scan sessions (Cardiovascular imaging 2)		Dr. S. Sundaram

**INTERDEPARTMENTAL LECTURES (NUCLEAR MEDICINE –  
ENDOCRINOLOGY – HEAD AND NECK COLLABORATION CLASSES)**

DATE	TIME	TOPIC	PRESENTER
20.12.2019	3.30	Journal club – The identification of intraoperative risk factors can reduce, but not exclude the need for completion thyroidectomy in low risk papillary thyroid cancer patients.	Dr. Yogesh

**JOURNAL CLUB (TIME: 4 PM)**

<b>DATE</b>	<b>TOPIC</b>	<b>PRESENTER</b>	<b>FACULTY</b>
07.12.2019	Targeting P-Selectin Adhesion Molecule in Molecular Imaging: P-Selectin Expression as a Valuable Imaging Biomarker of Inflammation in Cardiovascular Disease	Dr.Febin	Dr.Vijay
14.12.2019	Long-Term Clinical and Neuronuclear Imaging Sequelae of Cancer Therapy, Trauma, and Brain Injury	Dr.Shyma	Dr.Smita
21.12.2019	Presynaptic Striatal Dopaminergic Function in Atypical Parkinsonism: A Metaanalysis of Imaging Studies	Dr.Febin	Dr. Parvathy
28.12.2019	Presynaptic Striatal Dopaminergic Function in Atypical Parkinsonism: A Metaanalysis of Imaging Studies	Dr.Shyma	Dr. Padma.

**PROCEDURES**

<b>MONTH</b>	<b>TOTAL PROCEDURES</b>
DECEMBER 2019	682

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