



AMRITA INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

AIMS Ponekkara P.O. Kochi-41

DEPARTMENT OF NUCLEAR MEDICINE

ONLINE TEACHING SCHEDULE FOR MAY 2020

THEORY CLASSES (TIME: 2PM)

DATE	TOPIC	FACULTY
04.05.2020	Linear energy transfer and Relative biological effectiveness.	Dr. Vijay Harish
11.05.2020	Practical consideration in working of Gamma camera	Dr. Padma
18.05.2020	Physiological aspects of functioning of thyroid gland	Dr. Manjit
20.05.2020	Gamma probe – Types, working with clinical applications	Dr. P Shanmuga Sundaram
22.05.2020	Tomographic reconstruction part I	Dr. Vijay
25.05.2020	Thyroid function tests	Dr. Parvathy
28.05.2020	Congenital and benign diseases of thyroid gland	Dr. Padma

PRACTICALS (TIME: 4PM)

DATE	TOPIC	FACULTY
05.05.2020	PMT demonstration	Dr. Manjit
12.05.2020	Shielding instruments used for high dose I 131 therapy	Manikandan

19.05.2020	Dispensing & demonstration of low dose I 131 therapy	Technologist
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SEMINAR (TIME: 4PM)

DATE	TOPIC	FACULTY
08.05.2020	Positron emission mammography & instrumentation	Dr. Parvathy
15.05.2020	FDG PET tracers and their applications	Dr. Smita
22.05.2020	Animal PET	Dr. Vijay Harish
29.05.2020	F- DOPA in Parkinson's disease	Dr. Padma

ONLINE CASE DISCUSSION (TIME: 4PM)

DATE	TOPIC	FACULTY
07.05.2020	Thyroid storm and its management	Dr. Smita
14.05.2020	Antithyroid medications & its effects on I 131 therapy	Dr. Parvathy
21.05.2020	Imaging protocols, processing and display of bone SPECT	Dr. Vijay Harish

ONLINE CASE PRESENTATION (TIME: 4PM)

DATE	TOPIC	FACULTY
21.05.2020	Scan session on PET	Dr. P Shanmuga Sundaram
28.05.2020	Parathyroid scans	Dr. Vijay Harish
29.05.2020	Cardiac SPECT in CAD	Dr. P Shanmuga Sundaram

ONLINE JOURNAL CLUB (TIME: 4 PM)

DATE	TOPIC	FACULTY
02.05.2020	Comparison of ¹⁸ F-FET PET and perfusion-weighted MRI for glioma grading: a hybrid PET/MR study.	Dr. Vijay
09.05.2020	Clinical efficacy of combined 18F-Fluorocholine and 18F-FDG PET/CT in the diagnosis of hepatocellular carcinoma	Dr. Smita
06.05.2020	Lutetium ¹⁷⁷ PSMA radionuclide therapy for men with prostate cancer: a review of the current literature and discussion of practical aspects of therapy	Dr.S Padma
30.05.2020	^{99m} Tc-Tilmanocept: A Novel Molecular Agent for Lymphatic Mapping and Sentinel Lymph Node Localization	Dr. Parvathy

PROCEDURES

MONTH	TOTAL PROCEDURES
MAY 2020	443

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