

University of Pretoria Yearbook 2021

Multimodality imaging 400 (MMI 400)

Qualification	Undergraduate
Faculty	Faculty of Health Sciences
Module credits	24.00
NQF Level	08
Programmes	BRad in Diagnostics
Prerequisites	RPH 300
Contact time	1 discussion class per week, 1 lecture per week, 1 seminar per week
Language of tuition	Module is presented in English
Department	Radiography
Period of presentation	Year

Module content

Application of multimodality imaging in Oncological diseases- staging, therapy monitoring and individual risk assessment, and image guided intervention. Neurological diseases. Patient management models in multimodality imaging. Radiographic pathology; Image interpretation of multimodality imaging i.e. CT Scan; MRI; PET/CT; PET/MRI; PET/Mammography; Ultrasonography; Radiation Therapy delivery accuracy verification with Image Guided systems. Technical aspects of management of multimodality imaging systems. Quality assurance in multimodality imaging.

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