

University of Pretoria Yearbook 2017

Computer tomography 782 (RAW 782)

Qualification	Postgraduate
Faculty	Faculty of Health Sciences
Module credits	20.00
Programmes	BRadHons Diagnostics
Prerequisites	No prerequisites.
Contact time	1 discussion class per week
Language of tuition	Module is presented in English
Academic organisation	Radiography
Period of presentation	Semester 2

Module content

Introduction to principles of CT scan. Image acquisition, processing and image evaluation and interpretation normal as well pathological images of head, neck, thorax, abdomen and musculo-skeletal system. Application of Quality assurance including quality control and radiation safety principles for all investigations and procedures. Knowledge on Contrast media administration for all the different types of procedures and investigations. Patient care. Medico-legal aspects. Clinical application and evaluation by means of case studies.

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