

University of Pretoria Yearbook 2022

Diagnostic radiography 200 (DIR 200)

Qualification	Undergraduate
Faculty	Faculty of Health Sciences
Module credits	22.00
NQF Level	06
Programmes	BRad in Diagnostics
Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 1 seminar per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Radiography
Period of presentation	Year

Module content

Skeletal system: Procedures and techniques for: positioning, patient care, selection of Technique factors, radiation protection, pathological conditions and image evaluation. Problem-solving. Execution of radiographic examinations and procedures. Trauma radiography. Alternative imaging principles and procedures. Apparatus. Radiation protection.

Radiographic procedures: Execution of radiographic examinations and procedures, selection of technique factors, radiation protection, problem-solving, pathological conditions and image evaluation for neonatal and mobile unit procedures. Orthopaedic theatre procedures. Soft tissue examinations using contrast media in demonstration of Genito-urinary system and gastro-intestinal system.. Introduction to pharmacology and contrast media. Introduction to developing research idea and literature review and research question. Patient assessment, education and care by the diagnostic radiographer. Developing professional attitudes as a diagnostic radiographer practitioner. Patient communication-establishing professional relationship. Patient family interactions. Inter-professional management between divisions in radiography discipline. Inter-professional management within trauma, surgical theatre and hospital wards. Psycho-social management of patient.

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