



Module Specification

IV Contrast

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Part 1: Information

Module title: IV Contrast

Module code: UZYYKP-15-3

Level: Level 6

For implementation from: 2025-26

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Health & Applied Sciences

Department: HAS School of Health and Social Wellbeing

Partner institutions: None

Field: Allied Health Professions

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module covers the underpinning theory and application of the use of contrast media in medical imaging.

Features: Not applicable

Educational aims: To give students an understanding of a range of contrast media and their importance, related to contrast enhanced procedures for CT and MRI

examinations, including an understanding of the safety procedures and patient care required.

Outline syllabus: Pharmacology

Contrast media and drug reactions

Pharmaco-dynamics and pharmaco-kinetics

Health and Safety issues

Patient preparation and care prior to, during and after administration of contrast media.

Part 3: Teaching and learning methods

Teaching and learning methods: Students will apply a theoretical base knowledge to a clinical context of contrast enhanced procedure prior to the administration of IV contrast media routinely used in CT and MRI. This will include both physical and psychological patient preparation and safety checks.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Demonstrate an understanding of the impact that IV contrast can have on diagnostic quality in a complex clinical context.

MO2 Demonstrate an understanding of the impact of IV contrast media on patient safety in advanced medical imaging.

MO3 Demonstrate the theoretical knowledge and understanding of contrast media and drug reaction in advanced medical imaging techniques

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/index.html) via the following link <https://uwe.rl.talis.com/index.html>

Part 4: Assessment

Assessment strategy: This module will assess knowledge and decision-making around the use of IV contrast media in advanced imaging techniques via an eOSCE.

Assessment tasks:

Examination (Online) (First Sit)

Description: 1hr e-OSCE

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Examination (Online) (Resit)

Description: 1hr e-OSCE

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Medical Imaging {JEP} [Hainan] BSc (Hons) 2023-24