Faculty of Health and Medical Sciences
School of Health Sciences

Advanced Medicines Management
Module Code HCRM033

Credits / Level of Study 15 credits / Level 7

Module Overview
This module aims to enable healthcare practitioners working in advanced roles to significantly expand their knowledge of pharmacology, related clinical sciences and the practice of medicines optimisation.

Module Aims
Successful completion of this module should enable students to demonstrate knowledge, skills and understanding required to underpin medicines optimisation. There will be emphasis on the domains of pharmaceutical knowledge; principles of drug dosage, side effects, reactions and interactions; communication and concordance; philosophy and the psychology of medicines management.

Module Content
The indicative content reflects the guidance of the NMC (2006) NPC/NICE (2012), the RPS (2016) and the HCPC (2016) programme content guidance.

- Consultation, decision-making and therapy, including referral
  - models of consultation
  - accurate assessment, history taking, communication and consultation with patients/clients and their parents/carers
  - concepts of working diagnosis or best formulation
  - confirmation of diagnosis/differential diagnosis - further examination, investigation, referral for diagnosis
  - medicines review of prescribed and other medication

- Clinical pharmacology, including the effects of comorbidity
  - Pharmacology, including pharmacodynamics, pharmacokinetics, pharmacotherapeutics.
  - Anatomy and physiology as applied to prescribing practice.
  - Basic principles of drugs to be prescribed, eg. absorption, distribution, metabolism and excretion, including adverse drug reactions (ADR).
  - Interactions and reactions.
  - Patient/client compliance, concordance and drug response.
  - Impact of physiological state on drug responses and safety, for example, in elderly people, neonates, children and young people, pregnant or breast feeding women.
  - Pharmaco-therapeutics related to controlled drugs.

- Evidence-based practice and clinical governance in relation to prescribing
  - Rationale, adherence to and deviation from national and local guidelines, protocols, policies, decision support systems and formulae.
  - Reflective practice.
  - Critical appraisal skills, scrutinising data.

- Medicines Management in the public health context
  - policies regarding the use of antibiotics and vaccines
  - inappropriate use of medication including misuse, under- and over-use
  - inappropriate prescribing, over- and under-prescribing

Pre-requisites of Study
Students should have been qualified as a health care professional for at least 3 years and have been in a post for at least one year.
Students should be registered with the NMC or HCPC
Evidence of ability to study at level 7

Delivery of Module
A variety of learning and teaching strategies will be used in the delivery of the module, encompassing the following:
- Enquiry-based learning, to develop critical thinking in e.g. legal, ethical and professional issues
- Lectures by specialist professionals
- Online interactive resources
- Case studies/scenarios, to show the application of knowledge of drugs to clinical practice
- Student-led seminars, to show the application of knowledge of drugs to clinical practice

Assessment
Summative Assessment
A 3000 word critical analysis of a patient/client case study demonstrating advanced decision making in medicines management.

Key Information

Study Dates
September 2018: 27, 28
October 2018: 18
November 2018: 1, 15, 29
December 2018: 13

*Please check our website to ensure that there have been no revisions to the course dates listed

Location University of Surrey

Cost £980.00

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