

Foundations in Clinical Practice

Module Code:	PHA7023-D
Academic Year:	2018-19
Credit Rating:	40
School:	School of Pharmacy and Medical Sciences
Subject Area:	Pharmacy
FHEQ Level:	FHEQ Level 7 (Masters)

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Tutorials	54
Directed Study	346

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Academic Year (Sept - May)
BDA	University of Bradford / Non-Standard Academic Year (Jan - Sept)
BDA	University of Bradford / Semester 1 (Sep - Jan)

Module Aims

To provide students with the opportunity to apply the foundations of clinical practice by developing:

- The knowledge and ability to solve complex problems and justify their decisions
- Techniques for critical appraisal of published medical literature relating to therapeutic problems encountered in practice
- The confidence and ability to communicate effectively with patients and healthcare professionals.

- The ability to reflect on their practice to inform and plan their professional development.

Outline Syllabus

The role of reflection (both in & on action) in personal & professional development; Patient monitoring - incl. biochemical tests: urea & electrolytes, renal function, liver function, haematology, microbiological monitoring; Individualising drug therapy using relevant information, incl. age, liver or renal disease or other co-morbidities; Interpretation of serum drug concentrations & individualisation of drug therapy. Pharmaceutical care of patients with conditions incl.: respiratory disease (Asthma, chronic obstructive pulmonary disease & infections), cardiac disease (heart failure, angina/Non-STEMI/STEMI & atrial fibrillation) coagulation disorders & infections. Pharmaceutical care of patients requiring nutritional support, pain control, medicines reconciliation, support with adherence. Assimilation and appraisal of literature to answer therapeutic problems. Patient choice & responsible professionalism.

Assessment:

Portfolio - to consist of:

Mini-Clinical Eval. Exercise (CEX) (min 7)

Case based discussion (CBD) (min 3)

Direct Observation of Patient Consultation (DOPC) (min 3)

360 degree assessment

Patient profiles (min 3)

CPD entries (min 9)

Record on In-Training Assessment (RITA) & FPF assessment (minimum 3 (baseline + 2))

Assessment of a therapeutic problem

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1
 - a) Demonstrate a systematic understanding of the interpretation of common biochemical, haematological & microbiological test results, & formulate pharmaceutical care plans for their management.
 - b) Demonstrate a systematic understanding of the individualisation of drug therapy based on pharmacokinetic principles of drug therapy & the effects of co-morbidities & other drugs.
 - c) Critically evaluate prescribing practice in the light of evidence & accepted best practice to devise & justify appropriate courses of action for an individual patient.
 - d) Anticipate drug related problems ensure ongoing monitoring in order to optimise the use of medicines for individual patients
- 2
 - a) Systematically gather, critically analyse and evaluate data in order to solve complex problems
 - b) Demonstrate a sound understanding of the relevant issues, national guidance and primary evidence base, suggest an appropriate course of action in the management of a therapeutic problem.
- 3
 - a) Work effectively as part of the multidisciplinary team care to deliver patient-centred care
 - b) Communicate confidently and effectively with patients and the multi-disciplinary team.
 - c) Critically reflect on your practice and, using the standards set out in the

Foundation Pharmacy Framework (FPF), identify your own professional development needs and take appropriate action.

Learning, Teaching and Assessment Strategy

Learning outcomes 1 and 2 are developed and achieved through contextualising workshops that cover key topics. Students will receive compulsory pre-workshop tasks and topics will be further explored within directed study time. Evidence based content will be delivered by faculty experts & students will be encouraged to identify evidence based arguments & critique these in relation to their practice. Extensive use is made of the Virtual Learning Environment (VLE) & this medium is used to compliment workshops/lectures & includes relevant slides, web-sites, documents & a range of online resources.

Learning outcome 3 is developed primarily by completion of work-based assessments (forming an eportfolio), in which students communicate with patients and the multi-disciplinary team. These provide continual formative feedback to the student throughout the year. The knowledge and skills developed for learning outcomes 1 and 2 are utilised to make decisions and communicate with others. Students meet regularly with their practice tutor to discuss progress, identify learning needs and determine appropriate action (Learning outcome 3c).

Learning outcomes 1a-d and 2b are assessed via summative open book written exam (extended matching questions). Learning outcomes 1a-d and 3b are assessed via an open book objected structured clinical exam (OSCE); there is a particular focus on communication skills in this assessment, that is not possible in the written exam.

Learning outcomes 1a-3c are assessed via an eportfolio which requires students to demonstrate their development over the year, and that they have achieved the required level of clinical competence.

Assessment:

Waiver: all components must be passed individually with no compensation.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Examination - open book or seen paper	Extended matching answers	1 hour	25%	No

Summative	Coursework	Portfolio	-4000 words	50%	No
Summative	Coursework	Assessment of clinical competence (Foundation Pharmacy Framework) PASS/FAIL		%	Yes
Summative	Clinical Assessment	OCSE	1 hour	25%	No

Legacy Code (if applicable)

PH-5112K

Reading List

To view Reading List, please go to [rebus:list](#).