

Aseptics in Practice

Module Code:	PHA7042-C
Academic Year:	2018-19
Credit Rating:	30
School:	School of Pharmacy and Medical Sciences
Subject Area:	Pharmacy
FHEQ Level:	FHEQ Level 7 (Masters)
Module Leader:	Gary Deakin
Additional Tutors:	

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	2
Tutorials	5
Directed Study	293

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)

Module Aims

To provide students with the opportunity to develop and demonstrate:

- ' The knowledge and ability to solve complex problems and justify their decisions.
- ' Techniques for the critical analysis of published stability data relating to products made by the aseptic service.
- ' The confidence and ability to communicate effectively with pharmacy colleagues and other healthcare professionals.
- ' The ability to reflect on their practice to inform their professional development.

Outline Syllabus

The licensing and operation of aseptic units. The law and related national/international guidance. Good Manufacturing Practice (GMP), design of aseptic areas, personnel, clothing, environmental monitoring, hand washing and the use of isolators & HEPA filters.

Monitoring and controls required in aseptic units including; air pressures, air change rates, and microbiological monitoring to ensure quality & safety of the products produced, and also safety of staff in the aseptic unit. Aseptic products (CIVAS/PN/Cytotoxics), including evidence-based stability data. Clinical checking. Accuracy Checking. Product Release. Aseptic manipulations. Radiopharmacy. Responsible disposal of waste. Patient-centred care and responsible professionalism is embedded within all subject areas.

Module Learning Outcomes

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

- 1 Identify and critically appraise sources of information in order to assess the stability and compatibility of pharmaceutical products
- 10 Work effectively as part of the multidisciplinary team care to deliver patient-centred care
- 11 Communicate confidently and effectively with colleagues and the multi-disciplinary team
- 12 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
- 13 Demonstrate leadership at the point of care by employing a proactive approach to medicines optimisation
- 2 Identify and apply national and international guidance/standards to your practice as a pharmacist working in an aseptic unit
- 3 Make complex professional decisions by analysing incomplete or conflicting data to come to safe and appropriate conclusions
- 4 Communicate effectively with other healthcare professionals to ensure appropriate solutions are offered to problems with production
- 5 Systematically gather, critically analyse and evaluate data in order to ensure that a product made in an aseptic unit is stable & appropriate for individual patient use
- 6 Critically appraise different methods to choose the best way to make a safe & appropriate product
- 7 Apply knowledge and experience of appropriate manipulation techniques to be able to competently supervise aseptic dispensing
- 8 Explain the precautions taken in radiopharmacy units to protect staff from radiation
- 9 Demonstrate a sound understanding of the relevant issues, national guidance and primary evidence base, in order to suggest an appropriate course of action in the management of a technical problem

Learning, Teaching and Assessment Strategy

Tutorials on a study day provided at the University.

Work-based learning through the completion of a workbook directed by specialist pharmacists and technicians in the base hospital.

Assessment Strategy: Through the completion of a task-based workbook along with completion of two directed reflective essays (1500 words each)

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	Reflective pieces - 2 x 1500 word pieces with title provided	1500 words each	50%	Yes
Summative	Coursework	Workbook - Completed workbook to be submitted		50%	Yes

Legacy Code (if applicable)

PH-5116T

Reading List

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