Evidence Based Practice and Critical Appraisal
Module Code NURM178

Credits / Level of Study  
15 credits / Level 7

Who is this module for?  
- Anyone working in healthcare practice or research who wants to understand more about interpreting and using research evidence

Module Aims  
This module aims to:
- Formulate questions from common problems in clinical practice.
- Carry out advanced searches of databases to look for evidence.
- Understand the principles of systematic review
- Retrieve relevant evidence.
- Critically appraise a range of published research.
- Understand the epidemiological concepts of absolute and relative risk.
- Understand the process of implementing change in practice on the basis of evidence.

Learning Outcomes  
On successful completion of this module, students will be able to:
- Identify problems within clinical practice and formulate structured questions that can be answered using published evidence; Evaluate and use different checklists/tools for appraising research; Critically appraise a range of published research (including randomised control trials, non-randomised studies, qualitative studies and systematic reviews); discuss the challenges for implementing evidence in clinical practice and the solutions to overcome these; Use information technology effectively. (CKT)
- Understand the principles behind systematic reviews, searching the literature; types of checklists that can be used to appraise research papers. The definition of different risk presentations. (CKP)
- Critically appraise and integrate appropriate published work into written assignments; argue a case to peers; communicate ideas, principles and theories effectively by oral and written means; use information technology effectively. (CKPT)

Module Content  
- Introduction to the concepts of evidence and evidence based practice
- Formulating a question to ask of the literature
- Finding the best evidence
- Appraising research articles: randomised controlled trials, non-randomised studies qualitative studies, and systematic reviews.
- Implementing evidence in practice

Pre-requisites/co-requisites of study  
None

Delivery of Module  
The learning and teaching methods include:
Give students a grounding in the theory of evidence based practice; methods for conducting systematic review and interpreting outcomes through taught sessions; and using practical sessions
Provide opportunities for students to apply these theories in answering research questions relevant to their own clinical practice;
Promote individual and group learning; 4) encourage development of generic attributes including critical thinking, team working, oral and written presentation skills.

Assessment  
Oral Presentation (30%)
Essay (70%) 2,000 words

Key Information  
Study Dates  
November 2018: 21, 28  
December 2018: 12
*Please check our website to ensure that there have been no revisions to the course dates listed

Location  
University of Surrey

Cost  
£980.00

Module Leader  
Dr Debbie Cooke
Email: d.cooke@surrey.ac.uk

Post Registration Administration Team  
Tel: 01483 684505  
Email: postreg_admin@surrey.ac.uk

How to Apply  
Application forms can be printed from our website