Evidence Based Medicine
October 28–29, 2017
UEG Week Vienna 2017, Barcelona, Spain

Programme
Evidence Based Medicine Course: Preliminary Programme

Scientific direction, faculty, tutors

- Alexander Ford (Leeds, UK)
- Sanjiv Mahadeva (Kuala Lumpur, Malaysia)
- Leonardo Eusebi (Bologna, Italy)
- Gavin Johnson (London, UK)
- John Kane (Leeds, UK)
- Anne Lund Krarup (Aalborg, Sweden)
- Björn Lindkvist (Gothenburg, Sweden)
- Andre Mihaljevic (Heidelberg, Germany)
Evidence Based Medicine Course: Preliminary Programme

Saturday, October 28, 2017

08:30–09:00
Registration

09:00-10:00
Words of welcome
Introduction
Quiz: CLINICAL MANAGEMENT CASE
Interactive exercise

10:00 – 11:15
Module A: Clinical Questions
From clinical practice to answerable questions
Exercises based on patient histories

Specific learning objectives:
• To understand that everyday clinical practice is governed by clinical questions
• To understand what kind of clinical question can lead to what kind of answer
• To reformulate a question to the PICO-format, which makes it answerable in a scientific way

11:15 – 11:30
Coffee break

11:30-13:30
Module B: Search Literature Databases
From the question to potentially relevant evidence
Interactive lecture, hands-on exercise on the computer

Specific learning objectives:
• To know different literature databases and search engines and to understand their strengths and weaknesses
• To build a search strategy combining topic filter (PICO) with methodological filter by Boolean operators (AND, OR, and NOT)
• To perform basic and advanced searches in PubMed including “clinical queries” and in The Cochrane Library
• To select relevant literature for scrutinising and critical appraisal

13:30-14:30
Lunch break
Saturday, October 28, 2017

14:30-18:00
**Module C: Design your study**
From the papers to critically appraised new knowledge
Small group work and interactive lectures
  • To understand the hierarchy of published medical research
  • To appreciate the advantages and disadvantages of different study designs
  • To learn how to critically appraise different types of study design, and decide whether or not to incorporate the findings into your own clinical practice

15:00 – 15:15
**Coffee break**
Sunday, October 29, 2017

08:30-10:00
**Module C: Design your study**
Randomised Control Trial Study

10:00-10:30
Coffee break

10:30-12:00
**Module C: Design your study**
Meta Analysis Study

12:00-12:30
Summary Module C

12:30-13:30
Lunch break

13:30-15:00
**Module D: EBM Transfer**
From critically appraised new knowledge to changed practice
Small group work and theory input and video analysis

Specific learning objectives:
- To recognise the leaking pipeline of evidence and explain barriers to transfer evidence in clinical practice
- To name and explain the principles of change management
Sunday, October 16, 2016

15:00-15:15
Coffee break

15:15-16:00
Module D: EBM Transfer
From learning to teaching EBM skills
Small group work, theory input and video analysis

Specific learning objectives:
• To recognize and value various teachable moments for EBM principles in clinical practice
• To name and explain basic principles in adult learning theories in context of EBM teaching
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