



4-5 NOVEMBER 2019 EDINBURGH CRITICAL CARE RESEARCH METHODS

Edinburgh Research Methods Course for Critical Care, Anaesthesia and Emergency Specialties

This two day course consists of a comprehensive series of lectures and workshops designed for clinicians and researchers who are seeking to improve their understanding of key research methods with a focus on the acute health care setting.

The course covers research methodologies required to critically appraise and to conduct clinical research. There is a strong focus on group work and interactive sessions.

The course is of particular relevance to clinicians, trainees, AHPs and researchers in critical care, emergency medicine, acute medical specialities and anaesthesia.

Comments from previous Research Methods Courses:

- "Great presenters, fantastic course, very glad I attended."*
- "An excellent course - a realistic practical approach to both designing, appraising and implementing research... a great advert for Edinburgh!"*
- "Excellent course, whether conducting research or just appraising papers."*
- "One of the most useful and applicable courses I've taken"*
- "Thoroughly enjoyed the stats - even as a mathspobe!"*

The course is approved by the Royal College of Anaesthetists for 12 CPD credits and the Federation of the Royal Colleges of Physicians of the United Kingdom for 12 external CPD credits.



Target Audience

Intensive Care Medicine
Anaesthesia
Emergency Medicine
Acute Medical Specialties

Topics Covered

Statistics for the uninitiated
Randomised controlled trials
Epidemiology • Systematic reviews • Health economics
Quality Improvement science and other topics

Course Director

Dr Nazir Lone
Deputy Director of Research,
Intensive Care Society

Course Fee £195

including course materials
and delegate meal

Venue

Chancellor's Building,
Royal Infirmary of Edinburgh,
49 Little France Crescent,
Edinburgh EH16 4SA

Contact and Booking

Dawn Campbell
Dept of Anaesthesia, Critical
Care and Pain Medicine
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Tel: 0131 242 6395
<https://edin.ac/2wj4eJT>

4-5 NOVEMBER 2019 EDINBURGH CRITICAL CARE RESEARCH METHODS COURSE PROGRAMME

Monday 4 November 2019

- 09:30 Registration and coffee
10:00 Introduction
10:15 **Formulating research questions and study designs**
10:50 Quality improvement research
11:25 **Epidemiological studies: the basics**
12:00 Lunch
13:00 **Randomised controlled trials: Part I**
13:35 **Workshop 1: RCTs**
14:25 **Health economics: the basics**
15:00 Coffee break
15:30 **Statistics for the uninitiated: Part I**
16:05 **Workshop 2: Epidemiology and statistics**
16:55 **Conducting research in the acute setting**
17:30 **Summary for first day**
17:45 **Close**

Tuesday 5 November 2019

- 09:00 Registration and coffee
09:30 **Statistics for the uninitiated: Part II**
10:05 **Understanding diagnostic tests**
10:40 **Systematic review and meta-analysis**
11:15 **Workshop 3: Systematic review and meta-analysis**
12:00 Lunch
13:00 **Qualitative research: the basics**
13:35 **Using routine data in research**
14:10 **Randomised controlled trials: Part II**
14:45 Coffee break
15:05 **Controversies in the field**
15:30 **Workshop 4: Designing a clinical trial**
16:30 **Summary and close**

Note: This is a provisional programme and is subject to alteration

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Key

Core sessions

Group work

Sessions for interest

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