



# 06-07 NOVEMBER 2017

# 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 2014, 2015 & 2016 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 mathsphobe!"*

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.



THE UNIVERSITY of EDINBURGH



## 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 Directors

Dr Nazir Lone  
Prof Tim Walsh

## 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  
Room S8208, 2nd Floor  
Royal Infirmary of Edinburgh  
51 Little France Crescent, Edinburgh, EH16 4SA  
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Tel: 0131 242 6395  
<http://edin.ac/2q25lJJ>

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## EDINBURGH CRITICAL CARE RESEARCH METHODS COURSE PROGRAMME

### Monday 06 November 2017

- 09:30 Registration and coffee  
10:00 Introduction  
10:10 **Formulating research questions and study designs**  
10:45 **Qualitative research: the basics**  
11:20 **Statistics for the uninitiated: Part I**  
11:55 **Randomised controlled trials: Part I**
- 12:30 Lunch**
- 13:15 **Workshop 1: RCTs**  
14:10 **Health economics: the basics**
- 14:45 Coffee break**
- 15:15 **Systematic review and meta-analysis**  
15:50 **Workshop 2: Systematic review and meta-analysis**  
16:45 **Conducting research in the acute setting**  
17:20 **Summary of first day**  
17:30 **Close**

### Tuesday 07 November 2017

- 08:45 Registration and coffee  
09:15 **Statistics for the uninitiated: Part II**  
09:50 **Understanding diagnostic tests**  
10:25 **Epidemiological studies: the basics**
- 11:00 Coffee break**
- 11:30 **Workshop 3: Epidemiology and statistics**  
12:20 **Quality improvement research**
- 12:55 Lunch**
- 13:45 **Understanding complex interventional trials**  
14:20 **Randomised controlled trials: Part II**
- 14:55 Coffee break**
- 15:15 **Controversies in the field**  
15:45 **Workshop 4: Designing a clinical trial**  
16:35 **Summary of second day**  
16:45 **Close**

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#### Key

Core sessions

Group work

Sessions for interest

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Anaesthesia  
Emergency Medicine  
Acute Medical Specialties

### Course Directors

Dr Nazir Lone  
Prof Tim Walsh

### Course Website

<http://edin.ac/2q251JJ>

### Course Fee £195

including course materials and  
delegate meal

### Date

06-07 November 2017

### Venue

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Infirmary of Edinburgh, EH16 4SA

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

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