

# EVIDENCE BASED MEDICINE

## A SHORT COURSE FOR CONSULTANTS AND JUNIOR DOCTORS

If you are interested in honing your skills and understanding of evidence based medicine, this course will take you through the first steps into research, practising evidence-based medicine, and help mentor you through the process.

For those who are further advanced in their training or already established in practice, the principles will help you to reflect on your approach to diagnosis and treatment.

In this one day, course Professor Frank Bowden will walk you through practising evidence-based medicine, and help mentor you through the process with optional one on one support sessions available to participants.

### ELIGIBILITY

This short course is best suited to junior doctors, registrars and consultants who wish to know more about the principles and practice of evidence based medicine. Final year medical students are also able to attend. You must be studying or working in the Loddon Mallee region to participate in this program.

### PROGRAM

This one day program is taught in three parts:

#### **Session 1. An Introduction to EBM and clinical research**

This session gives a brief history of modern clinical research and evidence based medicine, and the strengths and weaknesses of diagnostic testing and treatments.

#### **Session 2. Everything I Knew about Diagnostic Testing is Probably Wrong**

In this session, you will learn how to validate a diagnostic test and explore how these can be used most effectively.

#### **Session 3. Treatment effects: My favourite number may not be the same as your favourite number**

In this session, you will learn the fundamentals of randomised clinical trial methodology, and how to balance the harms and benefits of treatments

Participants receive a certificate of attendance upon completion of the course.

### DATES

**Friday 22 March 2024**, 2pm-8pm, Ms Batterhams, Bendigo

**June**, Mildura, Dates and Venue to be confirmed

### CONTACT US

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### FACILITATOR

**Professor Frank Bowden**

An infectious disease physician and researcher with extensive experience at Australian National University, Victorian Aged Care Response Centre, Calvary Bruce Public Hospital and ACT Health. Currently Clinical Champion with the North West Victoria Regional Training Hub

*"THIS SESSION HAS LEFT ME WITH A HEALTHY DOSE OF SKEPTICISM TOWARDS RELYING MOSTLY ON CLINICAL EXPERTISE WITHOUT USING EVIDENCE BASED MEDICINE."*

2023 Participant