

Research Skills Workshops

Workshops: Wednesday 25th July 2018, [register here](#)

Translational Research Institute (TRI), 37 Kent Street,
Woollongabba, Brisbane, Queensland 4102

Introduction

Time and Date: Research Forum on Monday 23rd and Tuesday 24th July, with workshops on 25th July 2018
Concurrent Research Skills Workshops on 25th July will cover four streams – Clinical trials, Qualitative and Consumer Engagement, ANZDATA Registry, and Health Economics

Venue: Translational Research Institute (TRI), 37 Kent Street, Woolloongabba, Brisbane, Queensland 4102

Outline

This nationwide [Research Forum](#) and Research Skills Workshops are for patients, clinicians, and researchers with an interest in conducting and implementing research to improve outcomes for people with chronic kidney disease. The forum provides a unique opportunity to hear and discuss innovative methods, high-priority research projects, and to meet potential collaborators. This will focus on research into chronic kidney disease, facilitated by infrastructure to support these activities in Australia and New Zealand including the:

- Australasian Kidney Trials Network (AKTN)
- Australia and New Zealand Dialysis and Transplant Registry (ANZDATA)
- Kidney Health Australia – Caring for Australasians with Renal Impairment (KHA-CARI) Guidelines
- Cochrane Kidney and Transplant

Who can attend?

The forum is open to all health professionals working in the area of kidney disease – including nephrologists, nurses, dieticians, social workers, psychologists, physiotherapists and other disciplines - with a research interest in patients with kidney disease. This meeting is also open to consumers with CKD (patients or caregivers), policy makers and industry.

The research skills workshops are aimed at all clinical staff interested in research, and are applicable to most research areas.

Meeting Objectives

The goals of the forum are:

- To build capacity in clinical and population health research applied to CKD
- To facilitate enhanced multidisciplinary collaboration
- To promote the understanding and uptake of new methods
- To develop a shared research agenda among all relevant stakeholders, especially among patients and their caregivers.

The goal of the workshops is to provide professional development in research skills.



Program for Research Skills Workshops (concurrent)

WEDNESDAY 25 TH JULY 2018 – WORKSHOP ONE, TRI, SPARQ-ED ROOM	
Time	Workshop One: Qualitative/Consumer Engagement
9:30 - 10:00 am	Registration and coffee
10:00 - 10:20 am	SESSION 1: Introduction <i>Chair: Associate Professor Allison Tong</i>
10:20 - 10:40 am	SESSION 2: Qualitative research design
10:40 - 11:00 am	Exercise 2a) Study design
11:00 - 11:10 am	SESSION 3: Data Collection <ul style="list-style-type: none"> • Observation • Document Analysis
11:10 - 11:30 am	Morning tea
11:30 - 11:50 am	SESSION 3: Data Collection (continued) <ul style="list-style-type: none"> • Interviews
11:50 - 12:40 pm	Exercise 3a) Interviews
12:40 - 1:00 pm	SESSION 3: Data Collection (continued) <ul style="list-style-type: none"> • Focus groups
1:00 - 1:30 pm	Lunch
1:30 - 2:00 pm	Exercise 3b) Focus groups
2:00 - 2:30 pm	SESSION 4: Data Analysis
2:30 - 3:15 pm	Exercise 4a) Initial coding
3:15 - 3:30 pm	Afternoon Tea
3:30 - 4:20 pm	SESSION 5: Appraisal and reporting
4:20 - 4:45 pm	SESSION 6: Publishing qualitative studies
4:45 - 5:00 pm	Questions, evaluation and close
5:00 pm	Workshop close

WEDNESDAY 25TH JULY 2018 – WORKSHOP TWO, TRI, ROOM 3000

Time	Workshop Two: Health Economics
8:30 - 9:00 am	Registration and coffee
9:00 - 10:30 am	SESSION 1: Introduction to economic evaluations – Part 1 <i>Chair: Dr Martin Howell</i> What are economic evaluations? What costs? – it all depends on the perspective Discounting – why and how much? Questions/Discussion
10:30 - 10:45 am	Morning tea
10:45 - 12:30 pm	SESSION 2: Introduction to economic evaluations – Part 2 Types of benefits Estimating utility and QALYs – approaches and limitations Group Exercise – Calculating QALYs, and ICERs and how to interpret
12:30 - 1:15 pm	Lunch
1:15 - 3:00 pm	SESSION 3: Practical Applications – Informing Practice and Policy Clinical trials Economic models Pharmaceutical Benefits Advisory Committee
3:00 - 3:15 pm	Afternoon Tea
3:15 - 4:15 pm	SESSION 4: The Role of Preferences and Values What are preferences and how can they be measured? Whose preferences? Group discussion using a case study – e.g. deceased donor organs
4:15 pm	Workshop close

WEDNESDAY 25TH JULY 2018 – WORKSHOP THREE, TRI ROOM 7093

Time	Workshop Three: ANZDATA Registry
8:30 - 9:00 am	Registration and coffee
9:00 - 10:20 am	SESSION 1: Introduction: Basic structure of ANZDATA. Identity and comorbidity tables <i>Chair: Professor Stephen McDonald</i> Core: Dialysis tables, peritonitis, transplant The rest of ANZDATA ANZOD
10:20 - 10:45 am	Morning tea
10:45 - 12:45 pm	SESSION 2: Using ANZDATA – tricks to setting up the dataset. Merging common outcomes. Basics of Multivariate model: selection, construction, assumptions Checking assumptions and dealing with violations and missingness Survival analyses 1. Basics of K-M, Cox model
12:45 - 1:30 pm	Lunch
1:30 - 2:30 pm	SESSION 3: Practical Issues Practical issues 1: Log files, projects, do and ado files Practical issues 2: Macros, loops and how to use them Practical issues 3: Graphs
2:30 - 3:00 pm	Afternoon Tea
3:00 - 3:30 pm	SESSION 4: Survival analyses 2: Extending the Cox model
3:30 - 4:15 pm	Putting it into practice – bring a question
4:15 pm	Workshop close

WEDNESDAY 25TH JULY 2018 – WORKSHOP FOUR, TRI ROOM 2007

Time	Workshop Four: Clinical Trials
8:00 – 8:30 am	Registration and coffee
8:30 – 9:15 am	SESSION 1: Introduction to clinical trials <i>Chair: Professor Carmel Hawley</i> Developing a question Why trials are essential Feasibility and pilot studies
9:15 - 10.15 am	SESSION 2: Trial Designs <i>Chair: Elaine Pascoe</i> Parallel group, cross-over, and multi-arm factorial designs Cluster designs; superiority and non-inferiority objectives
10:15 - 10:30 am	Morning tea
10:30 - 11:30 am	SESSION 3: Trial Outcomes <i>Chair: Dr Magid Fahim</i> Developing an outcome Surrogate and composite outcomes Types of outcome measures and statistical structures
11:30 – 12:30 pm	SESSION 4: Sample size determination <i>Chair: Associate Professor Mark Chatfield</i> Calculating study size for common outcomes and designs Assumptions, adjustments for loss to follow-up and non-compliance
12:30 – 1:00 pm	Lunch
1:00 – 2:00 pm	SESSION 5: Randomization <i>Chair: Elaine Pascoe</i> The need for random assignment Methods of randomisation, minimisation, blinding and allocation concealment
2:00 – 3:00 pm	SESSION 6: Adaptive designs <i>Chair: Associate Professor Stephane Heritier</i> Inefficiencies in traditional designs, types of adaptations, multi-arm Bayesian adaptive designs
3:00 – 3:15 pm	Afternoon Tea
3:15 – 4:00 pm	SESSION 7: Data monitoring <i>Chair: Professor Carmel Hawley</i> Interim monitoring of safety and efficacy data Data and safety monitoring boards
4:00 – 4:30 pm	SESSION 8: Running a clinical trial <i>Chair: Dr Magid Fahim</i> Real life considerations in starting and running a clinical trial
4:30 pm	Workshop close