**PAPER NUMBER #127**

Implementation research and methods – from concept to translation. Lessons from acute care.

**Presenting Authors**

Prof Sandy Middleton, Prof Elizabeth McInnes, and Ms Simeon Dale

**Affiliation**

Nursing Research Institute, Australian Catholic University & St Vincent’s Health Australia Sydney

**Country of residence**

Australia

**Objectives/aims**

A ten-year program of implementation research aimed at translating evidence-based stroke guidelines into practice will be presented. This will include: i) evidence generation from a seminal trial; ii) how successful scale-up and spread of this proven intervention across an entire state was achieved; and iii) how implementation in 12 European countries is being supported from Australia. In addition, lessons learnt from introducing our evidence-based intervention into another clinical setting and findings from a related process evaluation also will be presented.

**Methods**

***QASC to QASC Europe: National to international scale-up*** will outline seminal implementation research decreasing death and disability post-stroke. Next, we will discuss successful translation across NSW, and how we now are supervising implementation in 12 European countries.

***The T3 Trial: Implementation of evidence-based care in Emergency Departments***will outline the difficulties of introducing change in complex settings.

***Process evaluation of the T3 Trial***will highlight clinicians’ experiences of implementation and contextual influences that may support or mitigate evidence uptake.

**Main findings**

Following the presentations, the Symposium Chair will facilitate discussion on implications for implementation research beyond stroke, highlighting the value of a priori process evaluations, use of theory to develop interventions and strategies for ‘scale up and spread’. Attendees will gain an understanding of how a program of implementation research can evolve and successfully be scaled up to improve care across a health system.