Clinical Design and preliminary data on a multistate multisite telehealth project for the management of chronic disease in the community

Speaker: Prof Branko Celler, Emeritus Professor at UNSW and Principal Research Scientist at the CSIRO

Venue: Room 305, Level 3, Samuels Building, UNSW upper campus, Randwick

Date: Wednesday 12 November 2014

Time: 12:00-1:00pm (light refreshment is provided)

Enquiries: Nina Mili n.mili@unsw.edu.au
Parking: Available on L5 of the parking station; enter via Gate 11 Botany St, Randwick
Map: http://www.unsw.edu.au/maps/maps.html

ABSTRACT
Telehealth is increasingly being deployed internationally to manage patients with chronic disease at home or in the community. The CSIRO was funded under the NBN Telehealth Pilots Program to design, execute and evaluate the outcomes of the largest clinical trial of at home telemonitoring for the management of chronic disease ever undertaken in Australia. The clinical design of this trial is based on a Before and After Control Intervention (BACI) protocol involving 100 Test (intervention) patients and 200 Control patients at five sites along the Eastern Seaboard of Australia from Townsville to Launceston. In addition to the BACI design, this trial is also unique in accepting any chronically ill patient who has been hospitalised at least twice in the previous year. Test patients eligible for participation in this trial have heart disease, lung disease, diabetes and unstable hypertension, often with multiple comorbidities. As well as health and economic outcomes and patient self-management, this trial is also exploring the impact of workplace culture and capacity for organisational change management on achieving a successful outcome.
In this seminar we will present the trial design, the integration of data from multiple sources and the preliminary outcomes of the trial.

BIOGRAPHY
Prof Branko Celler is Emeritus Professor at UNSW and Principal Research Scientist at the CSIRO. He is a Fellow of ATSE and of the IEEE and was a Foundation Fellow of ACHI. He is internationally recognised for his research on biomedical engineering and the application of medical informatics and ICT in health. He is regarded as one of the international pioneers in developing telehealth technologies for the monitoring of chronically ill patients at home.