AuSCR Research Task Group approved projects

Title	**How effective is using Registry Data for recruitment to a Falls/Rehabilitation in Stroke Randomised Controlled Trial**
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Co-investigators	Professor Lindy Clemson, Professor Catherine Dean, Professor Louise Ada, Professor Dominique Cadilhac
Submission date	31 July 2019
AuSCR role	Recruitment
Approved	20 September 2019
Status	In progress
Summary	Registries can retrospectively identify very large numbers of potential subjects for screening for eligibility and enrollment in prospective clinical trials. This matching can lead to more timely recruitment and help solve a major problem in conducting clinical trials. The aim of this study is to better understand registry-based recruitment from a recently funded NHMRC rehabilitation trial, the Falls after Stroke (FAST) Study. The aim of this sub-study / methods study is to determine the feasibility of recruiting 370 community-living stroke survivors into a home-based exercise trial and to address pragmatic issues specific to the recruitment of participants into a rehabilitation trial. Method: All study procedures, including written informed consent, have been reviewed and approved by the Macquarie University Human Research Ethics Committee. Participants will be adults registered in AuSCR who are aged 65 years or older who have had a first-time stroke, who live in geographic proximity to study hubs (post-codes will be provided to refine recruitment request). We will use batches of letters+information sheets, sent by registry staff every month (150 in sydney, 30 in canberra), to commence recruitment to the larger RCT over a 2.5 year period (total letters 5300 based on lowest expected 7% response rate). Univariate analyses, chi-square tests, and t tests will be used to report recruitment results. Specifically, we will report comparative screening efficiency by determining the eligibility status for potential participants identified using the AuSCR Registry. We will seek the total N of potentially eligible participants in AUSCR, the number of these who respond to the mail-out invitation, the number who are eligible on manual review, and the number who consent to the trial. Analyses will be conducted using SPSS.