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## #246 - Accelerating Research Translation: The ART of evidence based care

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### Objectives/aims

The process of translating research findings into clinical practice in large health services is challenging, leading to lengthy gaps between the generation of research evidence and improved patient care. In collaboration with key stakeholders and consistent with implementation science, we have designed the Accelerating Research Translation (ART) framework to guide research translation and capacity building in health services. The ART framework provides a structured approach to support clinicians to translate evidence into practice, based on an adaptation of an existing framework for quality improvement projects already familiar to clinicians in the health service. The primary aim of this study is to evaluate whether the proportion of patients receiving care in accordance with clinical practice guidelines can be increased through clinician-led research translation projects guided by the ART framework. The secondary aims will be to provide insights into confidence in research translation, the degree of implementation achieved and perceptions of stakeholders.

### Methods

This is a proof-of-concept study to test the framework using ten clinician-led evidence-translation projects at Eastern Health. Clinicians able to articulate an evidence practice gap in their clinical area were invited to lead a research translation project using the framework, supported by a series of training workshops and an allocated mentor. One primary outcome measuring the proportion of patients receiving care in accordance with the relevant clinical practice guideline measured pre and post intervention will be analysed in a planned pooled analysis across the



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ten projects. Pre and post questionnaires and qualitative interviews will be used to explore implementation and confidence in research translation.

### **Main findings**

Eleven clinicians accepted places in the program, from a broad range of clinical areas including medicine (n=2), nursing (n=2), medical imaging (n=1), dietetics (n=2), occupational therapy (n=2), physiotherapy (n=3) and podiatry (n=1). Content has been developed for three workshops, and each participant has been allocated a mentor. This presentation will describe the development, content and rationale of the ART strategy; the characteristics of the pilot projects; early experiences of delivery of the program and the protocol for evaluation.