



Transforming Implementation & Improvement Into Science Educational Series

Session Title	“Implementation Strategies Versus Study Interventions”
Presentation Date	January 25 th 2018
Learning Objectives	<ul style="list-style-type: none">• Differentiate between implementation strategies and intervention components• Discuss how to link implementation strategies to study aims, setting, process and outcome measures

Session Resources	
<i>Overview of Implementation and Improvement Strategies</i>	
Implementation Research in Mental Health Services: An Emerging Science with Conceptual, Methodological, and Training Challenges	
Proctor EK, Landsverk J, Aarons G, Chambers D, Glisson C, Mittman B. Implementation Research in Mental Health Services: An Emerging Science with Conceptual, Methodological, and Training Challenges. <i>Administration and Policy in Mental Health and Mental Health Services Research</i> . 2009;36(1):24-34.	
<ul style="list-style-type: none">• This seminal implementation science article offers an defines implementation strategies and their role within implementation science. The article differentiates implementation strategies from practice or treatment strategies.	
Implementation Strategies: Recommendations for Specifying and Reporting	
Proctor EK, Powell BJ, McMillen JC. Implementation strategies: Recommendations for specifying and reporting. <i>Implementation Science</i> . 2013;8(1).	
<ul style="list-style-type: none">• This article offers an accessible definition of implementation strategies and discusses their application to implementation science research. Authors provide recommendations to researchers on specifying their strategies, naming them, operationalizing, and justifying their use.	

Session Resources, continued

Overview of Implementation and Improvement Strategies

[A Refined Compilation of Implementation Strategies: Results from the Expert Recommendations for Implementing Change \(ERIC\) Project](#)

Powell BJ, Walz TJ, Chinman MJ, Damschroder LJ, Smith JL, Matthieu MM, Proctor EK, Kircher JE. A Refined Compilation of Implementation Strategies: Results from the Expert Recommendations for Implementing Change (ERIC) Project. *Implementation Science*. 2015;10:21.

- This article compiles 73 implementation strategies from prior research, with information about their application. This article is a useful resource for researchers aiming to learn about different implementation strategies and identify strategies that may apply to their own research.

Examples of Studies Evaluating the Use of Various Implementation Strategies

[A Realist Review of Interventions and Strategies to Promote Evidence-Informed Healthcare: A Focus on Change Agency](#)

Mccormack B, Rycroft-Malone J, Decorby K, et al. A Realist Review of Interventions and Strategies to Promote Evidence-Informed Healthcare: A Focus on Change Agency. *Implementation Science*. 2013;8(1).

- This literature review describes which characteristics of ‘change agency’ (or leaders) work, for whom, and why. This article is useful for researchers planning to implement interventions using a clinical champion or other key leader.

[The Effectiveness of Clinical Guideline Implementation Strategies – A Synthesis of Systematic Review Findings](#)

Prior M, Guerin M, Grimmer-Somers K. The Effectiveness of Clinical Guideline Implementation Strategies - A Synthesis of Systematic Review Findings. *Journal of Evaluation in Clinical Practice*. 2008;14(5):888-897.

- This systematic review analyzed which implementation strategies were effective or ineffective in changing provider adherence to clinical guidelines. Authors found that combining different strategies was most effective, while individual didactic lectures were ineffective. This is a useful article to learn about implementation strategies to change provider behavior.

[A Systematic Review of Hand Hygiene Improvement Strategies: A Behavioural Approach](#)

Huis A, Achterberg TV, Bruin MD, Grol R, Schoonhoven L, Hulscher M. A Systematic Review of Hand Hygiene Improvement Strategies: A Behavioural Approach. *Implementation Science*. 2012;7(1).

- In this systematic review of improvement strategies to change provider hand washing behavior, authors found that a combination strategies worked best, but there were ‘hidden and valuable’ nuances of these combinations that were distinct and important in each study. This paper is a useful example of strategies to change provider behavior and could be helpful when designing studies focused on one specific provider behavior.

Session Resources, continued

Examples of Studies Evaluating the Use of Various Implementation Strategies, continued

[Feasibility and acceptability of two incentive-based implementation strategies for mental health therapists implementing cognitive-behavioral therapy: a pilot study to inform a randomized controlled trial](#)

Beidas RS, Becker-Haimes EM, Adams DR, et al. Feasibility and Acceptability of Two Incentive-Based Implementation Strategies for Mental Health Therapists Implementing Cognitive-Behavioral Therapy: A Pilot Study to Inform a Randomized Controlled Trial. *Implementation Science*. 2017;12(1).

- In this study, researchers compared two different implementation strategies (social and financial incentives) to change provider implementation of cognitive behavioral therapy. This study demonstrates how researchers can structure a study to compare two different implementation strategies.

[Using a multi-state Learning Community as an implementation strategy for immediate postpartum long-acting reversible contraception](#)

Desisto CL, Estrich C, Kroelinger CD, et al. Using a multi-state Learning Community as an Implementation Strategy for Immediate Postpartum Long-Acting Reversible Contraception. *Implementation Science*. 2017;12(1).

- Researchers studied the facilitators and barriers of utilizing the implementation strategy of a Learning Community to increase state's capacity to increase access long-acting reversible contraception care. Findings showed that Learning Communities are a potentially impactful implementation strategy, as they created structure and accountability and incorporate other implementation strategies. This study demonstrates the specific study of an implementation strategy rather than an intervention.