Methods for Reporting and Aligning Implementation Strategies with Implementation Outcomes

Brittany N. Rudd, PhD

Using the Pragmatic Implementation Reporting Tool

When to Use:

When using implementation strategies in your work. This includes clinical research where implementation strategies are used to support the use of the intervention but the goal is to evaluate the efficacy or effectiveness of the intervention and implementation research where implementation strategies are under evaluation.

How to Use:

Can be used to support grant writing or reporting. For more details, see: Rudd, B.N., Davis, M. & Beidas, R.S. Integrating implementation science in clinical research to maximize public health impact: a call for the reporting and alignment of implementation strategy use with implementation outcomes in clinical research. *Implementation Sci* **15,** 103 (2020). https://doi.org/10.1186/s13012-020-01060-5

Why to Use:

1. To support theory development
2. To improve replication
3. Facilitate research to practice implementation
4. Design with implementation and sustainment in mind
5. Accelerate translational science

What to include:

Aligns with Proctor et al. (2013) and Presseau et al. (2019): **Actor** - the individual(s) who perform(s)/enact(s) the Action(s)

Per Proctor et al. (2013): **Dose** - dosage of implementation strategy, when relevant

Aligns with Proctor et al. (2013) "Temporality" and Presseau et al. (2019) "Time": **Temporality** - when the strategy is used and aligns with implementation process frameworks (e.g., Nilsen et al., 2015)

Per Proctor et al. (2011): **Justification** - the empirical, theoretical, or pragmatic justification for the choice of implementation strategies

Operationalize It								
Action	Actor	Context	Dose	**Action Target**		Temporality	Implementation Outcome	Justification
				Conceptual	Unit of Analysis			
Aligns with Proctor et al. (2013) and Presseau et al. (2019): **Action** - use verb statements to specify the discrete observable behaviors enacted that encompass the		Per Presseau et al. (2019): **Context** - the physical location, emotional context, or social setting in which an action is performed		Aligns with Proctor et al. (2013) and Presseau et al. (2019): **Action Target** - specify targets according to **Conceptual** models of implementation (e.g., Nilsen et al., 2015 for review) and identify the **Unit of Analysis** for measuring implementation outcomes. The unit of analysis is also "target" in Presseau et al. (2019). The Action Target should mechanistically align with the Implementation Outcome. As an example, and using Damschroder et al.'s (2009) framework (see useful website), at the individual unit of analysis, the conceptual target may be attitudes or knowledge. At the inner-context unit of analysis, the conceptual target may be culture or leadership engagement, and at the outer context unit of analysis, the conceptual target may be changing policies and financing.			Per Proctor et al. (2013): **Implementation Outcome** - where one identifies the implementation outcomes likely to be affected by each strategy. Consider aligning with an evaluation framework (see Nilsen et al., 2015 for review), and linking to the CONSORT Outcomes section. Note that Presseau et al.'s (2019) framework can be used to detail implementation outcomes affected by each strategy, when relevant.

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