

CTBH D&I Workshop | May 16, 2024

The Stages of Implementation Completion® (SIC): Unpacking an Assessment Tool to Measure the Progression of an Evidence-based Program through Implementation Stages.

Presenters: Lisa Saldana, PhD, Sarah Moore, PhD, Bethany McLeman, BA, Phoebe Gauthier, MA

SUMMARY

- **Morning Session:** Dr. Lisa Saldana, Overview of the SIC
 - History and development of the SIC Model: “no-nonsense” model used to assess gaps and successes in implementation strategies before and during implementation
 - Basic principles of the SIC
 - The SIC is comprised of 46 steps split across eight stages. Each step is a date-driven activity that allows for temporal sequencing and analysis.
 - The first phase is pre-implementation consisting of three stages: Engagement, Consideration of Feasibility, and Readiness Planning.
 - Each step within each stage should be completed as quickly as possible and in order before implementation (see timecode 36:36)
 - Pre-implementation success (especially readiness planning) has been shown to predict implementation success.
 - The SIC repository: growing collection of data from research studies using the universal SIC.
 - Repository data includes information on all steps and stages and untouched qualitative data.
 - Repository data suggests that good pre-implementation metrics can buoy mediocre to poor performance at later implementation stages (see timecode 47:43)
 - Customizability of the SIC for specific research questions.
 - All steps of the SIC are modifiable to meet unique research needs. Research teams may contact Dr. Saldana for guidance on customizing the SIC.
- **Afternoon Session:** Dr. Sarah Moore, MS. McLeman, and Ms. Gauthier from the CTN-0116 research team, describe the SIC customization process for implementation of a pharmacy-based opioid treatment intervention (PrIMO)
 - Primary outcome measure for implementation success: the tailored SIC (CTN-0116 SIC)
 - Collaborated with Dr. Saldana to modify the SIC to better fit the specific implementation within the study.

- While the universal SIC is good, tailoring the SIC allows for more insightful data
 - The team described the successful modifications to the SIC noting they were worthwhile and produced insightful and exciting data.
- Summary of SIC modifications in CTN-0116
 - Stage 1: Engagement
 - All four items within the stage were modified and a fifth item assessing the date that the site staff were exposed to the PrIMO model was added
 - Stage 2: Consideration of Feasibility
 - All items were tailored and two were added
 - Assessment of how well sites were engaged with the process outlined by the PrIMO model.
 - Pushing an aspect of the PrIMO model the team felt was critical, the provider champion.
 - Stage 3: Readiness Planning
 - The team used 16 tailored items, one was removed (deemed irrelevant to the study) and seven were added to specifically assess aspects of the PrIMO intervention.
 - Stage 4: Staff hiring and introductory training
 - Initial consistency issues with data entry likely due to lack of clarity surrounding the definition of each item and workflow struggles.
 - Nine items related to the specifics of the PrIMO model were added and all items related to an expert consultant were removed
 - Stage 5: Fidelity monitoring processes
 - Two items were added for specificity
 - One irrelevant item was removed.
 - Stage 6: Services and Consultation Begin
 - Items were modified to focus on the PrIMO model
 - Stage 7: Model fidelity and staff competence and adherence
 - Two items were added and seven were removed (irrelevant).
 - Stage 8: Competency
 - Items were focused on the PrIMO model
 - There was one addition and two items were removed.

NOTE: If you are interested in collaborating on an analysis project using the universal SIC repository, contact Dr. Saldana at lisas@oslc.org.