Multi and mixed methods approaches for documenting and analyzing adaptations in real-world studies

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Learning Objectives
1. Provide an understanding of key concepts of adaptations as they relate to the documentation and analysis of adaptations
2. Review and compare key strategies for documenting adaptations pre-implementation, during implementation, and during sustainment
3. Identify approaches to analyze adaptations and their impact pre-implementation, during implementation, and after implementation

<u>Timing of Adaptation - Point in the Study</u>

<u>Focus of Adaptation</u>	Planning Pre-implementation	During Implementation	Following Sustainment
Intervention			
Implementation Strategy			
Context			

Data Collection Methods to Assess Adaptations

<u>Qualitative</u>
- Observational techniques/observation
- Interviews and/or focus groups
- Field notes from coaching/facilitation, process maps

<u>Quantitative</u>
- Questionnaires/surveys
- Checklists (fidelity assessments)
- Other data sources such as study or clinical databases (electronic medical records, program logs)

Data Analysis Methods to Assess Adaptations
- Traditional qualitative analysis (grounded theory, thematic, content analysis, etc.)
- Basic descriptive statistics (frequencies, cross tabs/co-occurrence)
- Cluster analysis (statistics)
- Mixed methods: Joint display analysis, configurational comparative methods (QCA, CNA)

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