

### Goals of study:

1. Identify previously unidentified barriers not addressed by implementation strategies
2. Pilot the strategies and assess reach, feasibility, and acceptability

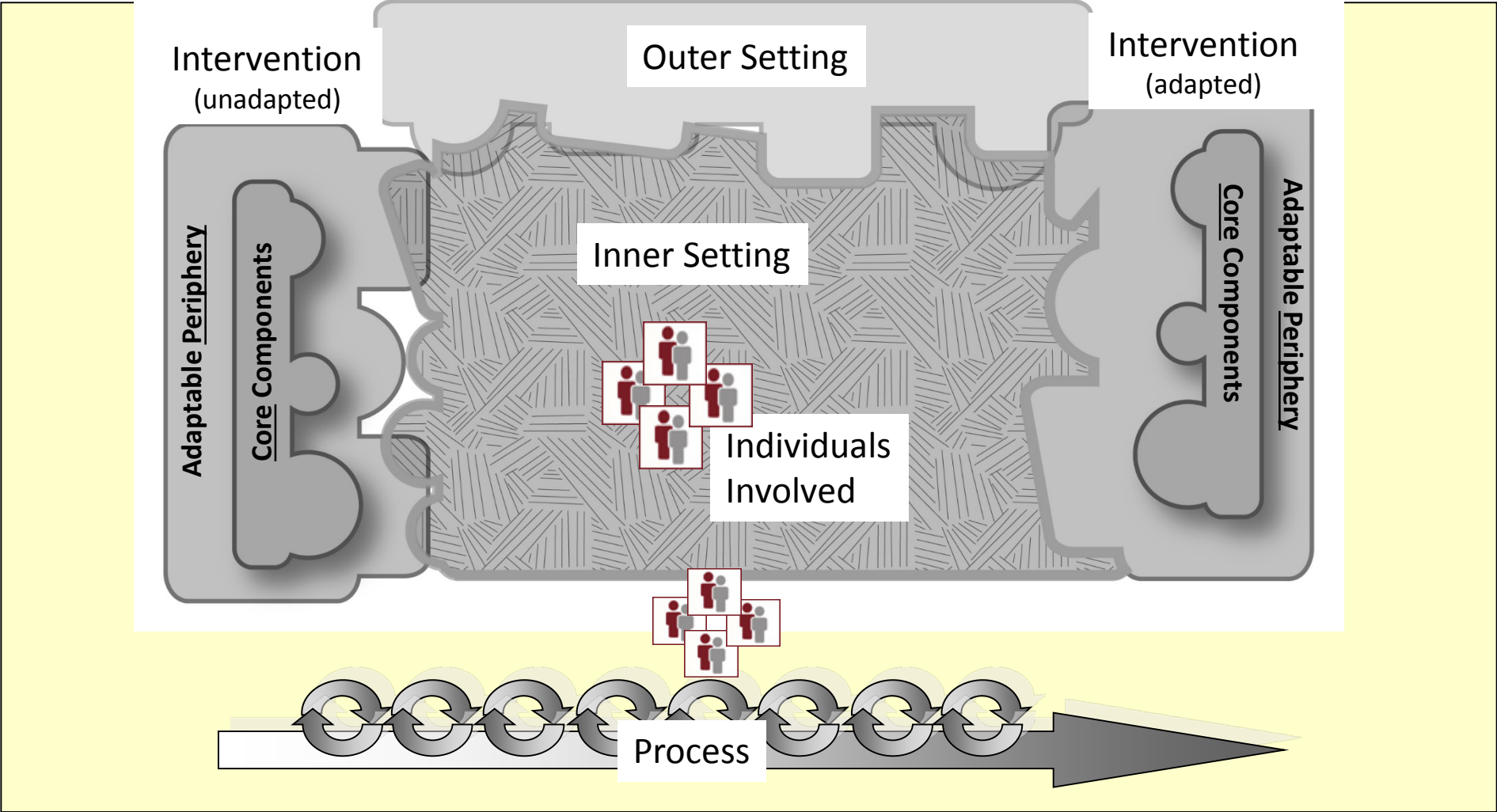
# Barrier Assessment

| Table 3. Overview of Data Collection Procedures and Measures   |  |   |
|--|--|---|
| Aim  | Data Collection Procedure                | Measure   |
| <i>Pre &amp; Early Implementation</i>  |  |   |
| Aim 2  | Clinic stakeholder survey                | <b>Contextual factors</b> including patient mix, surgeon characteristics, clinic staffing, clinic leadership, attitudes towards shared decision     |
| Aim 1  | Clinic self-assessment worksheet*        | <b>Perceived barriers</b> to clinic implementation, and proposed  |
| Aim 1  | Audit-feedback loops                     | <b>Actual barriers</b> encountered early in clinic implementation, and proposed solutions   |
| <i>Implementation</i>  |  |   |
| Aim 1  | Log of reasons patients decline          | Patient <b>barriers</b> to receipt of web-based decision aid  |
| Aim 1  | Patient interviews (decline decision)    | Patient <b>barriers</b> to receipt of web-based decision aid  |
| Aim 2  | Patient survey                           | <b>Feasibility</b> of using a web-based decision aid and <b>acceptability</b> of the method of delivery and information received                    |
| Aim 2  | Reach of implementation process          | <b>Proportion of patients reached</b> by the implementation process   |
| <i>Post-Implementation</i>   |  |   |
| Aim 1/2  | Clinic stakeholder focus groups          | <b>Actual barriers and facilitators</b> to implementation, <b>acceptability</b> of the implementation process, and opportunities to improve         |
| Aim 1/2  | Surgeon/clinic leadership interviews     | <b>Actual barriers and facilitators</b> to implementation, <b>acceptability</b> of the implementation process, and opportunities to improve         |
| Aim 2  | Patient interviews (accept decision aid) | <b>Feasibility</b> of using a web-based decision aid, <b>acceptability</b> of the method of delivery and information received, and opportunities to |
| *Stakeholder meetings for self-assessment worksheet will be observed by the research team, field notes taken during all clinic |  |   |

Development  
guided by CFIR

1. Directed content analysis to identify barriers
  - Guided by CFIR constructs
  - Additional open coding

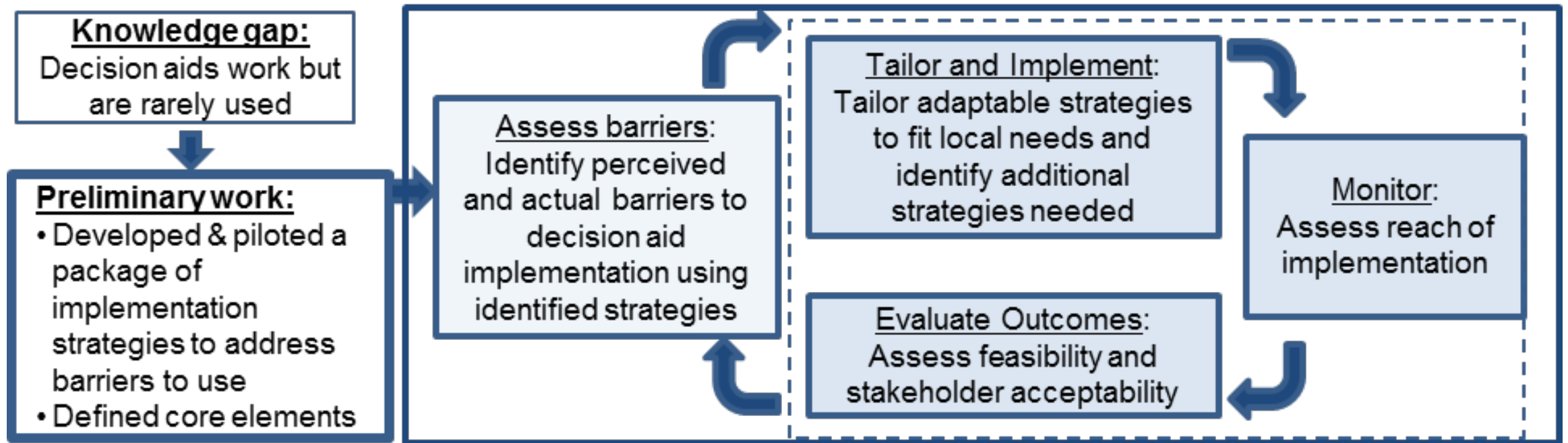
# Barrier Assessment- CFIR



# Barrier Assessment

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1. Directed content analysis to identify barriers
  - Guided by CFIR constructs
  - Additional open coding
2. Inductive content analysis to identify mechanisms by which sites addressed, or were unable to address, barriers



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# Operationalization of RE-AIM

|   |  |
|---|--|
|   |  |
| Reach<br>(proportion that participated)   |  |
| Effectiveness<br>(impact on outcomes)   |  |
| Adoption<br>(proportion that will adopt)  |  |
| Implementation<br>(extent to which the<br>intervention is implemented as<br>intended in the real world) |  |
| Maintenance   |  |