

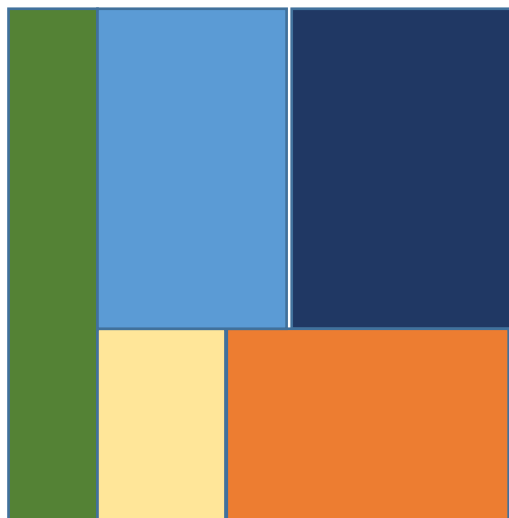
# An Implementer's Perspective

For the Panel on Research Implications of Community-Based  
Interventions and Policies

National Academies of Science, Engineering, and Medicine  
**Workshop on Aging in Place with Dementia**  
September 15, 2023

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The perspective and opinions in this presentation are those of the presenter and do not represent policy or position of the Indian Health Service or the CMS Innovation Center



Intervention / Model

Implementation with fidelity\*



Challenges

**Resources**

human and capital

**Context**

cultural  
historical  
organizational  
political  
population  
geographic  
etc.



**Desired Impact**

and/or

**Outcome**

**Trials**

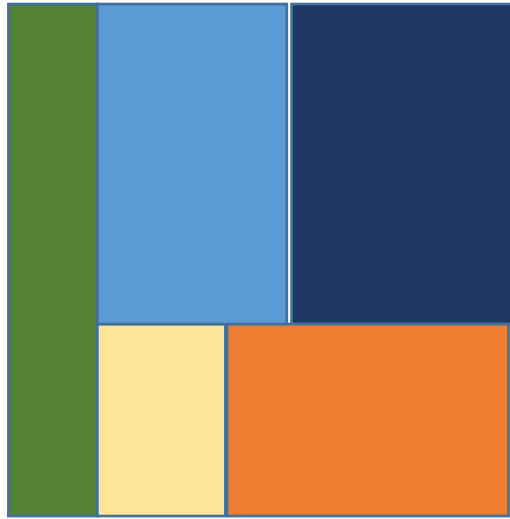
Explanatory  
Pragmatic

**Context**

**Impact**

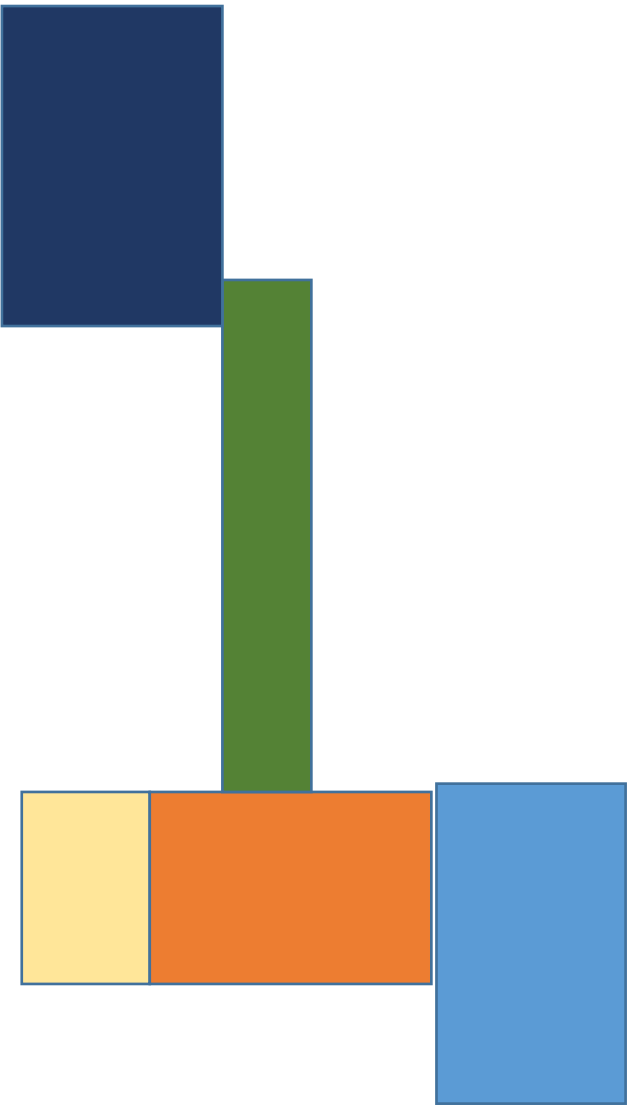
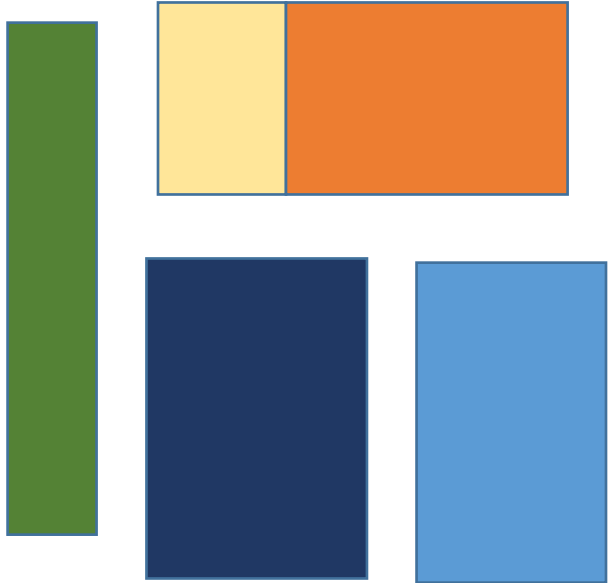
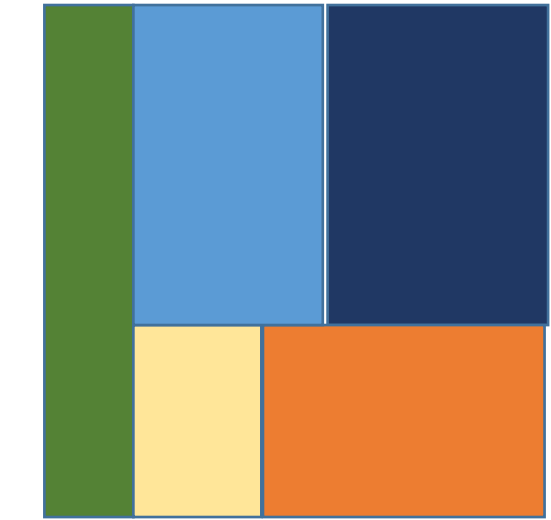
and/or

**Outcome**



Understand complex or multifactorial interventions as individually validated, evidenced-based practices.

Enabling incremental  
implementation with  
adaptation to the local context.



# Fidelity

Fidelity is the extent to which an intervention is implemented as intended [1], and it provides important information regarding why an intervention may or may not have achieved its intended outcome.

Ginsburg LR, Hoben M, Easterbrook A, Anderson RA, Estabrooks CA, Norton PG. Fidelity is not easy! Challenges and guidelines for assessing fidelity in complex interventions. *Trials*. 2021 May 29;22(1):372. doi: 10.1186/s13063-021-05322-5. PMID: 34051830; PMCID: PMC8164256.

**The question on the ground...**

How do I do this here in a way that will work with confidence that it is doing what it is supposed to do?

At the level of implementation...

Will it work if I make these changes?

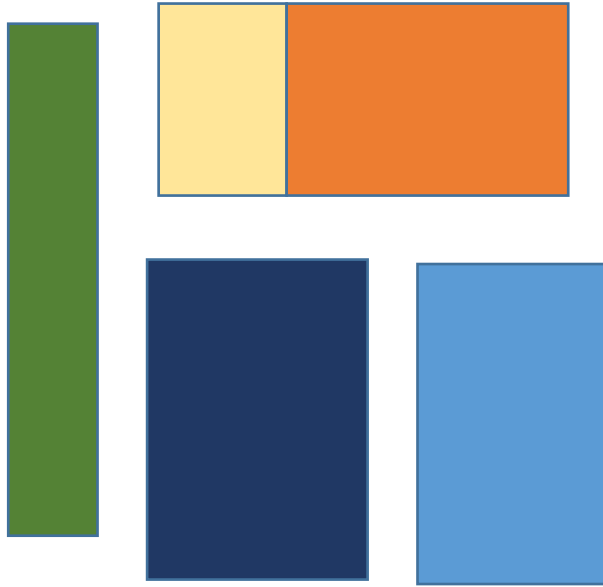
Yes

No

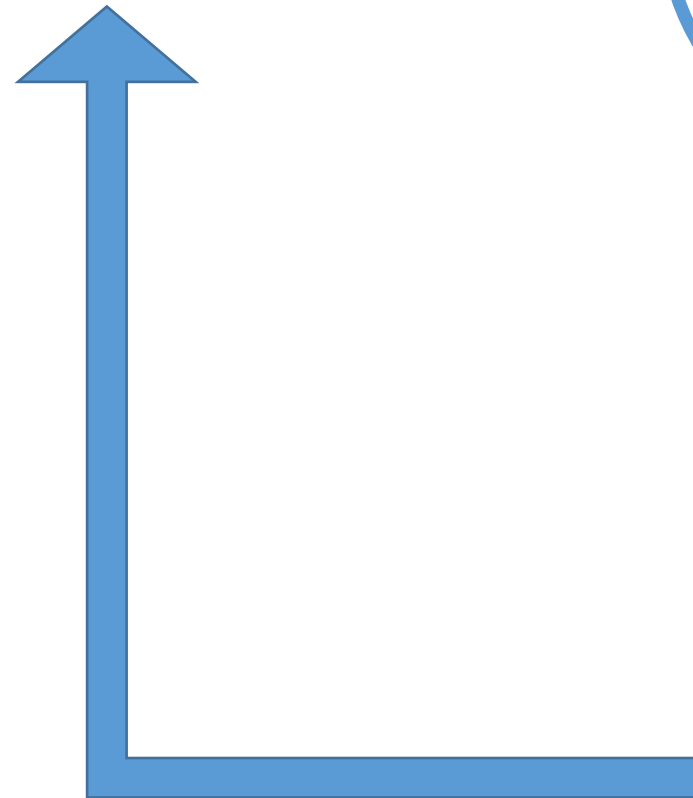
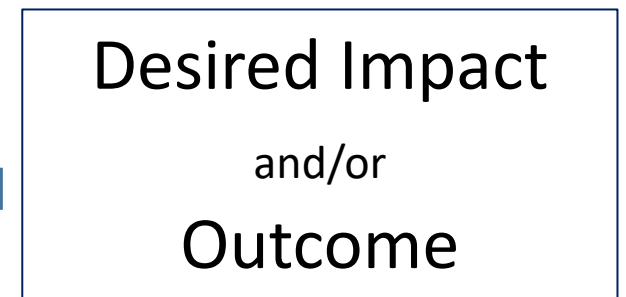
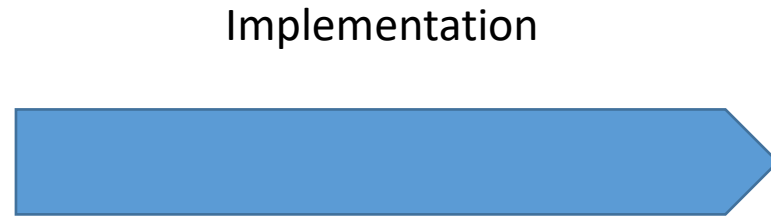
We really  
don't know

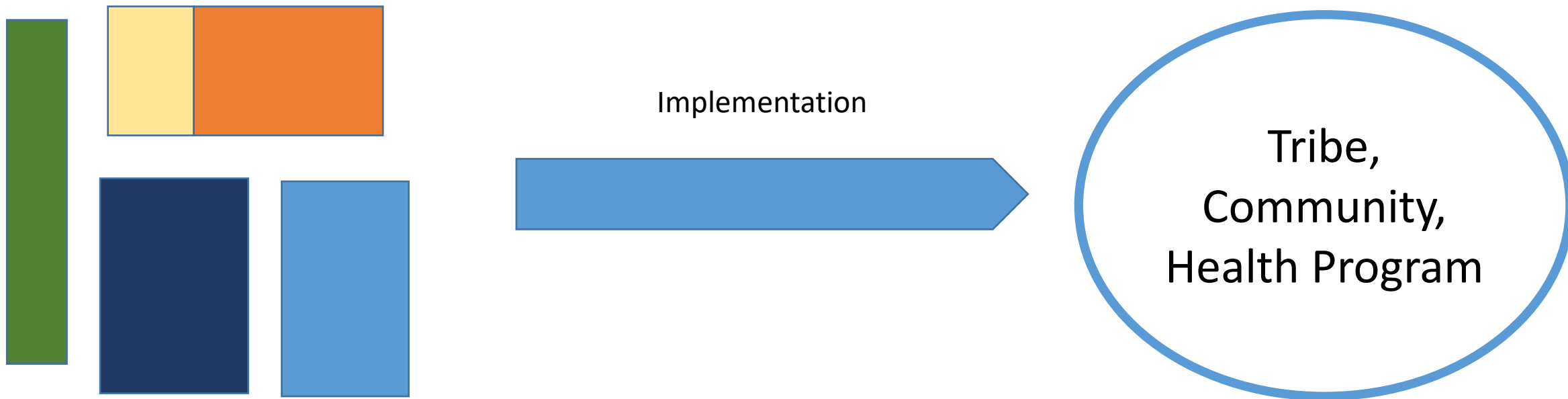
How much confidence can we have in our adaptation?





Measures based in the data used to manage the intervention should enable effective adaptation and iteration.





Through partnerships with Tribal and Urban Indian Communities, research into effective implementation of models **that occurs through implementation of interventions in those communities** can provide a roadmap toward translation of research findings into care.

Desired Impact  
and/or  
Outcome



# In the field we need research that....

1. Produces interventions designed for flexible and adaptable implementation.
  - Built incrementally from individually validated, evidenced-based practices.
2. Clarifies which adaptations are supported by data, which adaptations are not supported by data, and where we simply don't know.
3. Produces measures that can be used to manage effective implementation with adaptation.
  - Measures of outcomes and potential unintended consequences.
  - Measures of processes and structures where the evidence for the processes is strong.

Research in partnership with Tribes and Urban Indian communities can generate this new knowledge **through** implementation.