

Improving Chronic Disease Management with Pieces (ICD-Pieces)

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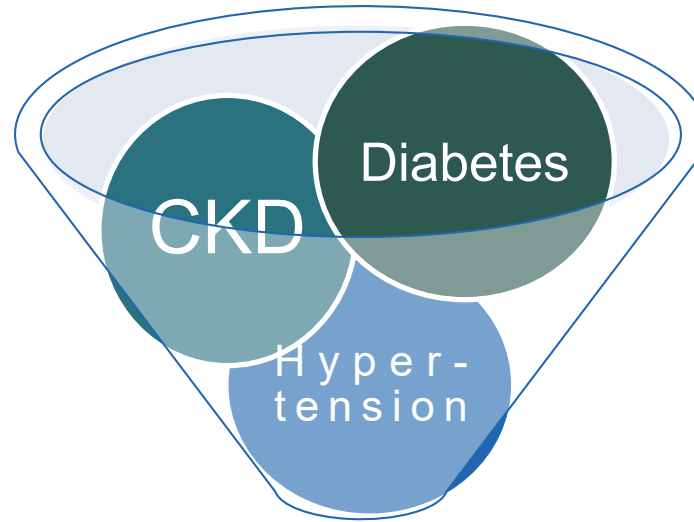


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Multiple chronic conditions

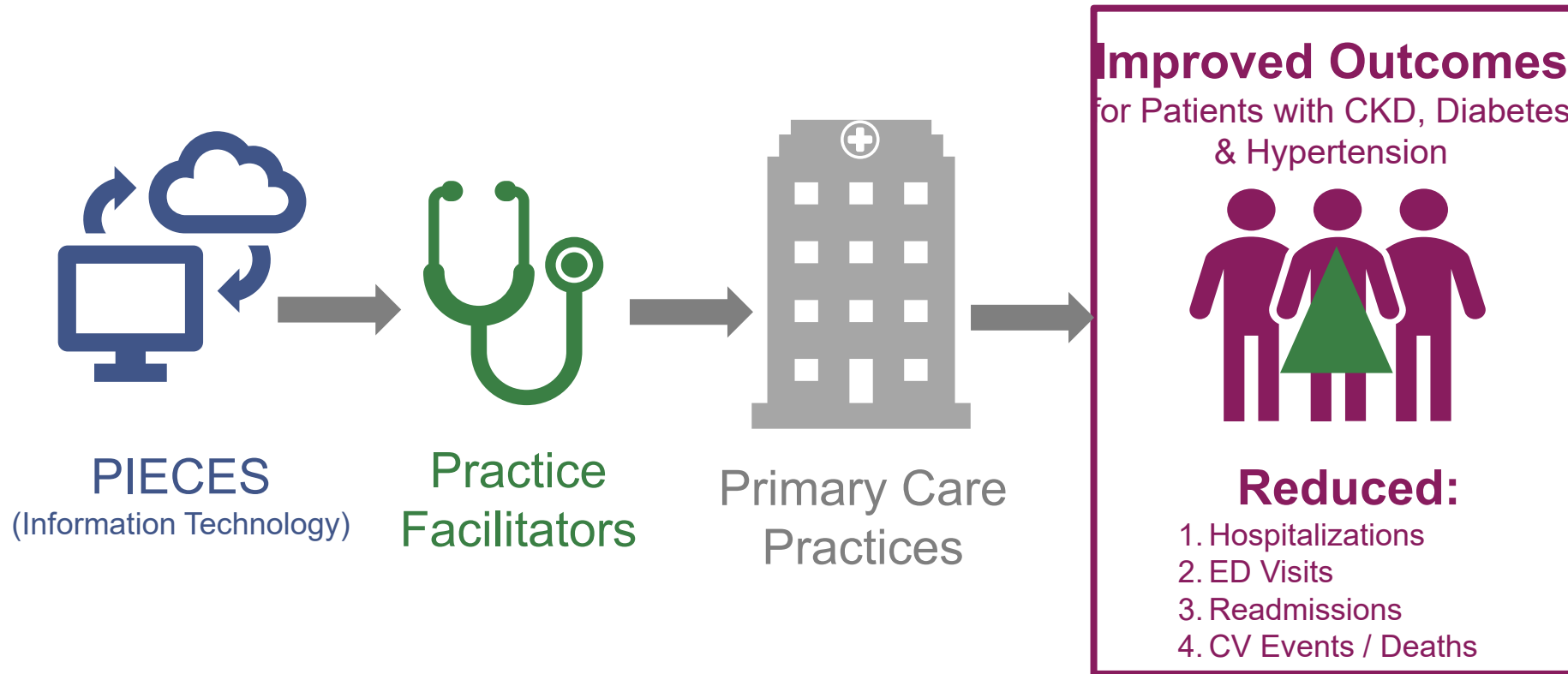
->Common
->Serious Complications



->Under-recognized
->Treatable

Opportunity to
Advance Care

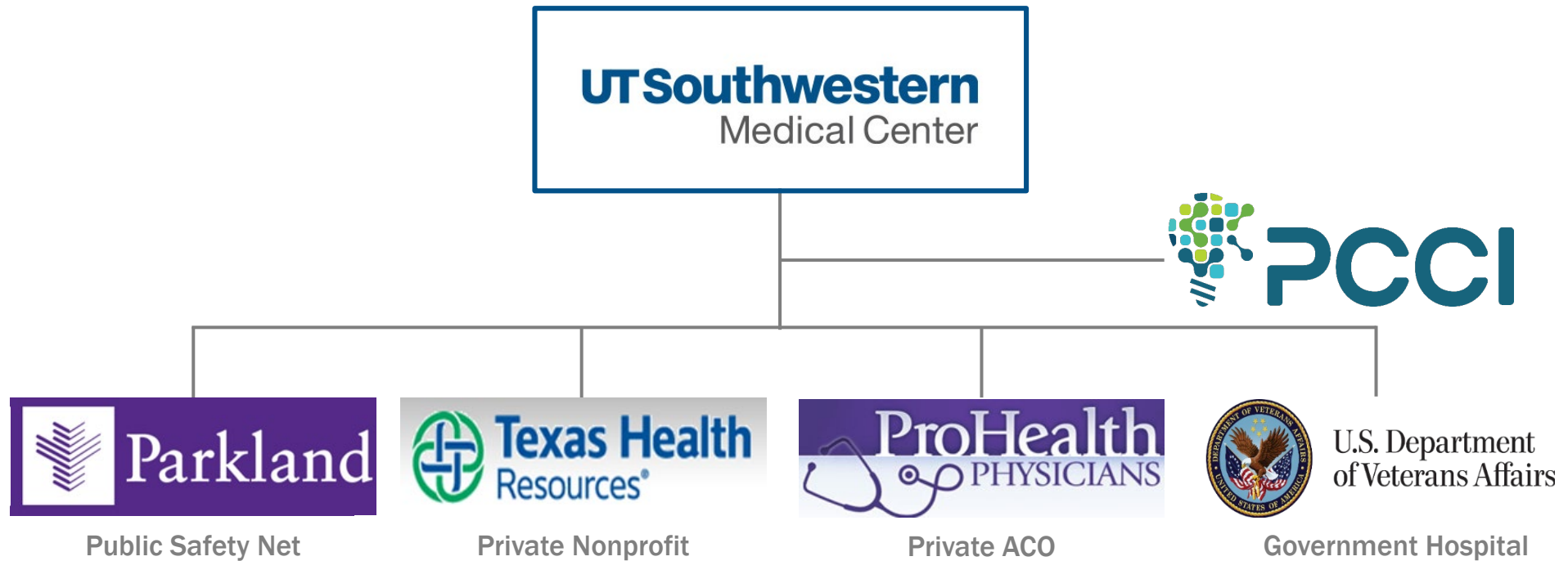
Hypothesis



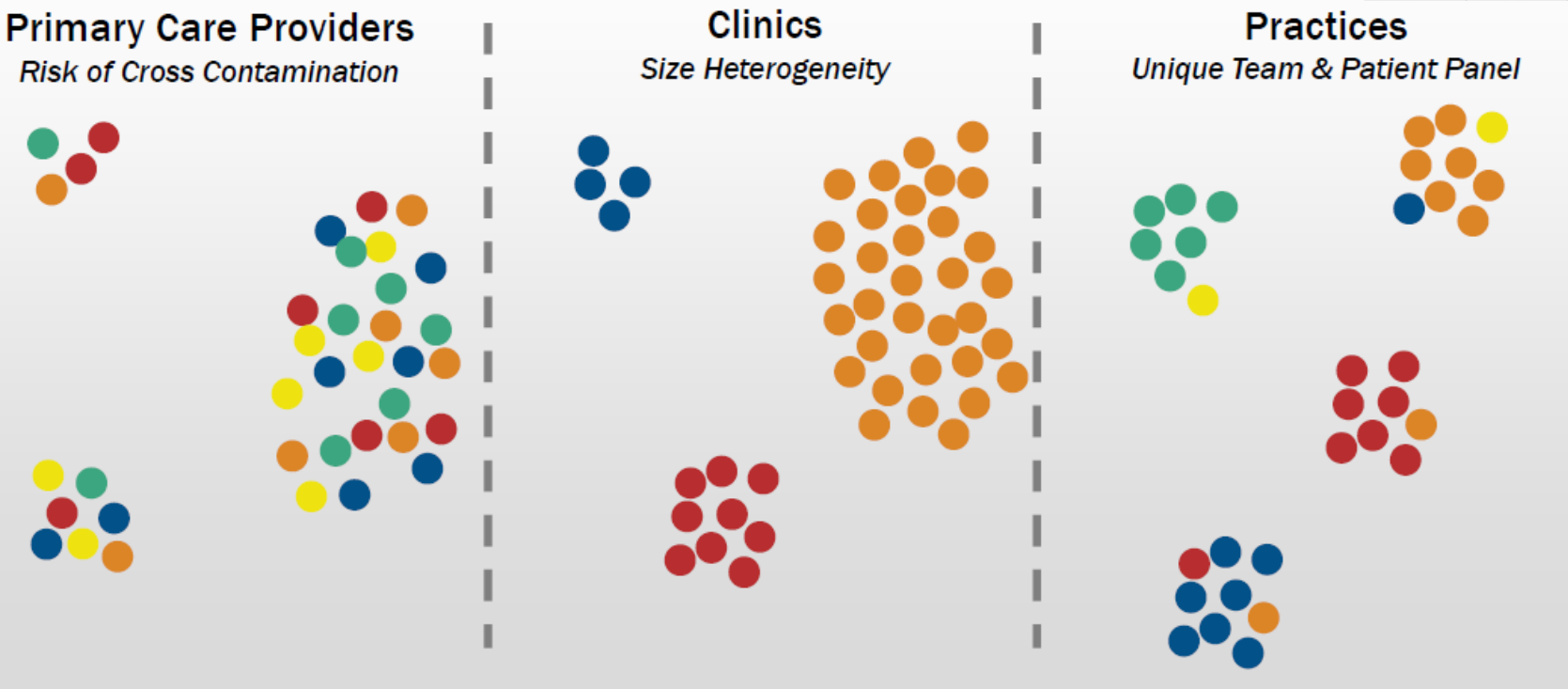
Study Design

Population	Adult primary care patients with CKD, diabetes, and hypertension in 4 major health systems (Parkland, Texas Health Resources, VA North Central Texas and ProHealth CT)
Design	Open-label, pragmatic trial randomized by primary care practice (cluster)
Intervention	During primary care clinic visit
ICD-Pieces	Practice facilitator implemented evidence-based care for secondary prevention of HTN, DM, CKD, and CV complications
Control	Standard of Care
Waiver of informed consent	(opt-out)
Outcome	one-year documented hospitalization (claims / EHR)

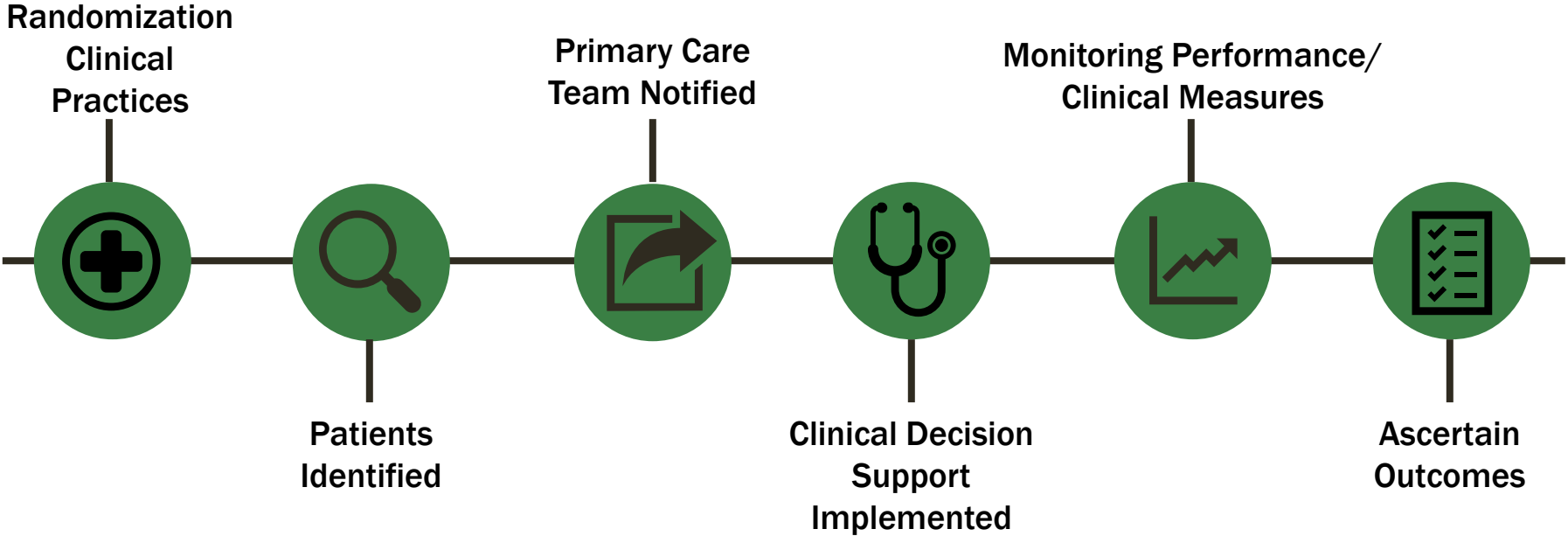
Participating healthcare systems



Study design: cluster randomization



Study conduct



Potential barriers

- Personnel turnover at multiple sites and levels
- Measuring study fidelity
- Data sharing and transmission

Lessons learned



Early Planning



- Align Goals
- Plan together
- Develop trust
- Staffing

Delivery



- Minimize disruption
- Provide tools
- Adapt
- Create value

Completion



- Dissemination / Implementation
- Sustainability
- Future Projects





Resource: The Living Textbook


Visit the *Living Textbook of Pragmatic Clinical Trials* at

www.rethinkingclinicaltrials.org


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Rethinking Clinical Trials: A Living Textbook of Pragmatic Clinical Trials

 WATCH THE VIDEO

Welcome to the Living Textbook of pragmatic clinical trials, a collection of knowledge from the NIH Pragmatic Trials Collaboratory. Pragmatic clinical trials present an opportunity to efficiently generate high-quality evidence to inform medical decision-making. However, these trials pose different challenges than traditional clinical trials. The Living Textbook reflects a collection of special considerations and best practices in the design, conduct, and reporting of pragmatic clinical trials.

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