

ICD-Pieces: Improving Chronic Disease Management With Pieces

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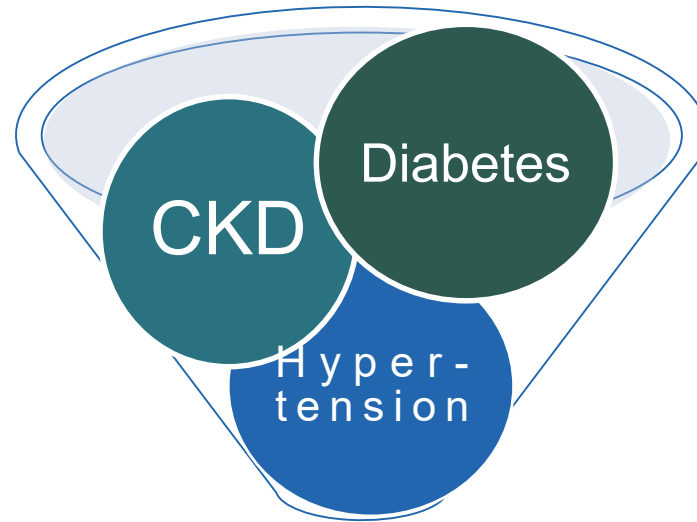


**NIH PRAGMATIC TRIALS
COLLABORATORY**

Rethinking Clinical Trials®

Multiple chronic conditions

->Common
->Serious Complications

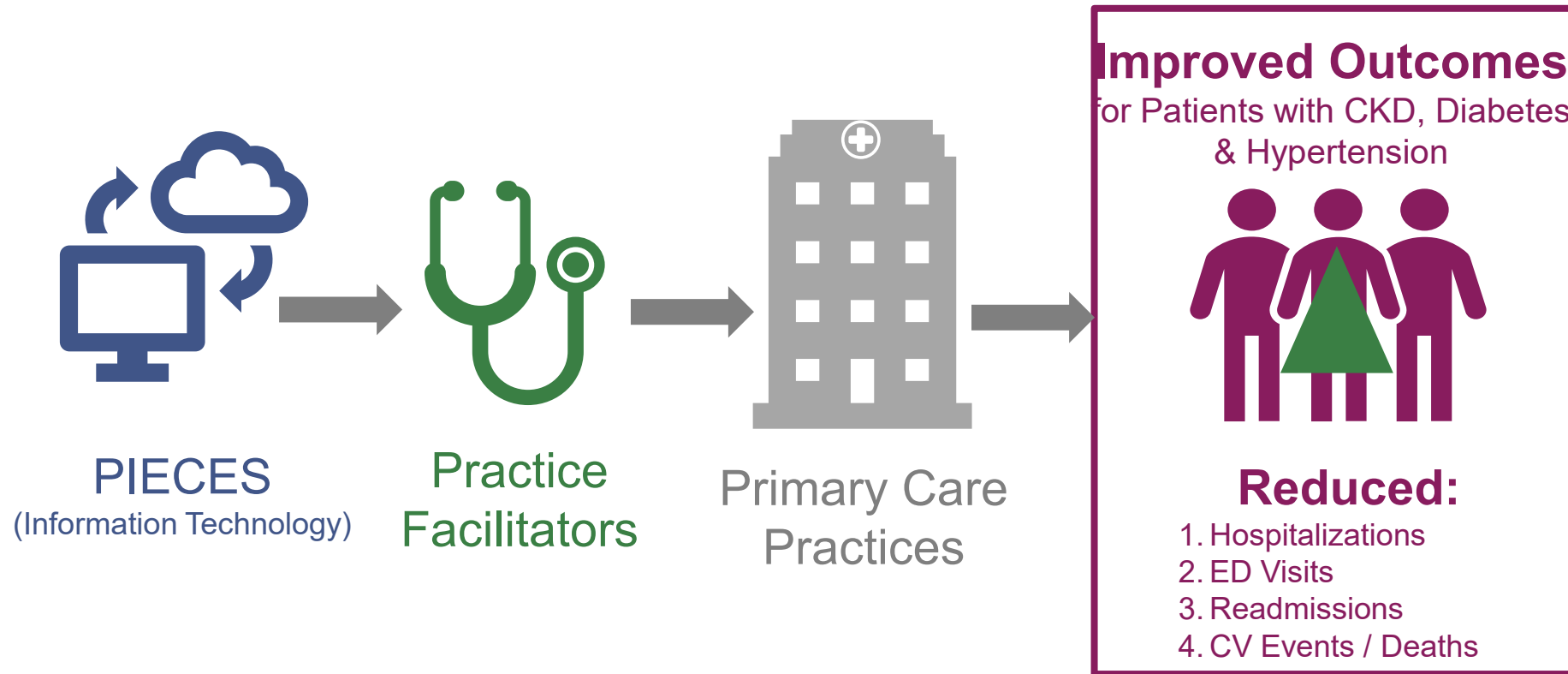


->Under-recognized
->Treatable



Opportunity to
Advance Care

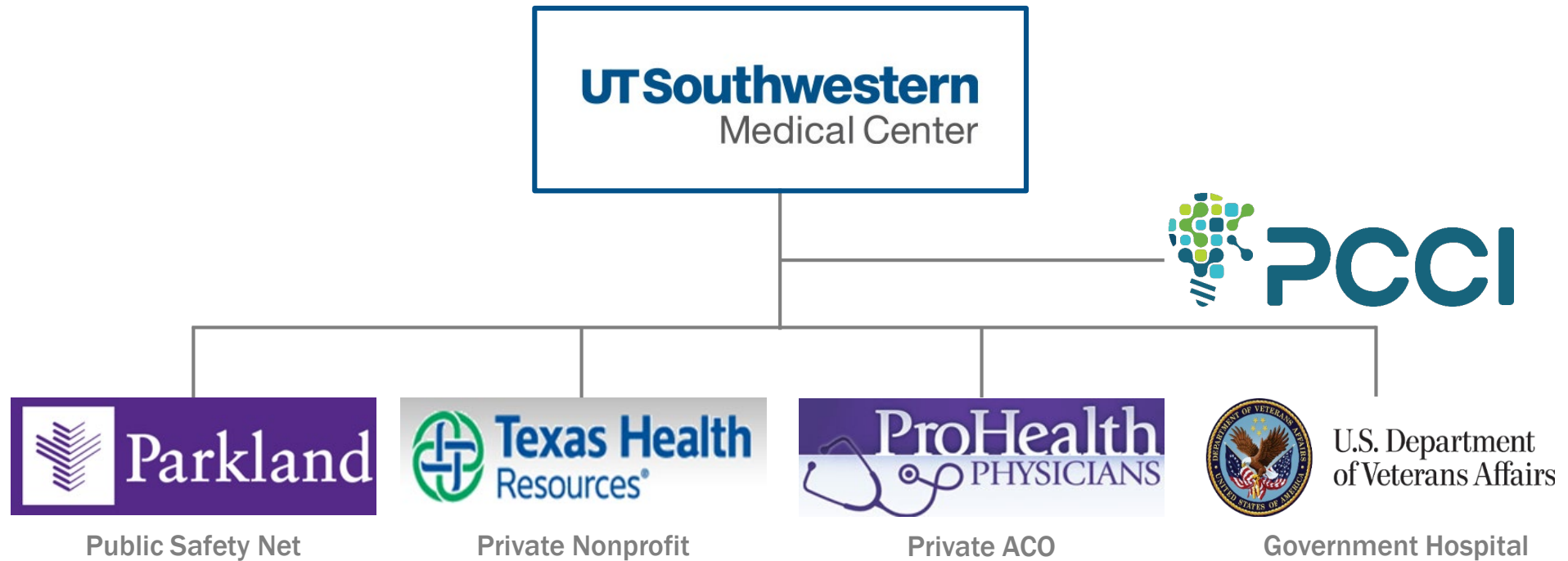
Hypothesis



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)

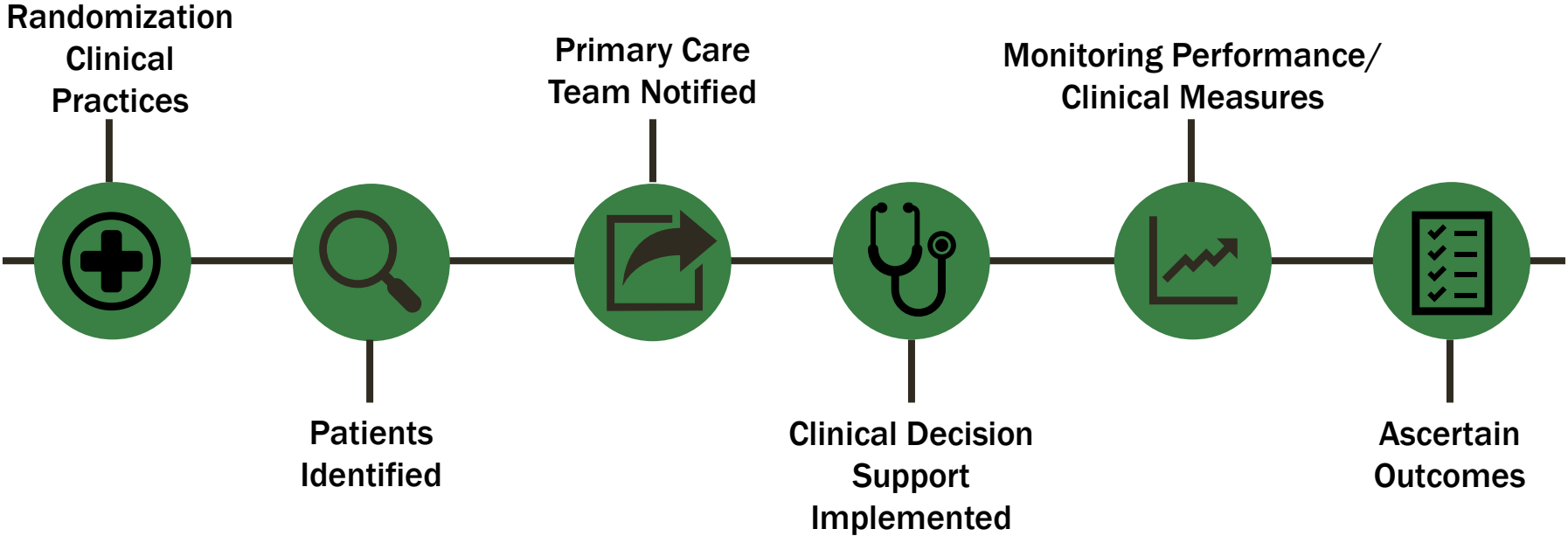
Participating healthcare systems



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