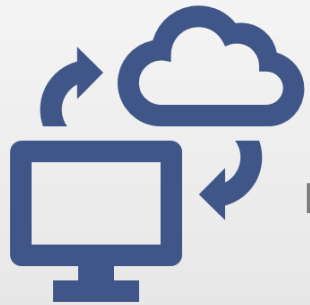


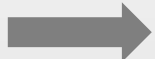
# ICD-Pieces: Top Barriers/ Challenges and Recent Generalizable Lessons

Miguel A. Vazquez, MD and George Oliver, MD, PhD for ICD-  
Pieces Study Team

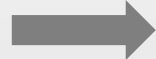
# Hypothesis



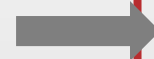
**PIECES**  
(Information Technology)



**Practice  
Facilitators**



**Primary Care  
Practices**



**Improved Outcomes  
for Patients with CKD,  
Diabetes, and HTN**



**Reduced:**

1. Hospitalizations
2. ED Visits
3. Readmissions
4. CV Events / Deaths

# Barriers Scorecard

Barrier	Level of Difficulty				
	1	2	3	4	5
Enrollment and engagement of patients/subjects			X		
Engagement of clinicians and Health Systems			X		
Data collection and merging datasets				X	
Regulatory issues (IRBs and consent)	X				
Stability of control intervention	X				
Implementing/Delivering Intervention Across Healthcare Organizations			X		

# ICD-Pieces Top (Recent) Barriers

- 1. **Personnel turnover**
- 2. **Measuring fidelity study intervention**
- 3. **Data sharing and transmission**

# Personnel turnover: Multiple sites and many levels



**UT Southwestern**  
Medical Center



Public Safety Net



Private Nonprofit



Private ACO



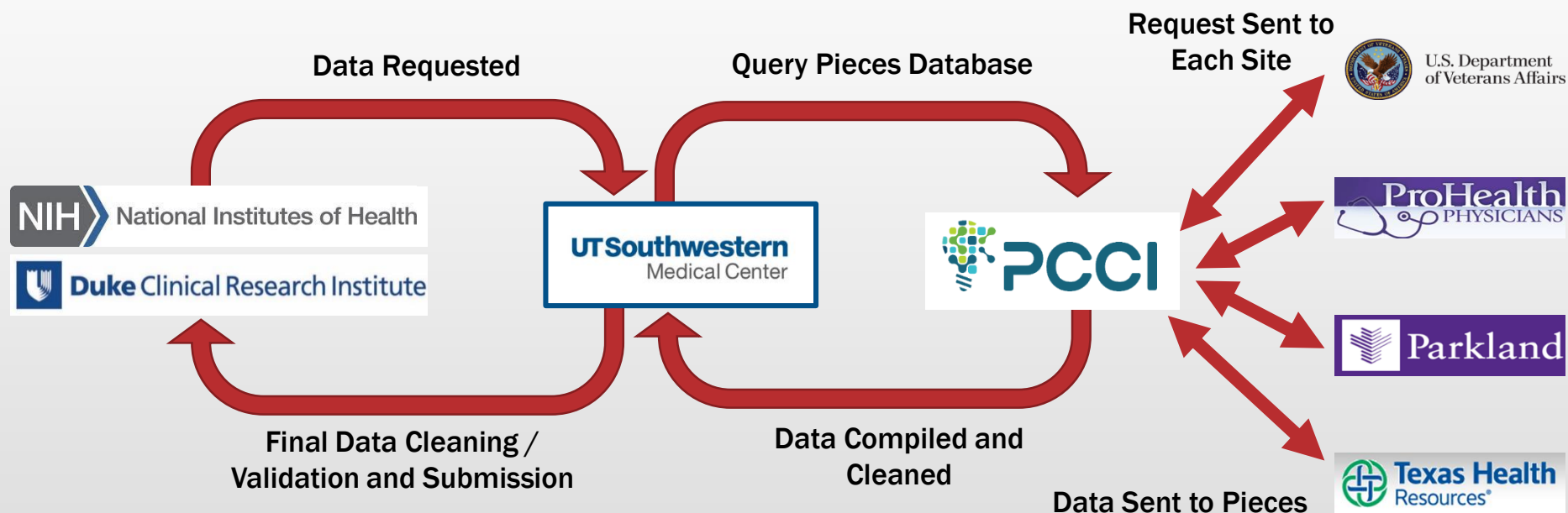
U.S. Department  
of Veterans Affairs

Government Hospital





# Data Transmission—Data Resides in Health Systems



# Recent Generalizable Lesson(s)

- 1. Implementation ePCT  
Health System interactions—new team members  
Contingency plans- Reserve clusters/ manual reviews
- 2. Keep focus on measuring outcomes  
Cross check sources for adjudication
  - Health System databases
  - Claims data
  - Regional and national registries