



Beyond Clinical Data - Bridging Gaps through Digital Transformation

Ongoing Efforts at the Howard University Telepharmacy and Population Health Training (HUTEPH) Center

USVI Digital Health Summit 2023

June 14-16 2023 St. Thomas, USVI

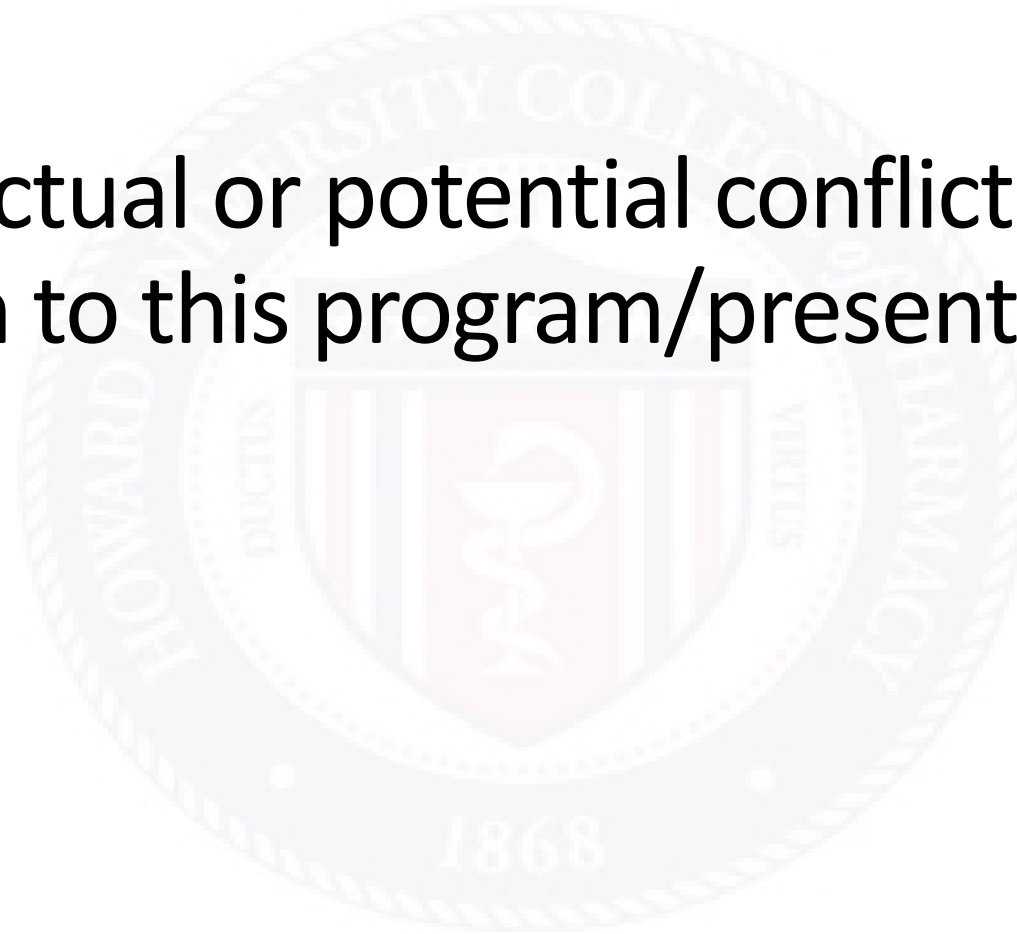


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Disclosures

I have no actual or potential conflict of interest in relation to this program/presentation





HUTEPH Center's Priority Areas

1



Telepharmacy Services

- Leverage our *SeeUrPharmacist* Platform
- Focus on serving needs of underserved patients
- Population health focused to advance pharmacoequity for our patients

2



Strategic Regional Partnerships in Digital Health

- We champion use of our state designated Health Information Exchange in DC (CRISP-DC)
- Collaborate with other partners focused on digital health in the District of Columbia

3



Training & Research in Digital Health

- Offer workforce training in key digital health areas
- Conduct pilot projects in digital health transformation to show the value of our telepharmaceutical care services



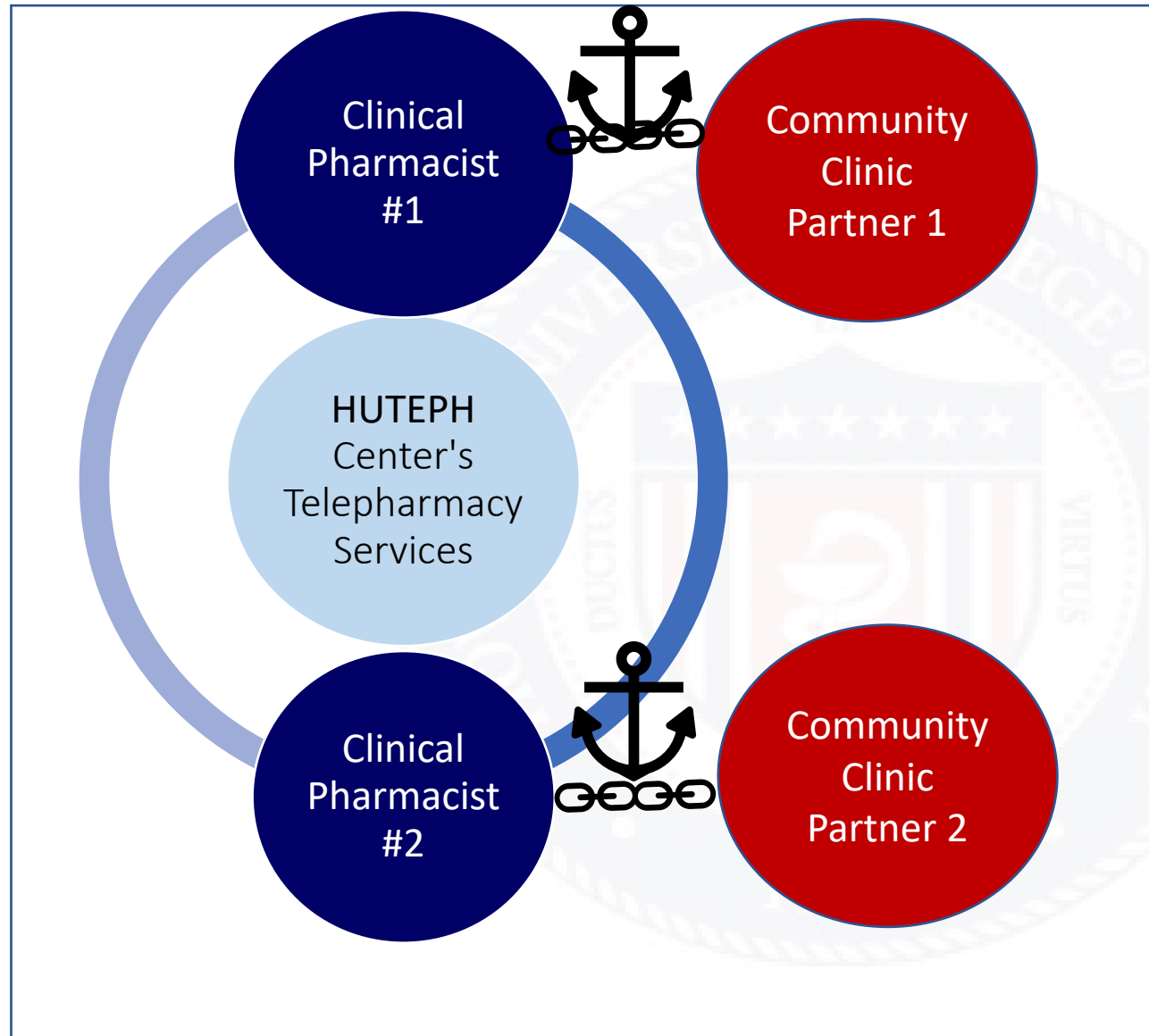
About the population we serve in DC

Variable	Ward 2	Ward 6	Ward 7	Ward 8
Population	92,809	103,197	80,669	80,517
Race				
White	69.2%	49.5%	3.1%	4.3%
Black	13.3%	38.8%	91.7%	91.8%
Clinical outcomes				
Obesity (% adult population)	12.5%	19.1%	39.9%	41.9%
Type 2 diabetes (% adult population)	3.6%	9.1%	13.4%	19.7%
Social determinants of health				
Families below the poverty line	5.9%	7.90%	23.3%	26.6%
Education (adults, less than high school graduation)	4.3%	6.60%	13.3%	13.3%
Supermarkets/grocery stores per 100,000 population	12	14	2	1
Pharmacies per 100,000 population	39	24	9	15
Health insurance (adults)				
Public insurance	13%	15%	34%	45%
Usual source of healthcare				
Hospital outpatient/emergency department	7%	8%	12%	13%
Community health center/public clinic	4%	5%	19%	20%

Table 1: Washington, D.C., wards 2, 6, 7 and 8 by total population, race, clinical outcomes, social determinants of health, healthcare access, and digital access.



Framework of the Center's "Anchored Telepharmacy Model"



Benefits of the anchored- Telepharmacy model



In this model the Center's pharmacist is anchored at the clinic-sites



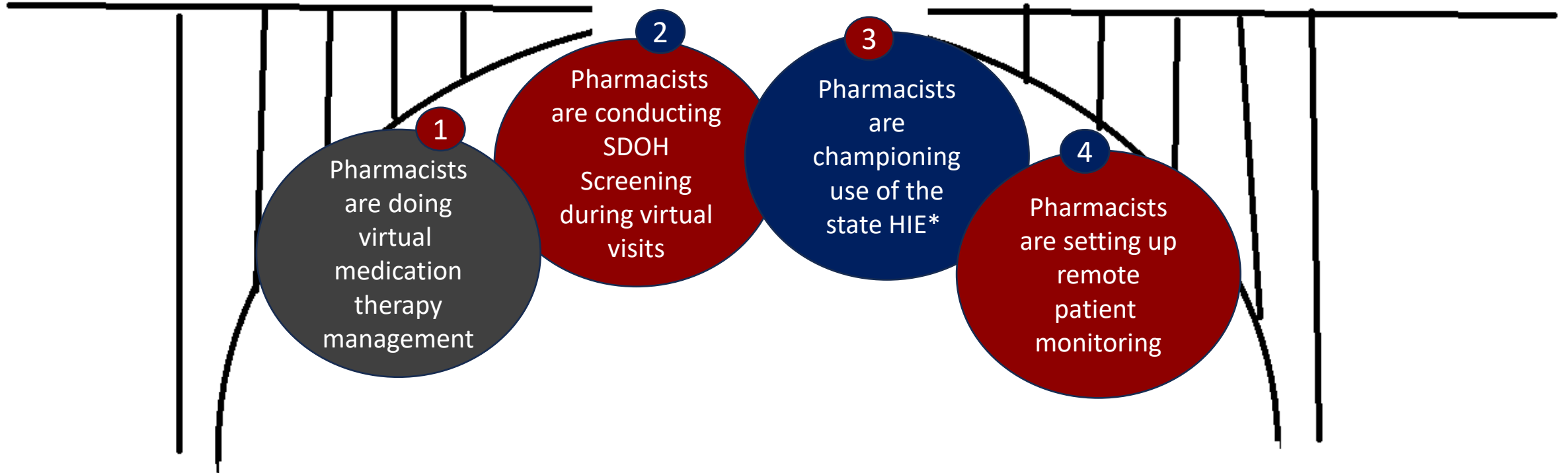
This team-based care model helps build trusted relationships with the patients



The model promotes shared decision making from a population health perspective



Telepharmacy Services Facilitate the Bridging of Care Gaps



*State Health Information Exchange



The SeeUrPharmacist Telepharmacy Platform



Secure web-based video virtual visits between two or four parties where the patient does not need software

Has a medication therapy management (MTM) workflow to generate the updated Medication List and Medication Action Plan

Has secure messaging and is FHIR compliant-optimized for interoperability



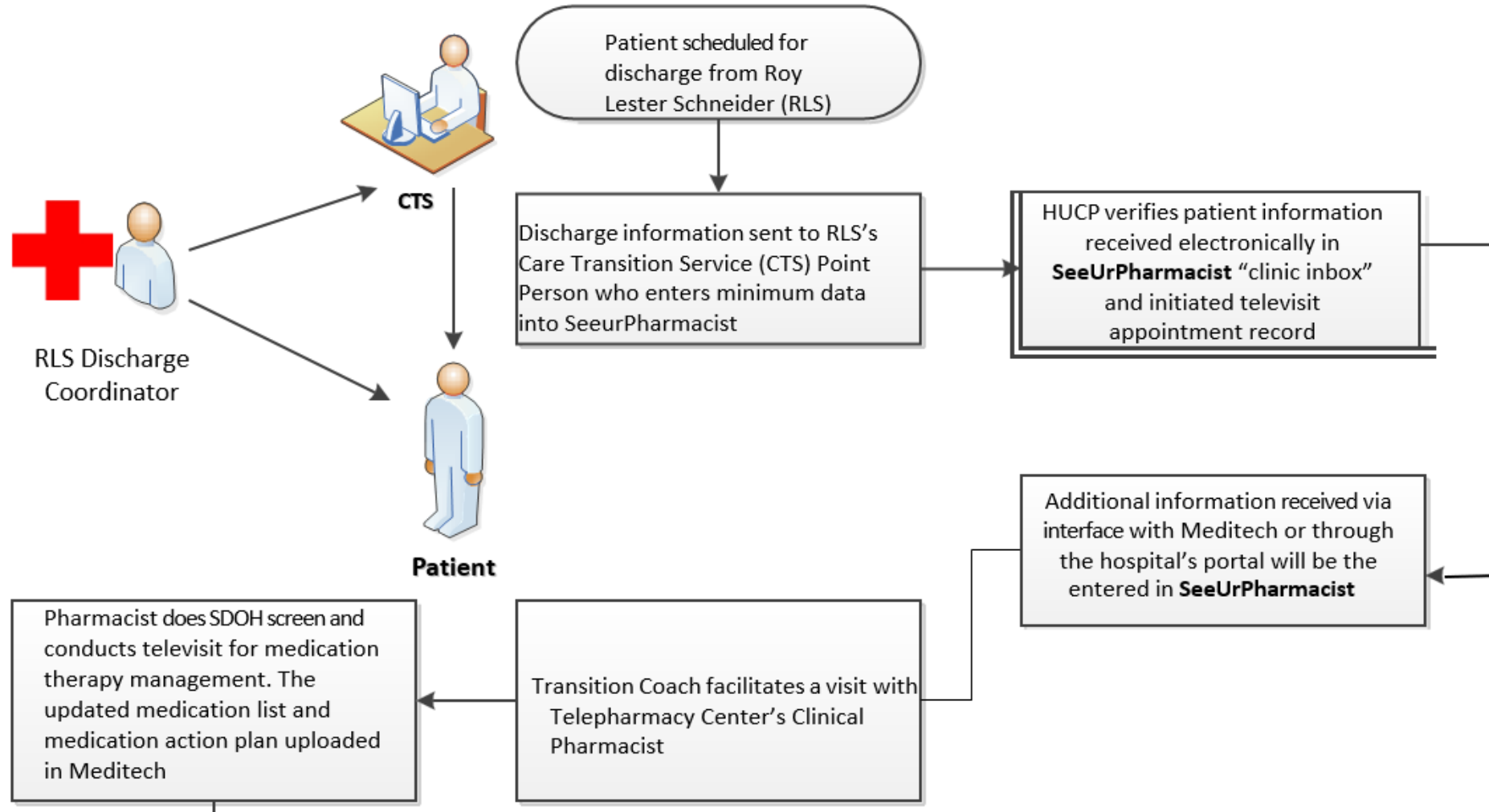
USVI Pilot Project to Bridge Gaps in Care Transitions

- Roy Lester Schneider hospital and the HUTEPH Center at Howard will partner to pilot a transition of care program supported by telepharmacy
- The project will focus on transition of care for diabetes patients with public insurance post discharge from the hospital
- Telepharmacy service will include a medication therapy management service, medication adherence coaching, an SDOH check and patient education



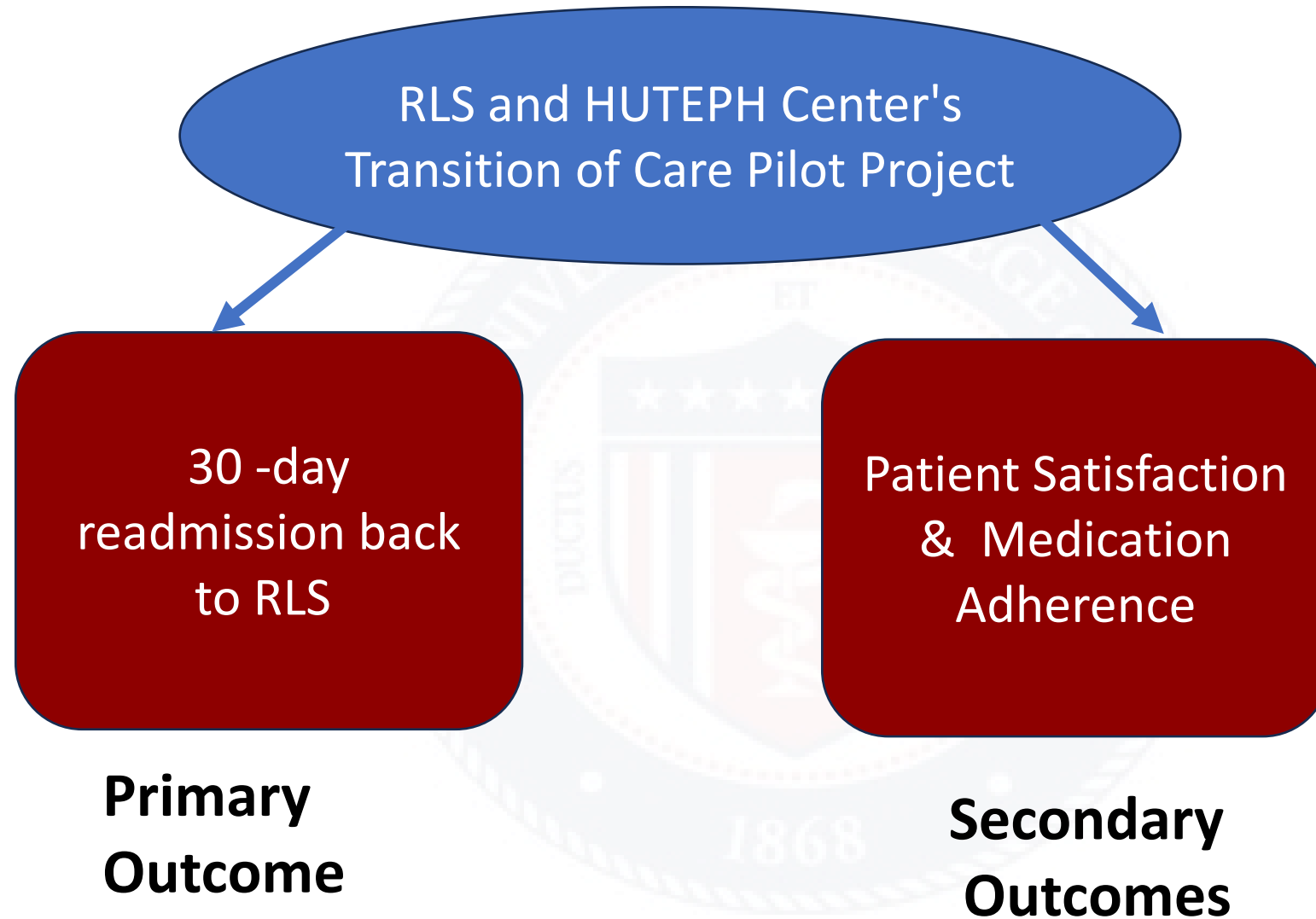
USVI Pilot Project to Bridge Gaps in Care Transitions

Care Transition Services Workflow Snapshot





USVI Pilot Project Outcomes





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Thank You

