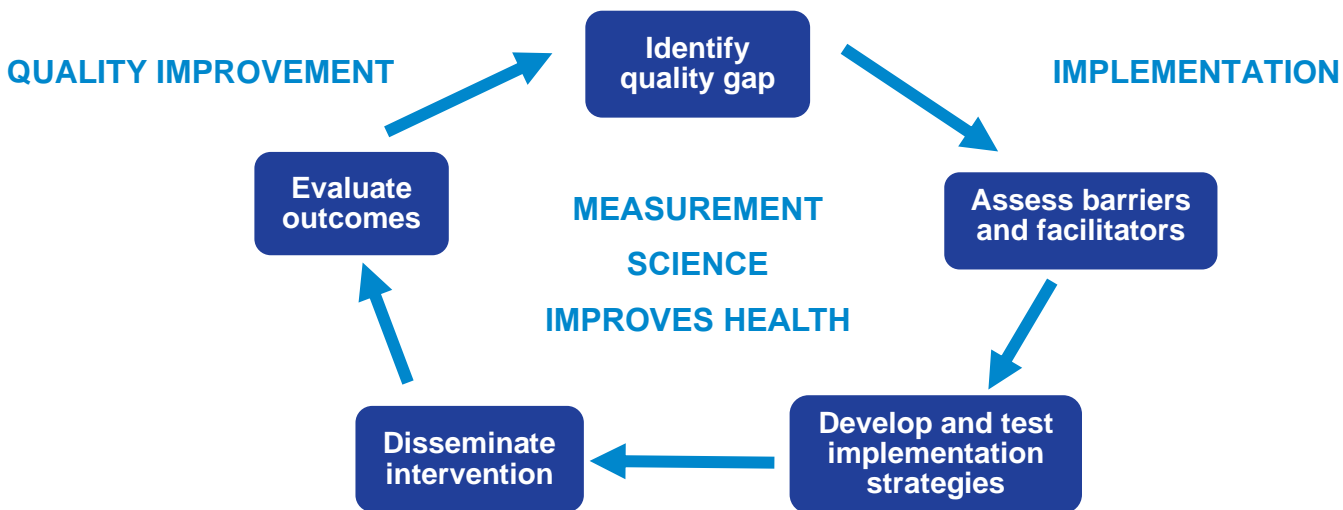


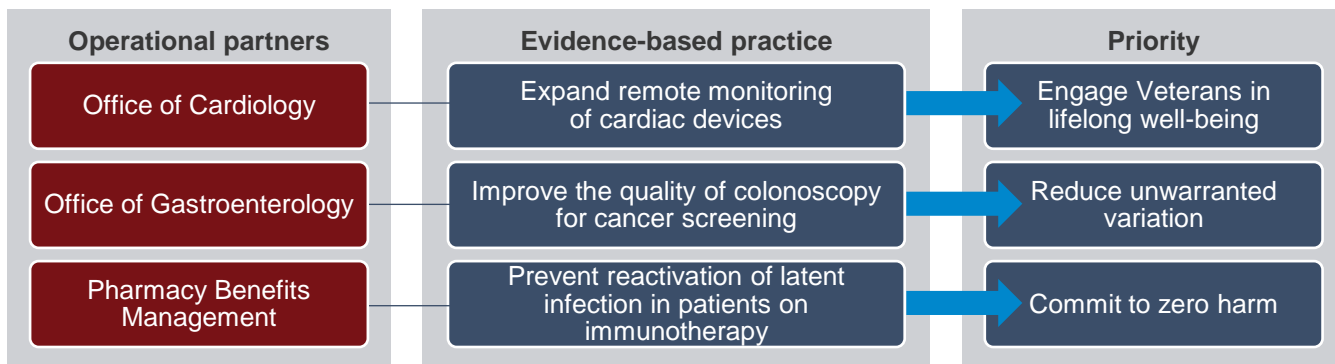
# Measurement Science QUERI

## Integrating measurement science into healthcare for Veterans

Measurement science (defined as the theory, practice, and application of relevant metrics) is at the core of Veterans Health Administration transformational efforts to become a **Learning Healthcare System** and **High Reliability Organization**. Without meaningful metrics, the impact of implementation and quality improvement efforts cannot be determined. The Measurement Science QUERI Program is collaborating with **five national and regional VA partners** to implement three evidence-based practices that help define, standardize, and continuously monitor metrics to improve quality of care.



### Key partners and alignment with VA Priorities



## Moving the needle on quality of care



To improve the quality of colonoscopy and prevent colorectal cancers, we provide individualized coaching that increases the adenoma detection rate of VA endoscopists.



To prevent reactivation of latent infections (such as hepatitis and tuberculosis) in Veterans treated with immunotherapies, we monitor and provide feedback to providers about screening.



To enhance remote monitoring of cardiovascular devices, we expand remote monitoring of cardiac implantable electronic devices (pacemakers and implantable cardioverter-defibrillators).

## Measuring the impact on Veterans, providers, and the system

Scaling up and spreading these evidence-based practices will prevent colorectal cancer, increase medication safety, and reduce cardiovascular mortality.

Evidence-based Practice	Projected number of implementation facilities, providers trained and Veterans who will benefit				How effort will inform VA practice or policy	Impact on Quality of Care
	Facilities	VISNs	Providers	Veterans		
Provide evidence-based coaching to improve the quality of colonoscopy	10	7	10	5000+	Earlier detection will decrease mortality from colon cancer	Prevent colon cancer
Screen for latent infection prior to starting immunotherapy	5	3	5	2500+	Increased screening will reduce fatal infections	Enhance medication safety
Expand remote monitoring of cardiac implantable devices	6	4	5	2500+	Remote monitoring will mitigate harm from faulty devices	Reduce cardiovascular mortality

If you would like to learn more or partner with us, please contact Katherine Williams, PhD, at [katherine.williams@ucsf.edu](mailto:katherine.williams@ucsf.edu).

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