

# ACTS COVID-19 Evidence to Guidance to Action Collaborative

Information about ACTS and the Collaborative's LHS Concept Demonstration and stakeholder-driven LHS proposal is [here](#).

## Overview

This Collaborative is a learning community helping participants improve the 'data - to evidence - to guidance - to action - and back to data' learning health system cycle for COVID-19 (and beyond).

The learning community brings together individuals, organizations, and initiatives represented in the [ACTS Stakeholder Community](#) to address challenges related to the COVID-19 pandemic and beyond in ways that also address broader care transformation goals.

In addition to supporting participants in this way, the Collaborative aims to broadly advance progress toward a high-functioning healthcare knowledge ecosystem for COVID-19 and beyond where evidence-based offerings from AHRQ and other public and private sources are more [FAIR](#), computable and useful in helping Learning Health Systems (LHSs) achieve the [quintuple aim](#), as envisioned in the [ACTS Roadmap](#).

A key Collaborative deliverable is producing over summer 2021 an 'LHS Concept Demonstration' that illustrates an 'art of the possible' patient journey consistent with the quintuple aim. The concept demonstration includes storyboards, 'clickable demos,' and working tools that would comprise the infrastructure needed to make this future vision a widespread and successful reality. The concept demonstration is driven by a few clinical targets and efforts of selected organizations, but it designed to be scalable very broadly to all pertinent, targets, settings, and initiatives.

The ACTS COVID-19 Guidance to Action *Collaborative* has ended.

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[Information/Posting Disclaimer](#)

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## Learning Community Goals:

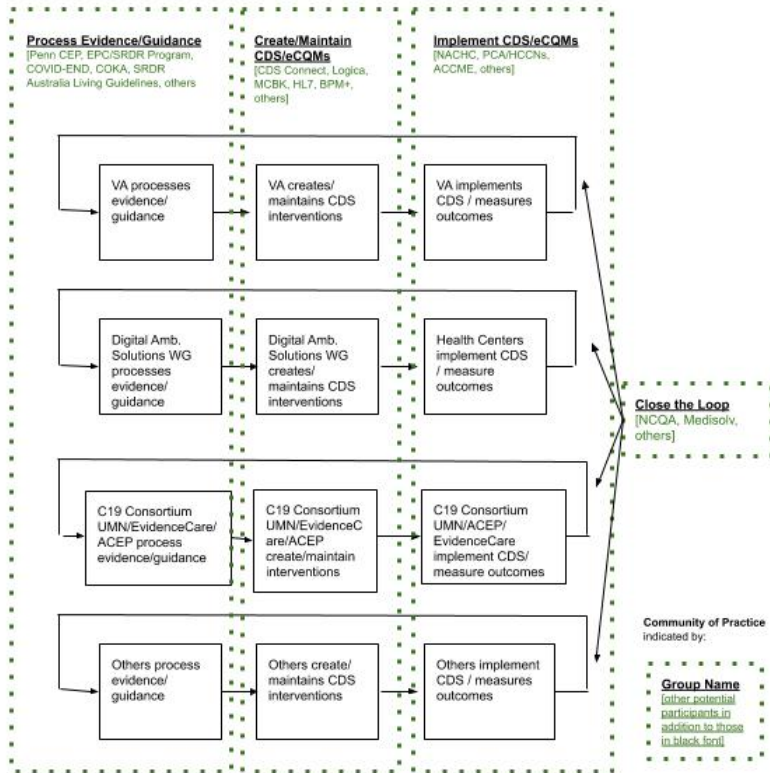
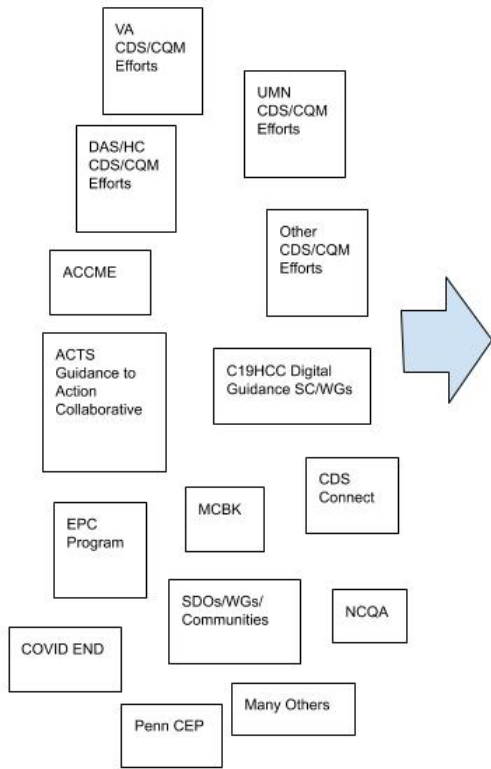
1. **Cross-fertilize** and **accelerate current efforts** to develop and deliver to care teams the latest **COVID-19 evidence-based guidance** - and tools to apply it;
2. Measurably **improve care and outcomes** for COVID-19 patients and care teams in **limited settings for selected targets** being addressed by Learning Community participants in ways that can be **scaled to many other targets and settings**;
3. **Advance tools, standards, and collaborations** that seed the digital knowledge platforms (from AHRQ/others), knowledge ecosystem, reference architecture, and public private partnerships **called for in the ACTS Roadmap**.

## Approach

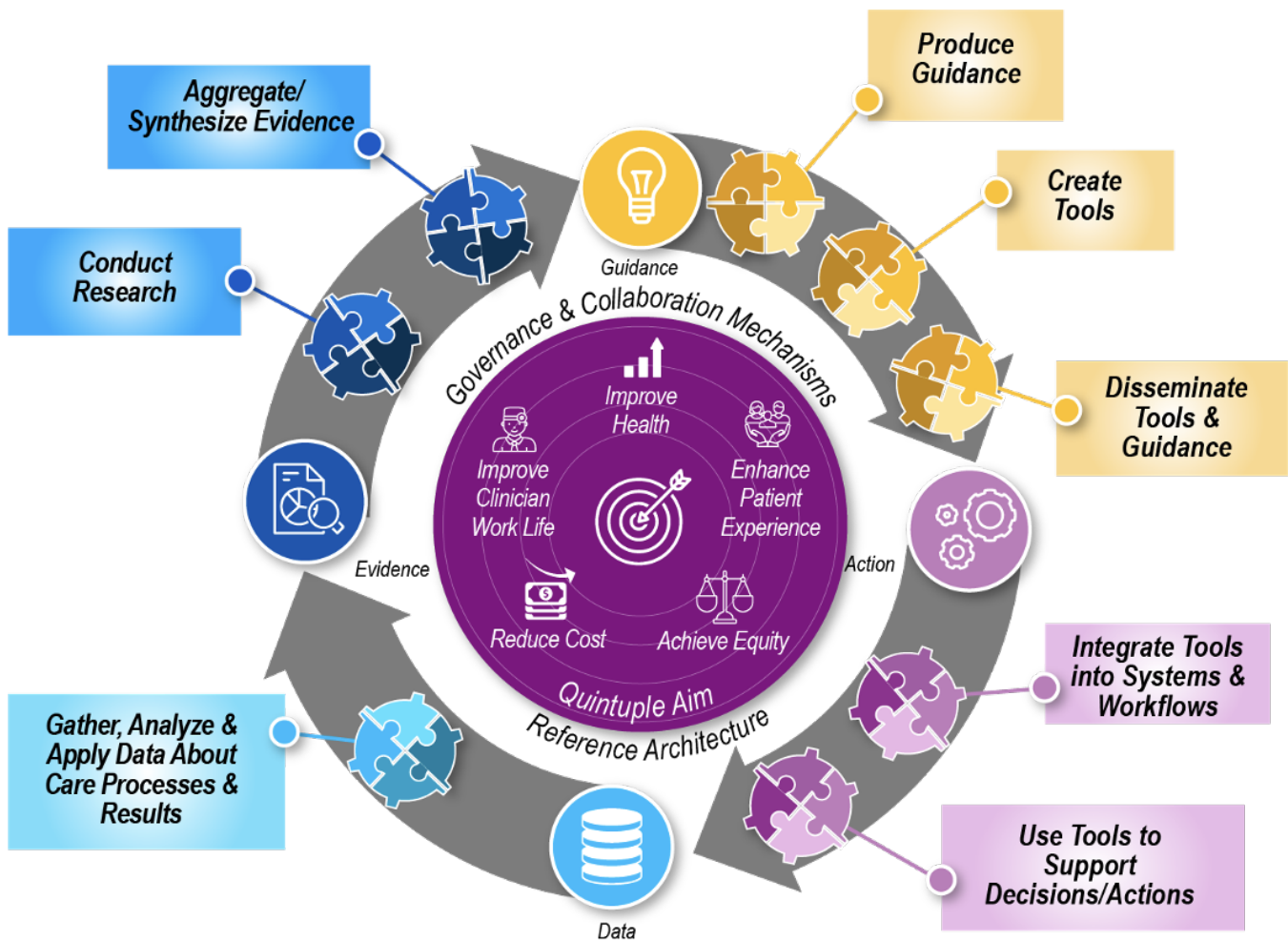
## Communities of Practice Cross-fertilize and Accelerate Efforts

- More efficient resource use, Learning Health System, Quadruple Aim

Interdependent but Siloed Efforts,  
Working Toward Shared Goals



Ultimate Goal: Enhance Knowledge Ecosystem/Learning Health System Cycle to Broadly Achieve Quintuple Aim

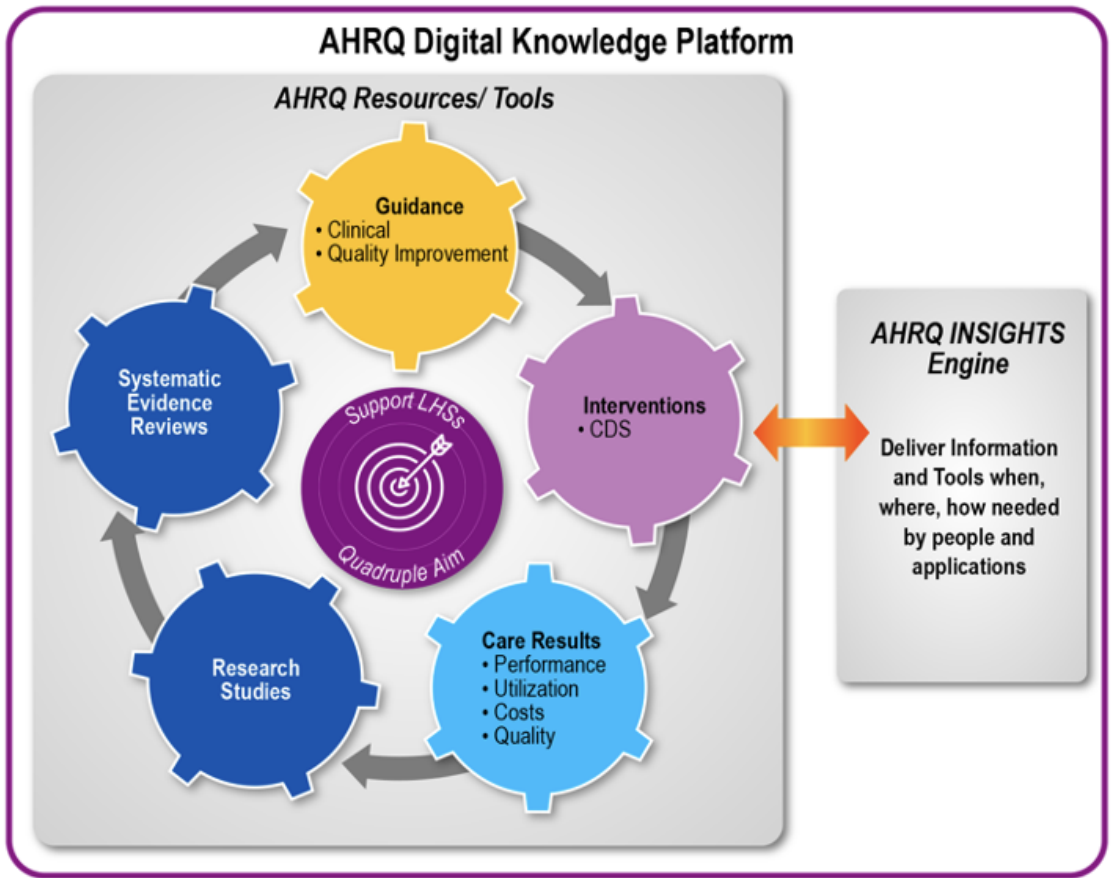


## Background

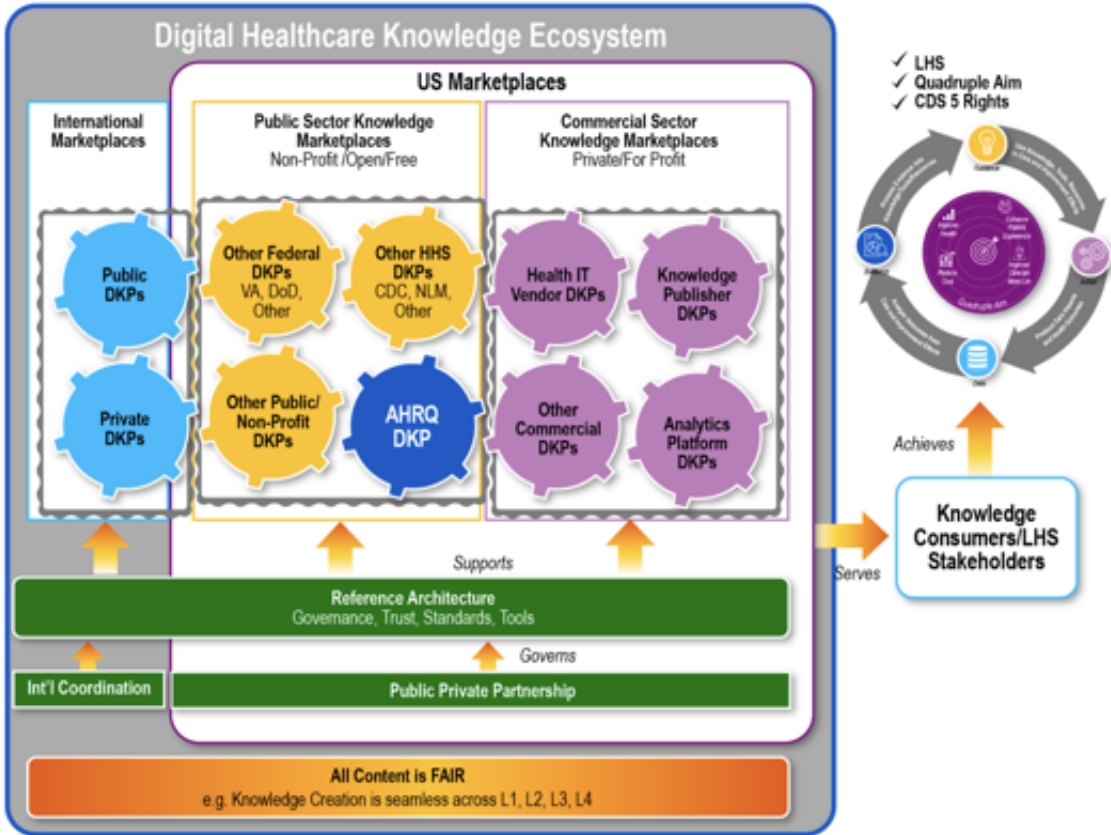
Members of the AHRQ evidence-based Care Transformation Support (ACTS) initiative Stakeholder Community have been working together under this 'ACTS COVID-19 Evidence to Guidance to Action Collaborative' to improve the development, dissemination and use of "living" COVID-19 guidance. [This presentation](#) from 11/17/20 provides an overview of the ACTS initiative and its Roadmap for producing a healthcare knowledge ecosystem that fosters learning health systems and realization of the [quadruple aim](#).

This website is a Learning Community for Collaborative participants who are developing, implementing, and evaluating living CDS interventions focused on specific COVID-19 patient management issues. The Collaborative goal is to continually enhance patient care related to the pandemic as the evidence base evolves, and to support those working along the COVID-19 'knowledge supply chain' (data-to evidence-to knowledge-to guidance-to action) to improve clinical guidance development and workflow integration for COVID-19 (and beyond) to make the knowledge supply chain more efficient and effective as outlined in the ACTS Roadmap.

Of particular interest as a Learning Community result is insights (and ideally tools and collaborations) that could seed an AHRQ Digital Knowledge Platform and related components of the Knowledge Ecosystem called for in the ACTS Roadmap (see diagrams below). Technical components, for example, could include integration engines, an advanced search engine, UI / Dashboard display visualization software, API software, etc. to enable users (e.g. developers and consumers of resources such as systematic reviews, clinical recommendations/guidance/guidelines, CDS interventions (including L4 localizations, etc.) to produce, access and maintain key resources from AHRQ and others better than is currently the case.



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