

# ACTS COVID-19 Evidence to Guidance to Action Collaborative

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)

Please [LOGIN](#) to access collaboration tools and discussions available only to participants in the ACTS COVID-19 Guidance to Action Collaborative.

If you are interested in joining this Collaborative, please email [support@ahrq-acts.org](mailto:support@ahrq-acts.org)

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[Assistive Technology Disclaimer](#)

## 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**.

## Overview Diagram

## 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



(See Navigation Bar for Site Components)

## 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.

## AHRQ Digital Knowledge Platform

### AHRQ Resources/ Tools



### AHRQ INSIGHTS Engine

Deliver Information and Tools when, where, how needed by people and applications

<=>

## Digital Healthcare Knowledge Ecosystem

### US Marketplaces



Reference Architecture  
Governance, Trust, Standards, Tools

Int'l Coordination

Public Private Partnership

All Content is FAIR

e.g. Knowledge Creation is seamless across L1, L2, L3, L4

- ✓ LHS
- ✓ Quadruple Aim
- ✓ CDS 5 Rights



Achieves

Serves

**Knowledge Consumers/LHS Stakeholders**

Disclaimer