Approach, Participants, Targets, Status Overview

Approach

The ACTS COVID-19 Guidance-to-Action Collaborative's Learning Community brings together individuals, organizations, and initiatives represented in the ACTS Stakeholder Community to accelerate progress toward their respective goals. A key, related goal is leveraging this collaboration to simultaneously advance progress toward a high-functioning healthcare knowledge ecosystem for COVID-19 and beyond, as envisioned in the ACTS Roadmap.

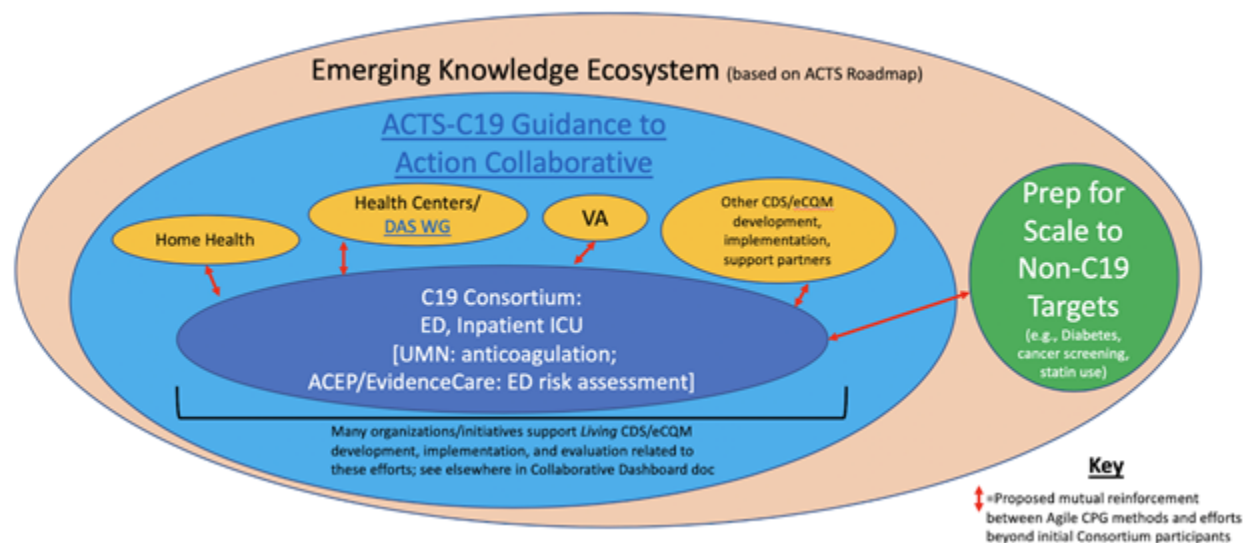These Learning Community webpages (see page tree in left navigation sidebar) provide:

- an evolving shared framework for the healthcare knowledge ecosystem that participants operate in and are trying to improve through their individual and joint efforts
- Community of Practice (CoP) home pages where participants can share overviews and links to more detailed information about their initiatives. Together with weekly collaborative teleconferences and Learning Community online discussion forums (under development), these CoP home pages help participants collaborate and share learning, strategies, and tools in ways that add value to individual efforts and drive progress toward shared goals.

Activities within the Learning Community are currently focused on enhancing through cross-fertilization initiatives already underway in various organizations to develop, deploy and evaluate 'living CDS interventions' for several specific COVID-19 clinical topics, as outlined below.

Participants

This Learning Community is a growing network of organizations and initiatives. The early draft diagram below outlines *some* of the initial participants.

Collaborative/Learning Community Overview Diagram

Targets

The Learning Community is initially focused on coordinating and enhancing participant efforts to develop, implement and evaluate support for care team decisions and actions related to the targets outlined below. Related efforts to strengthen the evidence/knowledge/guidance 'supply chain,' incorporate this information into decision/action support tools and performance measures, implement these in clinical setting, evaluate the results and feed implications back into the 'knowledge ecosystem,' and scale these Learning Community efforts to other settings and targets, are also of interest (see tables on respective CoP home pages).

- **COVID-19 Patient Assessment, severity classification, decision making/recs**
  - Symptom eval/triage/test & mgt recs
    - At home - remote triage of patients with possible COVID-19 symptoms
    - ED - Severity assessment and optimal disposition
    - At home - monitoring /managing COVID patients: assess disease course, modify care plan as needed (e.g, send to hospital, follow-up after discharge)
  - Risk assessment/mgt support
    - Inpatient: patient's risk of deterioration over the next 12-24 hours
    - ICU: patient's risk of deterioration over the next 4-12 hours

- Anticoagulation
    - Inpatient/ICU: whether/how individual patients should receiving anticoagulation medications (using same Agile Knowledge Engineering approach being leveraged for ED severity/disposition target)
- **Other Needs** (addressed in a related initiative focused on patient-driven care planning)
    - Managing uncontrolled diabetes
    - Supporting preventive care decisions (prostate, breast, colon cancer screening)
    - Informing decisions related to statin use

Status Overviews

See Participant Windows