

The Clinical Decision Support Innovation Collaborative

Making clinical decision support more valuable and meaningful to patients, clinicians, and healthcare systems.

Project Overview and Goals

The Clinical Decision Support Innovation Collaborative (CDSiC) is part of AHRQ's Patient-Centered Outcomes Research (PCOR) Clinical Decision Support (CDS) Initiative, which aims to advance patient-centered CDS (PC CDS) to improve health outcomes of all patients. The CDSiC:

- **Uses CDS to transform the adoption and use** of PCOR evidence in clinical practice.
- **Defines, coordinates, and influences short- and long-term goals** around PC CDS that respond to the current state of the healthcare ecosystem and patient demands.
- **Engages stakeholders** to identify PCOR findings for implementation via CDS, **define and recommend CDS measurement concepts, and test or evaluate** via demonstration projects.

TASK 1:

CDSiC Operations Center

Provides operational oversight, supports dissemination, ensures governance, and informs strategic direction by working closely with the Steering Committee



TASK 2:

CDSiC Stakeholder Community & Outreach Center

Provides thought leadership from four topic-focused Workgroups



TASK 3:

CDSiC Innovation Center

Consists of two Cores, including the Measurement and Value of CDS Core and the Conducting and Coordinating CDS Projects Core.



CDSiC Accomplishments and Exciting Activities Planned for the Upcoming Year

- The CDSiC's Stakeholder Workgroups and Innovation Cores developed 15 products (mapped to PC CDS Lifecycle on Page 2) that advance the development, implementation, standardization, and measurement of patient-centered CDS.
- **In the upcoming year, we will conduct real-world testing and measurement of PC CDS projects and develop new products focused on topics like understanding stakeholder perspectives on artificial intelligence in PC CDS, capturing patient preferences and other patient-centric data, and demonstrating the value of PC CDS.**

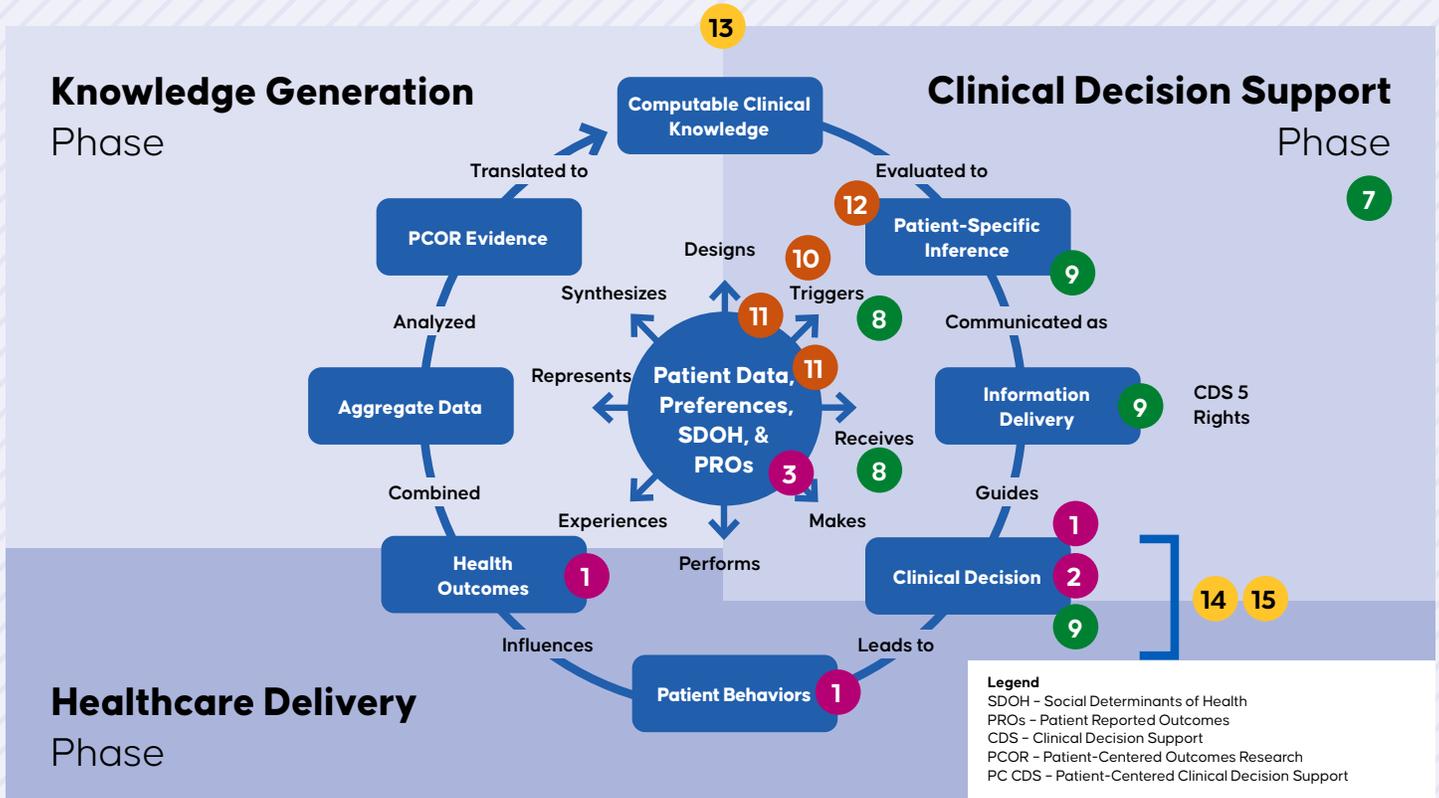
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The PC CDS Lifecycle Diagram



Regulatory and Technical Landscape 4 5 6



Outcomes & Objectives Workgroup

- 1 Patient-Focused Outcome Measures for PC CDS
- 2 Taxonomy of Patient Preferences
- 3 Integration of Patient-Centered Clinical Decision Support into Shared Decision Making

Scaling, Measurement & Dissemination Workgroup

- 7 PC CDS Planning, Implementation, and Reporting Tool
- 8 Approaches to Measuring PC CDS Workflow and Life Flow Impact
- 9 PC CDS Performance Measurement Inventory and User Guide

Standards & Regulatory Frameworks Workgroup

- 4 Standards and Regulatory Frameworks Environmental Scan
- 5 Improving Interoperability of PC CDS
- 6 Advancing Standardized Representations for Patient Preferences to Support PC CDS

Trust & Patient-Centeredness Workgroup

- 10 An Introductory Handbook for Patient Engagement Throughout the PC CDS Lifecycle
- 11 Methods for Involving End users in PC CDS Codesign
- 12 Improving the Source Credibility of Tools



Innovation Center Cores

- 13 Unified PC CDS Measurement Framework
- 14 Prototype PC CDS and PRO Performance Dashboard
- 15 Prototype that Implements Best Practices for Presentation and Analysis of Selected Types of Patient-Generated Health Data (PGHD)

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