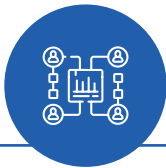


The Clinical Decision Support Innovation Collaborative

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

Project Overview and Goals

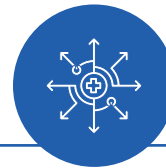
The Clinical Decision Support Innovation Collaborative (CDSiC) is part of AHRQ's Patient-Centered Outcomes Research (PCOR) Clinical Decision Support (CDS) Initiative. The CDSiC aims to advance patient-centered CDS (PC CDS) to improve health outcomes for all patients. Through its three Centers (Operations, Stakeholder Community & Outreach, and Innovation), 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 related to PC CDS that respond to the current state of the healthcare ecosystem and patient demands.



Engages stakeholders to develop resources to advance PC CDS, define and recommend CDS measurement concepts, and test or evaluate PC CDS via demonstration projects.

CDSiC Accomplishments



The CDSiC has engaged 100+ CDS stakeholders in discussions about the current state and future promise of PC CDS.



The CDSiC has developed 33 products and projects that help advance the development, implementation, standardization, and measurement of PC CDS.



cdsic.ahrq.gov/



Summary of CDSiC Products by Topic Area and Type



Standards

Understanding available PC CDS standards and priorities for future standards development

REPORTS

- Standards and Regulatory Frameworks Environmental Scan
- Advancing Standardized Representations for Patient Preferences to Support PC CDS
- Prioritizing Patient Preferences for Standardization to Support PC CDS*
- Improving Interoperability of Patient Apps with the Health IT Ecosystem



Patient Trust, Engagement, and Preferences

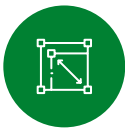
Exploring factors contributing to trust in PC CDS, patient engagement throughout its lifecycle, and integration of patient preferences

REPORTS

- Improving the Source Credibility of PC CDS Tools
- Integration of PC CDS Into Shared Decision Making
- Taxonomy of Patient Preferences
- Capturing Patient Preferences for PC CDS Within Clinician Workflows and Patient Lifeflows*

GUIDES & TOOLS

- Methods for Involving End Users in PC CDS Co-Design
- An Introductory Handbook for Patient Engagement Throughout the PC CDS Lifecycle



Measurement

Examining available measures to assess the impact of PC CDS on processes and outcomes

REPORTS

- Patient-Focused Outcome Measures for PC CDS
- Approaches to Measuring PC CDS Workflow and Lifeflow Impact
- Patient Prioritization of Measurement Areas for PC CDS*
- Unified PC CDS Measurement Framework
- Real-World Experience in PC CDS Measurement Final Report*

GUIDES & TOOLS

- PC CDS Performance Measurement Inventory and User Guide
- Inventory of Patient Preference Measurement Tools for PC CDS and Report*

PROTOTYPES

- Medication Adherence Prototype Assessment Report*
- Patient-Clinician Chatbot Prototype Assessment Report*



PC CDS Implementation

Providing resources and guidance that inform the implementation of PC CDS

REPORTS

- Exploring Challenges and Opportunities for Patient Engagement, Implementation, Adoption, and Scaling Through PC CDS Case Studies*
- An Initial Taxonomy of Override Reasons for PC CDS Recommendations*
- Opportunities to Determine Value for PC CDS*
- Action Plan to Collect and Use Social Determinants of Health Data in PC CDS*

GUIDES & TOOLS

- PC CDS Planning, Implementation, and Reporting Tool and User Guide
- PC CDS Planning and Reporting Tool and User Guide*

PROTOTYPES

- Prototype PC CDS and PRO Performance Dashboard
- Prototype That Implements Best Practices for Presentation and Analysis of Selected Types of Patient-Generated Health Data



Use of Artificial Intelligence (AI) in PC CDS

Exploring the use of AI in transparent ways to scale PC CDS

REPORTS

- Patient and Caregiver Perspectives on Generative AI in PC CDS*
- Landscape Assessment on the Use of AI to Scale PC CDS*

Legend

REPORTS: Key findings from environmental scans and/or qualitative data collection in a report format

GUIDES & TOOLS: Practical guides or tools that support design, implementation, or measurement of PC CDS

PROTOTYPE: Design specifications, requirements, and evaluation of PC CDS prototype applications developed

* New products developed in the third year of the CDSiC Project

Access CDSiC products here

