

AHRQ CEDAR



CEPI Evidence Discovery And Retrieval

A Direct Line to AHRQ-Sponsored Information and Evidence

CEDAR [The Agency For Healthcare Research and Quality's (AHRQ) Center for Evidence and Practice Improvement (CEPI) Evidence Discovery and Retrieval] is an open-source project which gives developers the ability to integrate AHRQ evidence into their existing systems. It can be accessed and used by researchers, clinicians, policymakers, patients, and others who rely on AHRQ's evidence.

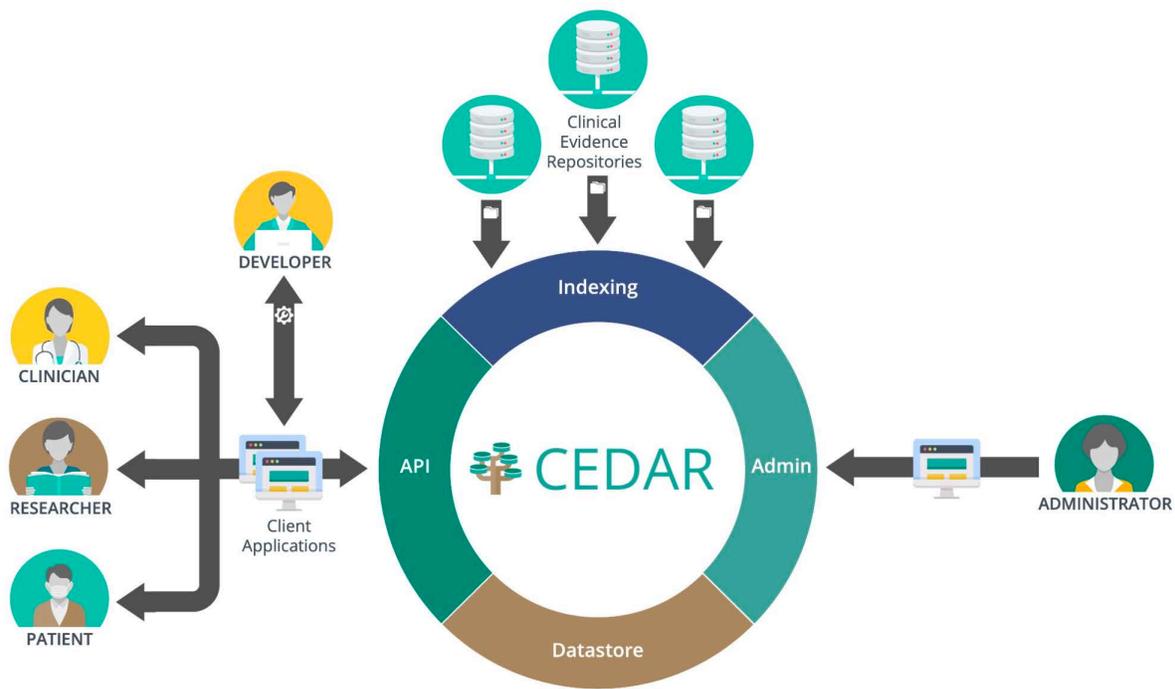
CEDAR provides quick and easy access to patient-centered outcomes research (PCOR) information.

CEDAR is free and publicly available for other platforms to discover and retrieve AHRQ evidence from multiple resources simultaneously.

CEDAR strives to make PCOR evidence and findings in AHRQ resources more **FAIR**

- Findable
- Accessible
- Interoperable
- Reusable

How it Works



Find AHRQ's Trusted Evidence in One Place:

CEDAR

CEPI Evidence Discovery And Retrieval

Considerable delay exists between the production of research evidence and its adoption for use in clinical settings. AHRQ maintains research evidence and PCOR findings developed through different programs. The information ranges from systematic reviews and clinical practice recommendations to clinical decision support tools, and each program has developed different platforms for dissemination. Discovery and retrieval of content remains manual and requires users to search each repository independently. AHRQ recognizes a need for these repositories to be more **Findable, Accessible, Interoperable, and Reusable** (the FAIR principles).

AHRQ aims to improve the efficiency of discovering and disseminating evidence-based resources into practice through the CEDAR project. CEDAR is intended to make the research evidence and findings in AHRQ resources more FAIR through the development of a standards-based application programming interface (API) that supports the search, access, and use of research evidence in select AHRQ programs, including:

- The Systematic Review Data Repository
- The Effective Health Care Program
- The Evidence-based Practice Center Program
- CDS Connect
- The U.S. Preventative Services Task Force Recommendations

To learn more about CEDAR, contact

✉ ClinicalDecisionSupport@ahrq.hhs.gov

Between September 2020 and September 2022, AHRQ, with support from The MITRE Corporation, developed and launched the first version of CEDAR.



CEDAR is a comprehensive reference implementation that includes the FHIR-based CEDAR API. Users can experience how CEDAR works by searching for resources through a demonstration of two user interfaces on the AHRQ website. CEDAR is open source and freely available to use.



A pilot with the American Academy of Family Physicians provided invaluable feedback for CEDAR's development and initial release. Pilot testers generally reported positive experiences and high quality search results using CEDAR. They also indicated interest in using the API beyond the formal pilot period.



Regular, frequent stakeholder input allowed the team to understand different perceptions, needs, and uses of CEPI evidence and to incorporate feedback into CEDAR's iterative development.



The team built a tool called C-FAIR to measure how CEDAR improves FAIR access to CEPI information.



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