

Technological Factors Implementing Informatics Support Tools for RIOS Net, An AHRQ Practice-Based Research Network

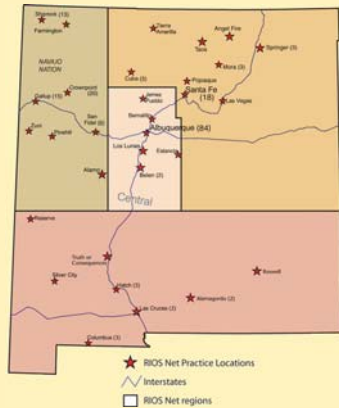
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Abstract

RIOS Net (Research Involving Outpatient Settings Network) is an AHRQ Practice-Based Research Network in New Mexico composed of clinicians practicing in Community Health Centers, Indian Health Service/Tribal facilities, and University of New Mexico academic settings.

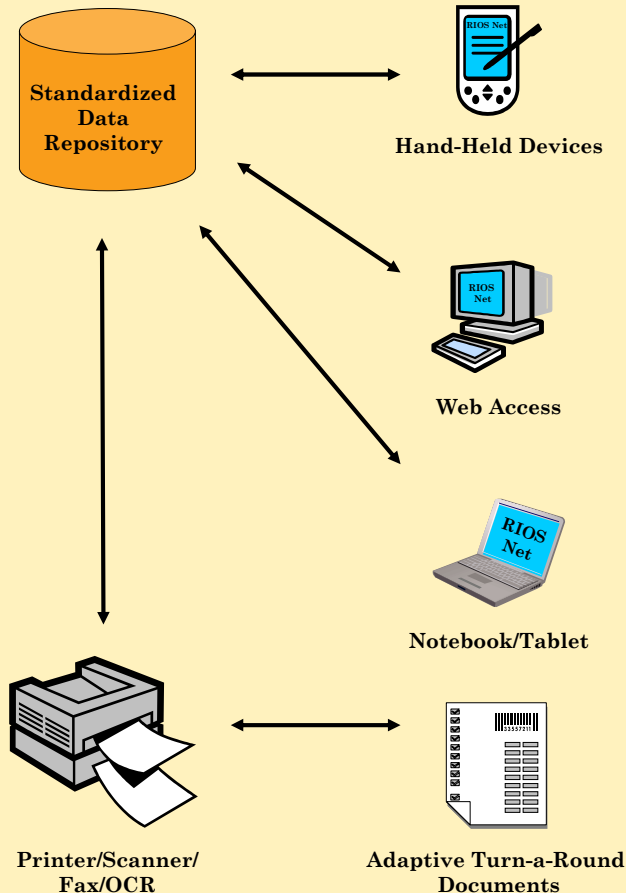
RIOS Net



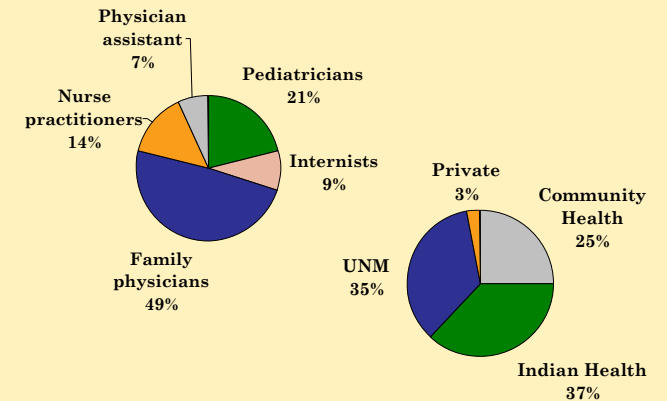
Informatics Support Strategy

Previous RIOS Net projects have successfully used hand-held and web-access data collection technologies. However data from these projects was not stored in an easily reusable format. The UNM Health Sciences Center is creating a standardized term-based research data repository to support all RIOS Net research projects and future reuse/data-mining of the accumulated data. Because many of the network's 200+ members are located in remote areas, access to the internet or even basic computer equipment is often limited. The investigators will evaluate the use of adaptive turn-a-round documents as a strategy for automating data collection in addition to a variety of other data collection technologies.

Architecture



RIOS Net Demographics



Informatics Goals

- Support and facilitate communication among RIOS Net members.
- Create a centralized, standardized term-based clinical data repository capable of supporting all RIOS Net clinical research projects.
- Completely configurable user access control to effectively manage compliance with all security and privacy regulations.
- Long term collection of data from multiple studies that can be potentially reused for future research.
- Create a suite of supported data collection tools easily configurable for specific practice-based research projects.
- Create a core IT group experienced with the suite of tools and data repository who will support and manage all the data gathering and storage needs of the clinical researchers.

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