

Building Informatics Capacity for Clinical/Translational and Pragmatic Research

Academic Medical Centers require informatics capacity to support clinical and translational research as outlined by the National Institutes of Health Clinical and Translational Science Awards (CTSA) program and advance aspirational goals of a learning health system. This service capacity also provides a base for informatics research. Having established informatics data capture and integrated data repositories for CTSA designation provided the basis for linking CTSA institutions to participate in PCORnet, the national Patient-Centered Clinical Research Network funded by the Patient Centered Outcomes Research Institute. PCORnet unites health care delivery systems and centers with groups of activated patients to create interoperable data and regulatory capabilities to deploy observational studies, surveys, and prospective clinical trials nationally. I will provide analogies for our informatics journey since 2010, highlight the development and capabilities of PCORnet such as the ADAPTABLE aspirin study, and reflect on how information infrastructure may have historical analogs in the development of our nation's transportation system.