

What is a Learning Health System?

The Essentials



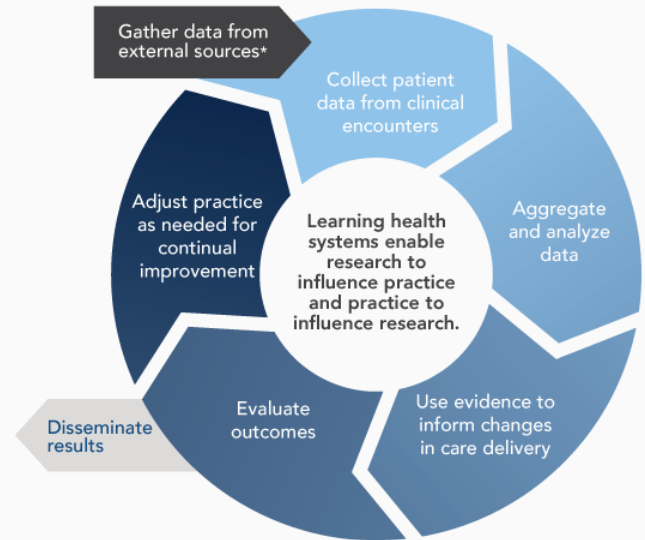
Structured to be continuously and routinely improving.



Collect data at all stages. Regularly review and analyze this data to find way was to improve care.



Work in partnership with patients to implement the most effective changes in care.



Source: Improving Cancer-Related Outcomes with Connected Health, 2016

Examples



Improve Care Now

- Started in Cincinnati, Ohio
- For youth with IBD
- Increased remission rates



Out of Hospital Cardiac Arrest

- Detroit, Michigan
- Multi-partner stakeholder group
- Increased survival rate by 73%

Key Papers

A framework for value-creating learning health systems

by Matthew Menear, Marc-André Blanchette, Olivier Demers-Payette and Denis Roy



<https://health-policy-systems.biomedcentral.com/articles/10.1186/s12961-019-0477-3>

Embedding Research in the Learning Health System

by Robert J. Reid



<https://www.longwoods.com/content/24724/healthcarepapers/embedding-research-in-the-learning-health-system>