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

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
  

- **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](https://www.longwoods.com/content/24724/healthcarepapers/embedding-research-in-the-learning-health-system)