

# Capability Maturity Models for Learning Health Systems

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# Two Frequently-Asked and Related Questions

Q1. How "LHS" is my LHS?

Q2. Operationally (not conceptually), what exactly is an LHS?

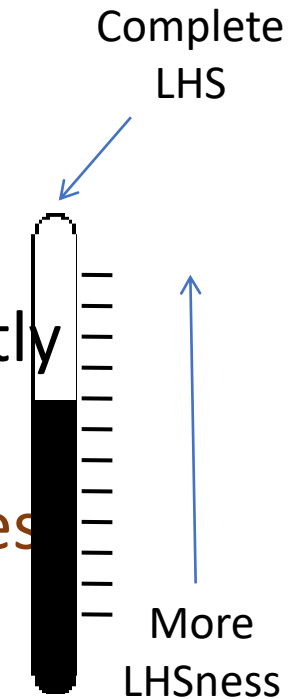
# Capability-Maturity Models Point the Way to the Answers

Q1: How "LHS" is my LHS?

Answer: CMMs create scales against which progress can be measured

Q2. Operationally (not conceptually), what exactly is an LHS?

Answer: The zenith of CMM operationally defines a "complete" LHS.





# Pioneering Work from Cincinnati

## Learning Health Systems

Open Access

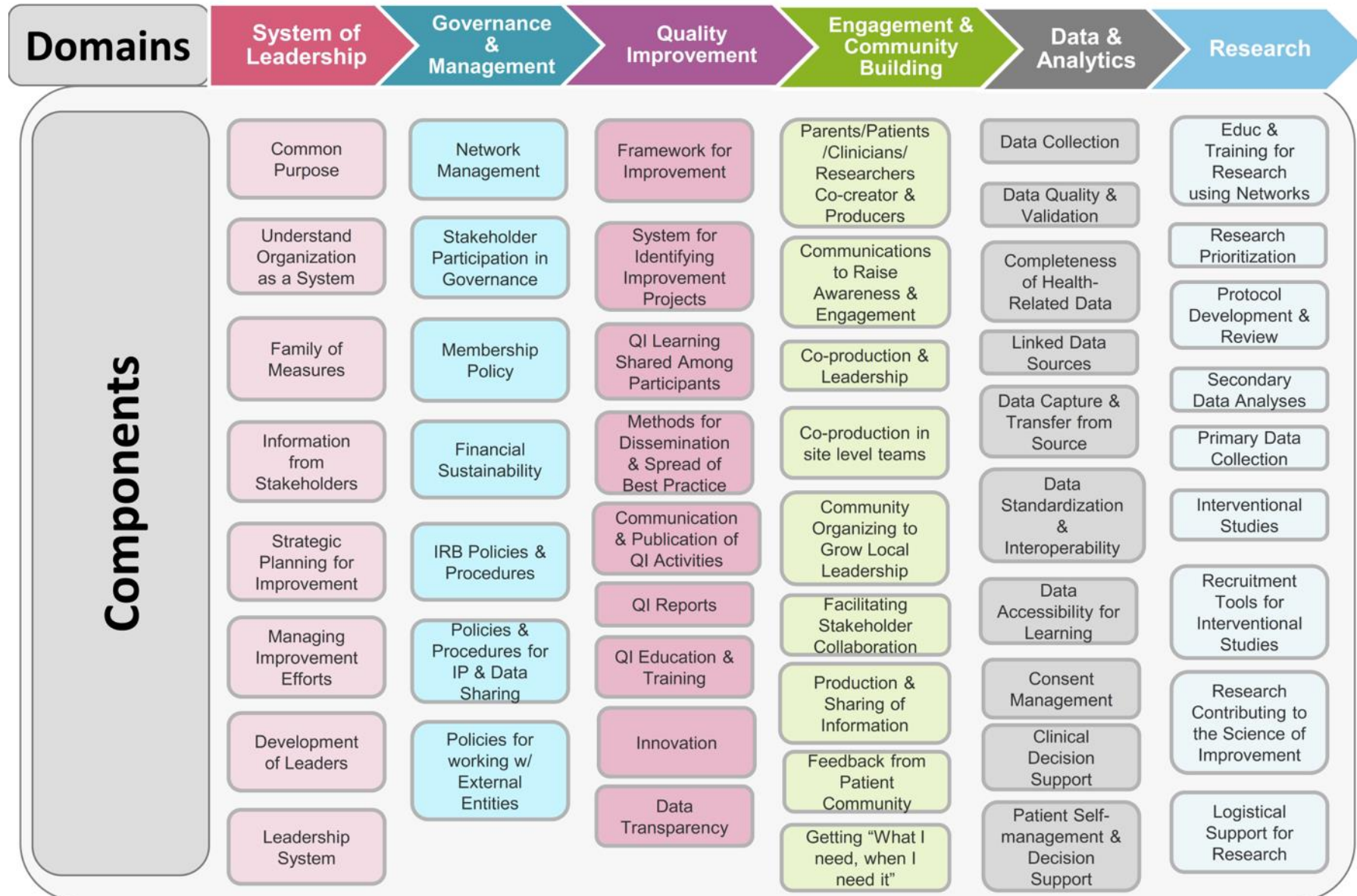
RESEARCH REPORT |  Open Access |   

### A maturity grid assessment tool for learning networks

Carole Lannon, Christine L. Schuler , Michael Seid, Lloyd P. Provost, Sandra Fuller, David Purcell, Christopher B. Forrest, Peter A. Margolis ... See fewer authors 

First published: 26 June 2020 | <https://doi.org/10.1002/lrh2.10232>

# Cincinnati Maturity Grid



# LHSs Exist at Differing Levels of Scale

## CMMs are Scale-Specific

Single Organization



Network of Organizations



State/Territory/Region



Nation



Planet



# The Learning Health Community Seeks to Complement Work Already Done

Single Organization



Learning Health  
Community  
(LHC)

Network of Organizations



Cincinnati

# LHC Approach & Progress

- Focus on single organizations as “learning entities”
- 15-member working group formed October, 2019
- Identified four pillars of the model and multiple “maturity indicators” for each pillar
- On hold since May due to pandemic
- Work to resume soon



# Pillars of the Model

- ***Governance and Leadership***: Capability to set priorities and allocate resources
- ***Execution***: Capability to carry out complete improvement cycles
- ***Infrastructure***: Capability to support multiple simultaneous improvement cycles with shared socio-technical services
- ***Culture and Values***: Capability to create/define/act upon shared beliefs (e.g. equity, collaboration, and inclusion) that support other capabilities/pillars

# Model Development Process (Looking Ahead)

- Working group produces V1.0 of maturity model
- Invitational meeting (n ~ 30) discusses and refines draft model, producing V2.0
- V2.0 is disseminated for open comment, generating V3.0
- Formal endorsement sought from range of stakeholders
- Curation and revision model developed
- Assessment process stimulated

Thanks  
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