Leading Population Health Improvement

ecoming the best at getting better

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Preface

The lean DNA codes for the following:

1. Respect for people (staff, community, client, patient)
2. Continuous improvement (incremental and breakthrough)
3. Scientific thinking, problem solving, and innovation
4. Elimination of waste and variability
5. Being agile, adaptive, and responsive to meet challenges

- 1 Leadership foundations

    - Defining leadership
    - Theory of change
    - Leadership philosophy
    - True north compass

- 2 Respect for people

    - Lean values
    - Shingo principles
    - Transforming self and interpersonal relationships
    - Transforming teams and organizations
    - Transforming communities

- 3 Continuous improvement

    - True north metrics
    - Results-based accountability
    - Lean management
    - Lean production

- 4 Scientific problem solving

    - PDSA cycle
    - Double-loop learning
    - Lean thinking
    - A3 reporting
    - Validated learning

- 5 Elimination of waste and variability

- – Introduction
- – Standard work
- – Eight wastes
- – 5S
- – Process mapping

- 6 Being agile, adaptive, and responsive

  - – Introduction
  - – Agility
  - – Adaptiveness
  - – Responsiveness

- 7 Decision intelligence

  - – What is DI?
  - – Decision quality overview

    - ∗ Frame
    - ∗ Information
    - ∗ Alternatives
    - ∗ Reasoning
    - ∗ Commitment to action
    - ∗ Prospects

  - – Structured decision making
  - – Decisions under uncertainty
  - – Decisions under deep uncertainty

- 8 Science and technology

  - – Causal inference
  - – Probabilistic reasoning
  - – Implementation science
  - – Population health data science
  - – Artificial intelligence

1 Introduction

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

Part I

Leadership foundations

2 Defining leadership

3 Theory of change

In summary, this book has no content whatsoever.

4 Leadership philosophy

5 True north compass

Part II

Respect for people

Part III

Continuous improvement

Part IV

Scientific problem solving

Part V

Elimination of waste and variability

Part VI

Being agile, adaptive, and responsive

Part VII

Decision intelligence

Part VIII

Science and technology

Knuth, Donald E. 1984. "Literate Programming." *Comput. J.* 27 (2): 97–111. https://doi.or
g/10.1093/comjnl/27.2.97.