

# Components of a Healthcare System

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# Components

- Learning Organization
- Science of Healthcare Delivery
- Individualized Medicine
- Integration
- Pay for Value
- Insure everyone

# Learning Organization

- Professionals
  - Practice - teamwork
  - Education - teamwork
  - Research - teamwork
- Information
  - Accurate, Timely, Reliable
  - Connected
- System Engineering

# Science of Healthcare Delivery

- The study of and the practical application of processes for increasing the value of health and health care.
- System, process, project engineering
- Models of preventive and health care
- Safety reporting and transparency

# Individualized Medicine

- Genomics, proteomics
- Complexity
- Prediction, prevention, precise diagnosis, prognosis, treatment, palliation
- Patient focus
- Non-traditional settings
- Global

# Integration

- Practice
- Medical Condition
- Practice, Education, Research
- Institutions and providers
- Conductor/coordinator
- Patient

# Pay for Value

- Value = Quality / Cost over a span of care
- Quality = outcomes, safety, service
- The purpose for process is to achieve better outcomes.

# Insure Everyone

- A national issue
- Models are available
  - FEHBP
  - Massachusetts
  - Medicare
  - Military

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