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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