

Quality Measurement & HIT

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President and CEO
National Quality Forum

- Current State of Quality Measurement and Future Directions
- The Connection Between Measures and CDS
- Building EHRs and PHRs to Support Quality Measurement and Improvement
- ARRA: Measures of “Meaningful Use”

To improve the quality of American healthcare by

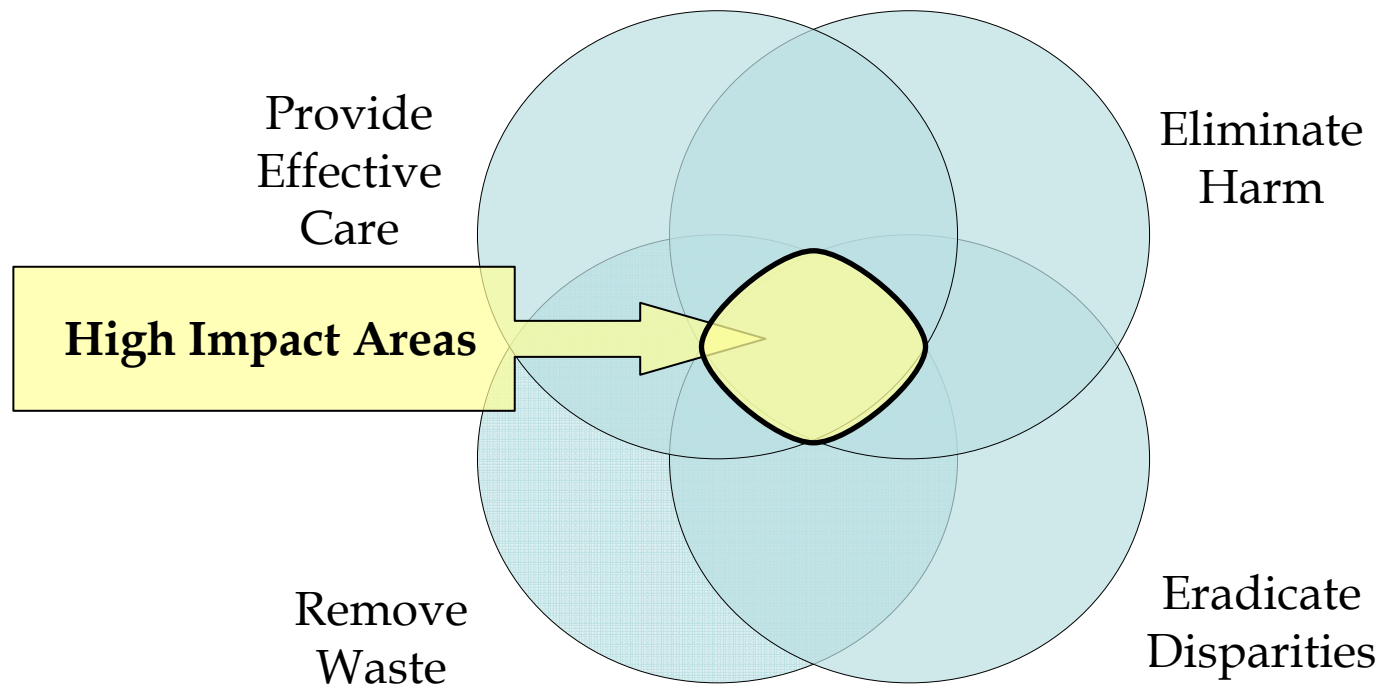
- setting national priorities and goals for performance improvement,
- endorsing national consensus standards for measuring and publicly reporting on performance, and
- promoting the attainment of national goals through education and outreach programs.

- Private sector, membership organization
 - Over 400 members representing all major stakeholders
- National Standard-setting organization recognized under NTTAA
 - Over 500 NQF-endorsed performance measures

National Priorities Partnership

- Establish national priorities and goals for performance measurement and public reporting
- Focus measurement and improvement efforts on achievement of these goals
- Multi-stakeholder Committee with representation from 32 leadership organizations
- Co-chairs
 - Don Berwick, IHI
 - Peggy O’Kane, NCQA

Selecting the National Priorities



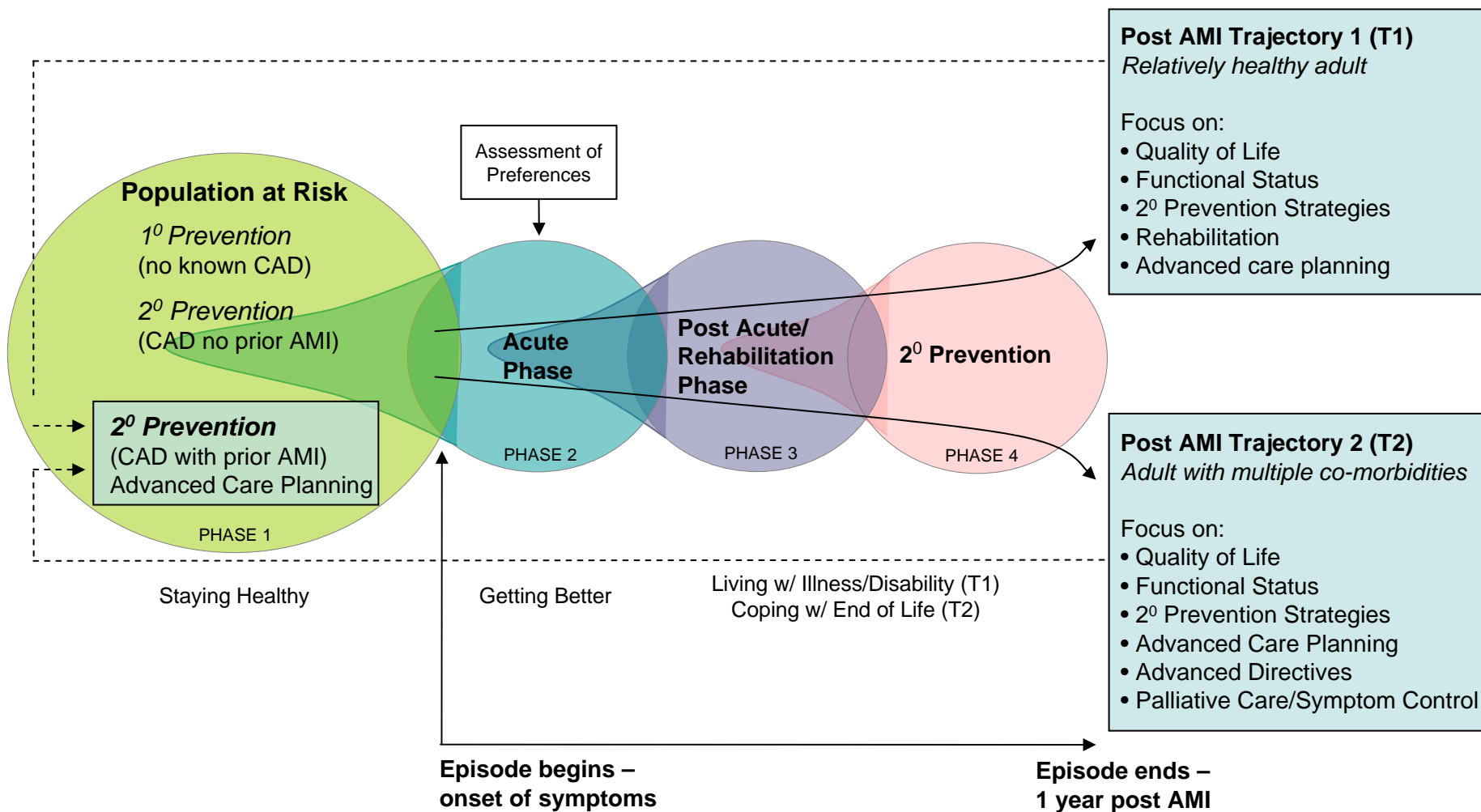
- **Ensure patients receive well-coordinated care across all providers, settings, and levels of care**
 - Medication reconciliation
 - Preventable hospital readmissions
 - Preventable ED visits
- **Improve the health of the population**
 - Preventive services
 - Healthy lifestyle behaviors
 - Population health index
- **Improve the safety and reliability of America's health care system**
 - Hospital-level mortality rates
 - Serious adverse events
 - Healthcare associated infections

- **Engage patients and families in managing health and making decisions about care**
 - Informed decision-making
 - Patient experience of care
 - Patient self-management
- **Guarantee appropriate and compassionate care for patients with life-limiting illnesses**
 - Relief of physical symptoms; meet psychosocial and spiritual needs
 - Communication regarding treatment options and prognosis
 - Access to palliative care & hospice services
- **Eliminate waste while ensuring the delivery of appropriate care**

Portfolio of NQF- Endorsed Measures

- **Uses of NQF-Endorsed Measures**
 - Public reporting
 - Pay for Performance Programs
 - Accreditation and Professional Certification
 - Quality Improvement
- **Levels of Measurement**
 - Community
 - Health System
 - Provider
 - Clinician
- **Measurement Framework**
 - Six National Priorities
 - Top Conditions and Procedures
- **Patient-Focused Episodes**
 - Outcomes
 - Resource Use
 - Harmonize measures across sites of care and types of providers
 - Shared accountability

Episode Framework: Acute MI



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Current State: QM & CDS

- Common goal of care improvement and grounding in evidence base though QM & CDS efforts not coordinated
- Common reliance on clinical guidelines that are not developed with QM and CDS in mind:
 - Lack of specificity (e.g., periodicity of testing)
 - Lack of precise definitions (e.g., “high risk”)
 - Use of imprecise “action” terms (e.g., “may consider”)
- Tendency to focus on the “measurable” branch points from guidelines

Quality Measures and CDS: Shared Evidence

clinical
decision
support

quality
measurement



clinical
decisions

guidelines

evidence
EVIDENCE

Desired State: QM & CDS

- QM focuses on outcomes and those process measures with strong link to outcomes (importance to measure and report)
- CDS focuses on the critical branch points where intervention in real-time would have greatest impact
- Work collaboratively to develop standards for *computable clinical guidelines* that support QM and CDS
- Guideline, QM and CDS communities coordinate development efforts and identify the *essential electronic data set* that can support measurement and improvement.

Shared Data Elements: “Sweet Spot”



Courtesy: Paul Tang.

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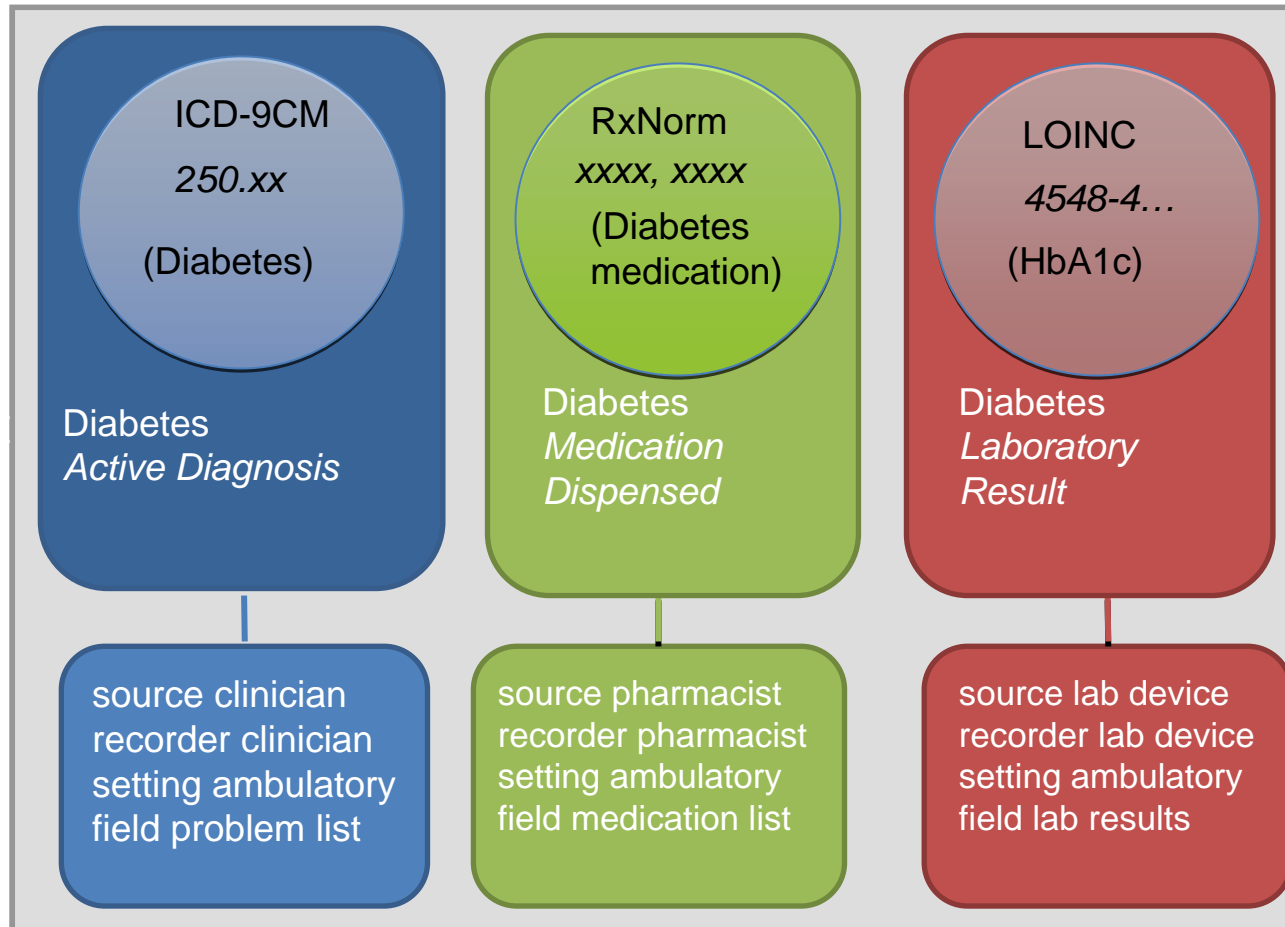
- Quality Data Set (QDS): Data types and data elements needed for quality measurement and clinical decision support
- Data Workflow: Sources and flow of data within and across healthcare
- Leads to development of a measure authoring tool to ensure consistency and harmonization

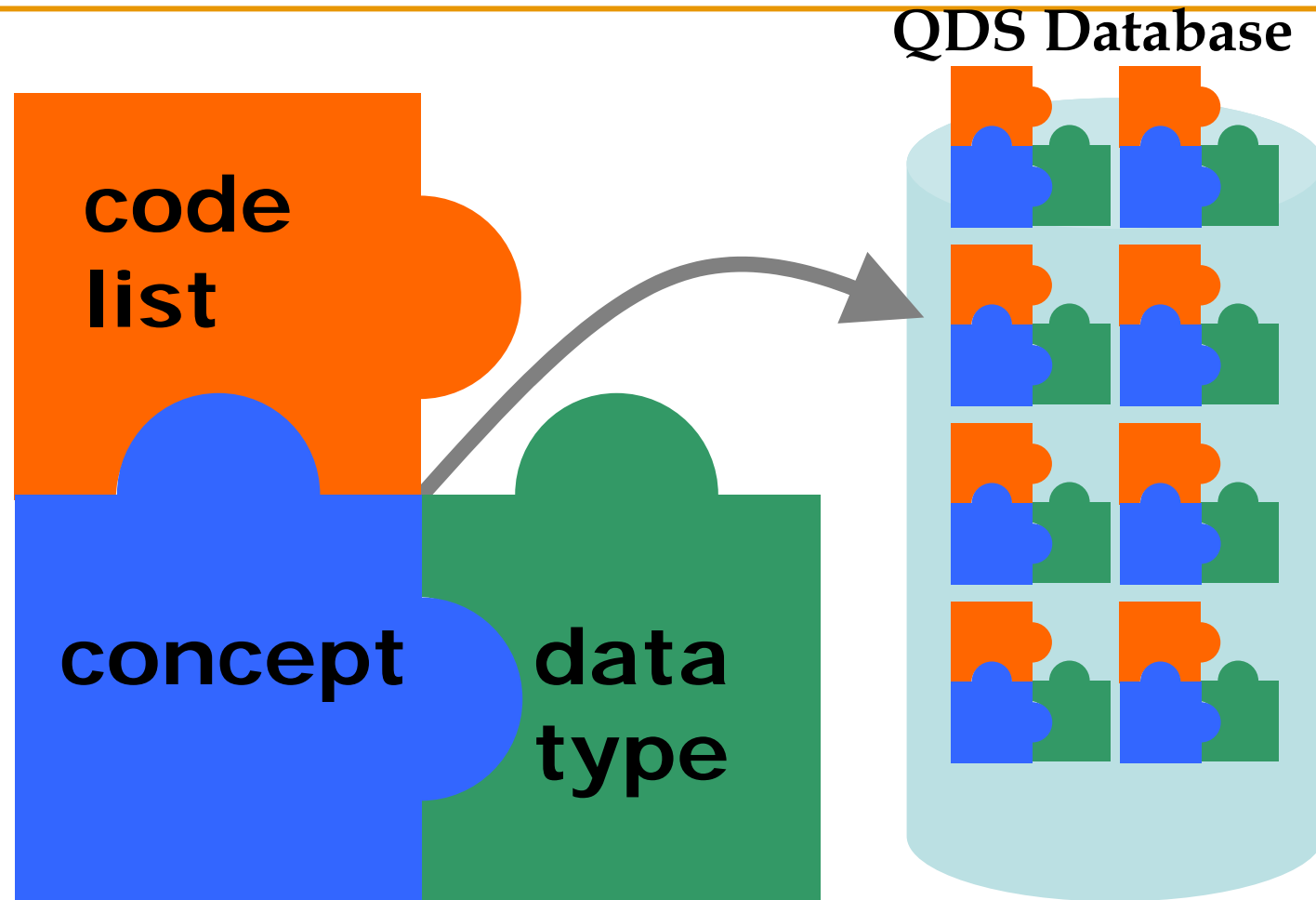
QDS element



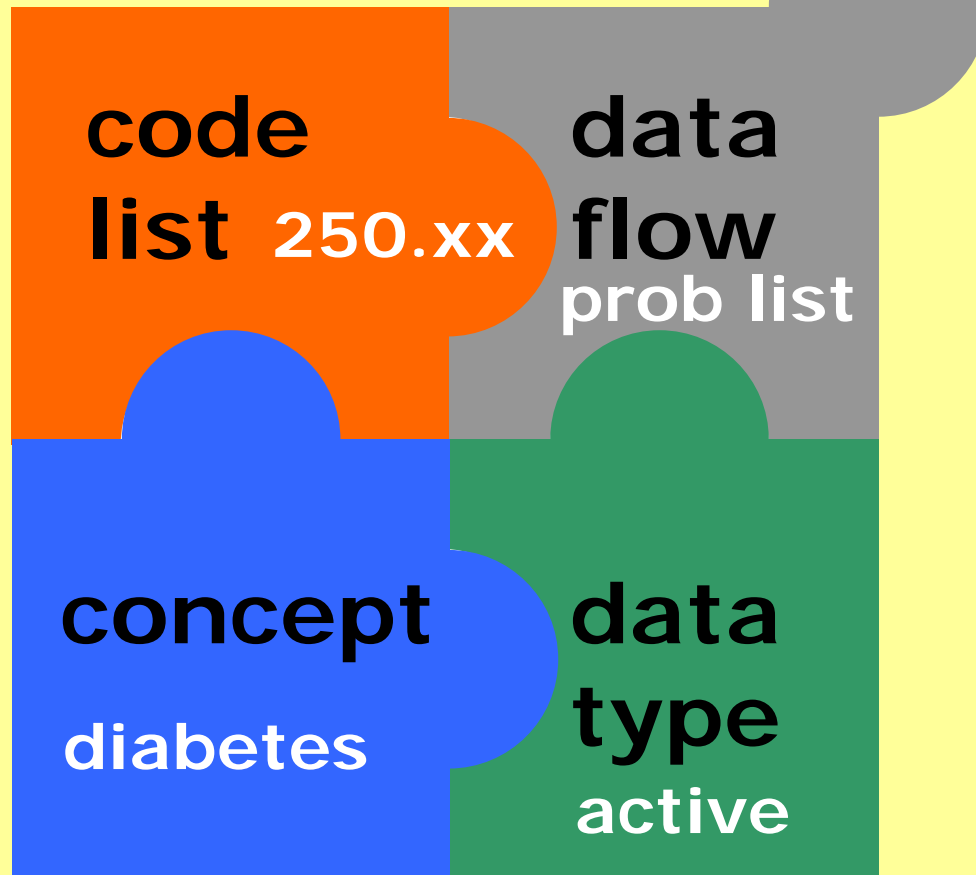
Examples of QDS Data Elements **NQF**

THE NATIONAL QUALITY FORUM





QDS elements stored in database for reuse across QM/CDS



Quality Measure

Guideline
Developers



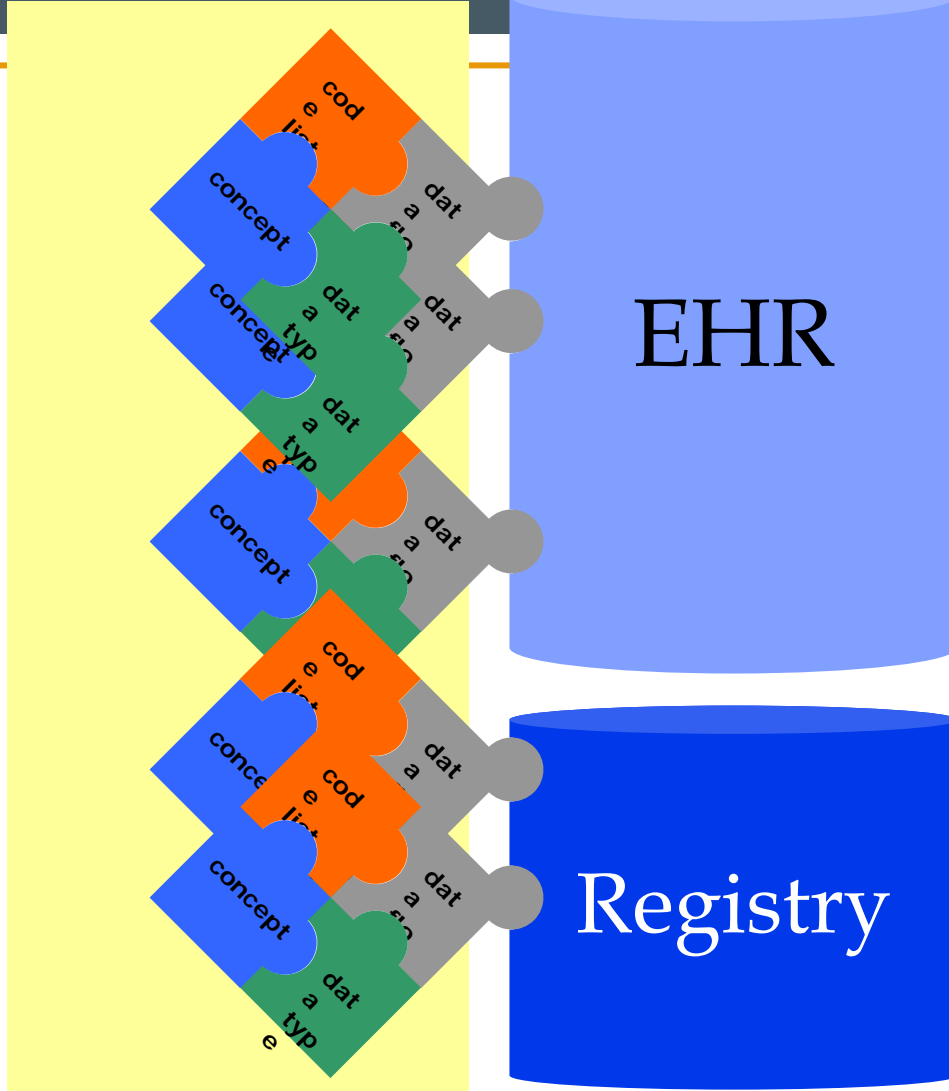
QM/CDS
Developers



EHR, HIE,
Registry

NQF

THE NATIONAL QUALITY FORUM

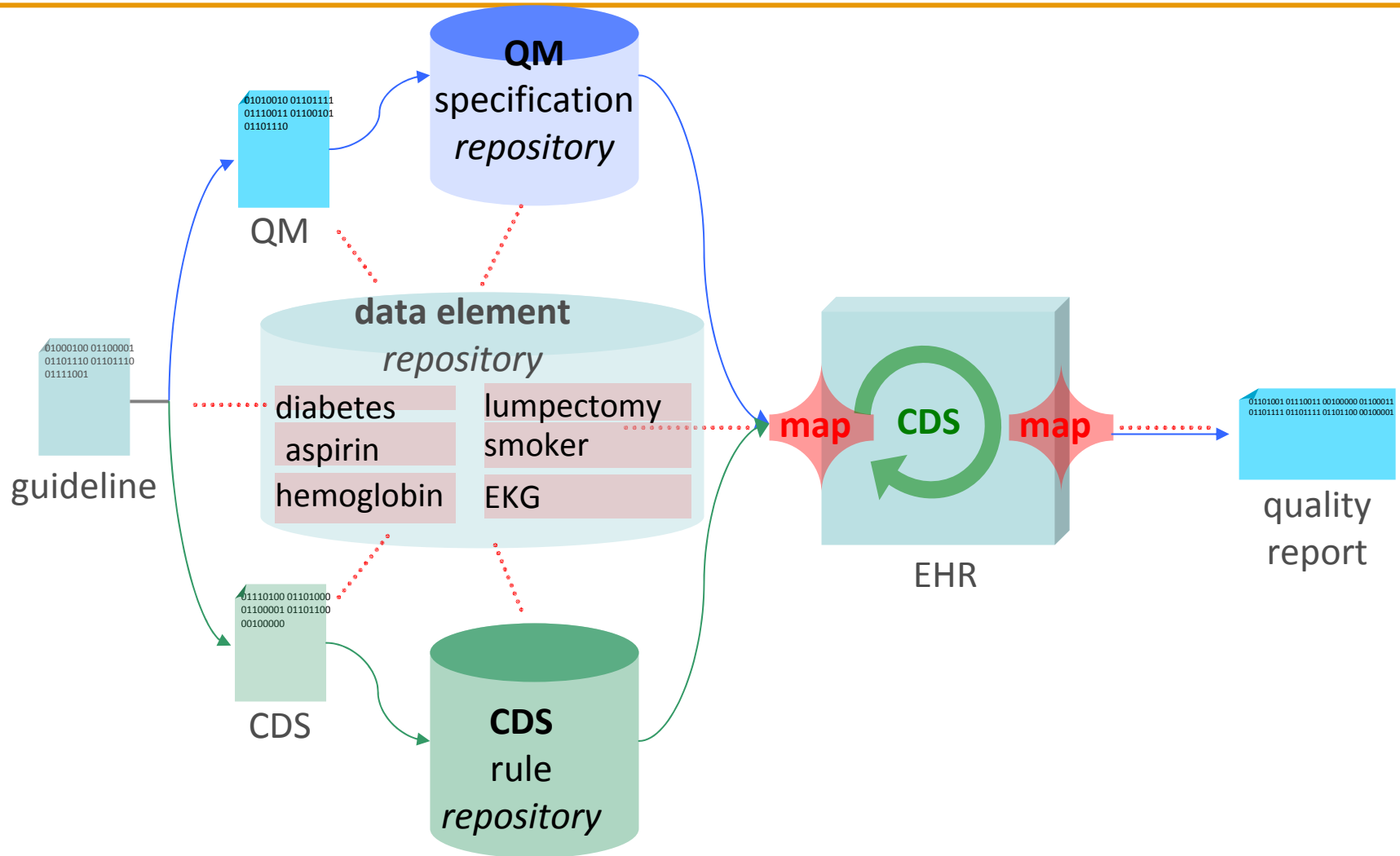


QM/CDS

www.qualityforum.org

For more information

Ideal State: Shared Supply Chain



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- Electronic exchange of health information to improve the quality of health care, such as promoting care coordination
- DHHS Secretary identifies quality measures
- Policy and Standards Committees provide advise
 - Recommended measures aligned with National Priorities and most are NQF-endorsed measures
 - Measure retooling underway

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