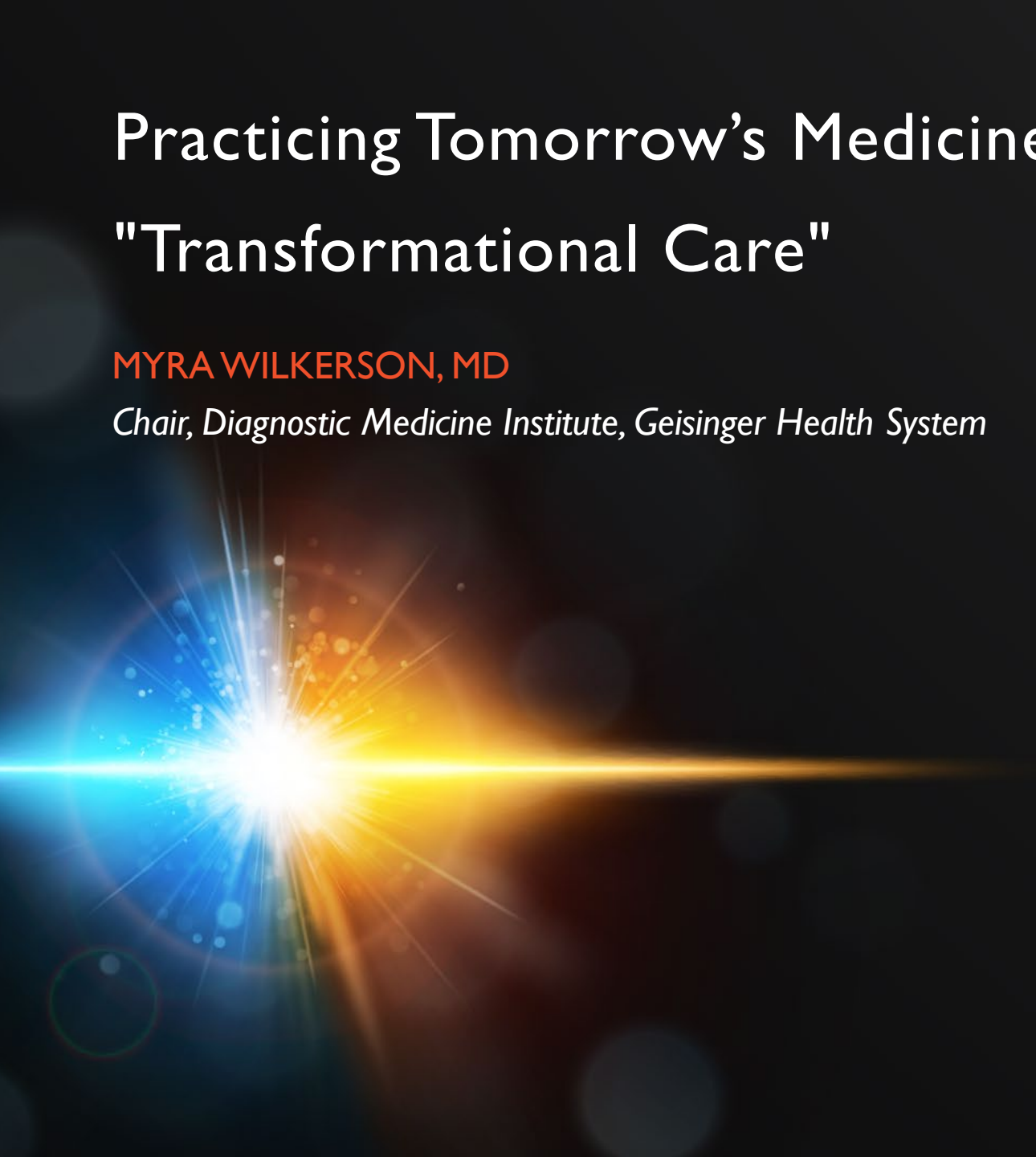
Practicing Tomorrow's Medicine - Clinical Lab 2.0 Driving "Transformational Care"

MYRA WILKERSON, MD

Chair, Diagnostic Medicine Institute, Geisinger Health System



CONVERGENCE

Pathology, Laboratory Diagnostics and Population Health

CLINICAL LAB 2.0

A PROJECT SANTA FE FOUNDATION INITIATIVE

Practicing Tomorrow's Medicine: Clinical Lab 2.0 Driving Transformational Care

Myra Wilkerson, MD
Geisinger Health

Disclosure

Project Santa Fe Foundation

A 501c3 not-for-profit that is a coalition of laboratory leaders, coming together to create a disruptive value paradigm and explore alternative business models that expand the role of diagnostic services in the future healthcare ecosystem.

- I am a founding member
- I serve on the executive board
- I serve as the treasurer
- I do not receive any financial compensation or benefits, only a great deal of personal and professional satisfaction!

CMS Innovation Center Vision and 5 Strategic Objectives

Medicare 2030

CMS Innovation Center 2021 Strategy Refresh: Putting All Patients at the Center of Care. Available at: https://www.cms.gov/priorities/innovation/about/strategic-directions

What opportunities will this create for laboratories to add value?

Medicare 2030

- Estimates indicate an additional 30 million beneficiaries attributed to an accountable care entity
- Requires new payment incentives to support delivery of integrated, equitable person-centered care
- Need new support for providers to deliver more accessible and convenient care that is integrated across providers and settings
- Focus on Part D Senior Savings Model that lower out-of-pocket costs for drugs and increases utilization of biosimilar and generic drugs (opportunity for pharmacogenomics testing)
  - National spending on clinical lab testing services in 2022 was $124 billion[1]
  - National spending on prescription drugs in 2022 was $405 billion[2]
- CMS is partnering with the Health Care Payment Learning and Action Network to ensure successful implementation of goals around multi-payer alignment
- New metrics to assess CMS Innovation Center impact

1. Klipp J. Size and Structure of the U.S. Clinical Laboratory Testing Market. In: Kaufman J, Raichle L. U.S. Clinical Laboratory Industry: Forecast and Trends 2023-2025.Poughkeepsie, NY: Laboratory Economics; 2023.
2. Centers for Medicare and Medicaid Services. National Health Expenditures 2022 Highlights. Available at: https:www.cms.gov/files/document/highlights.pdf

Federal Health IT Strategic Plan

Where should we focus?

Goal 4: Connect healthcare with health data

Goal 3: Build a secure, data-driven ecosystem to accelerate research and innovation

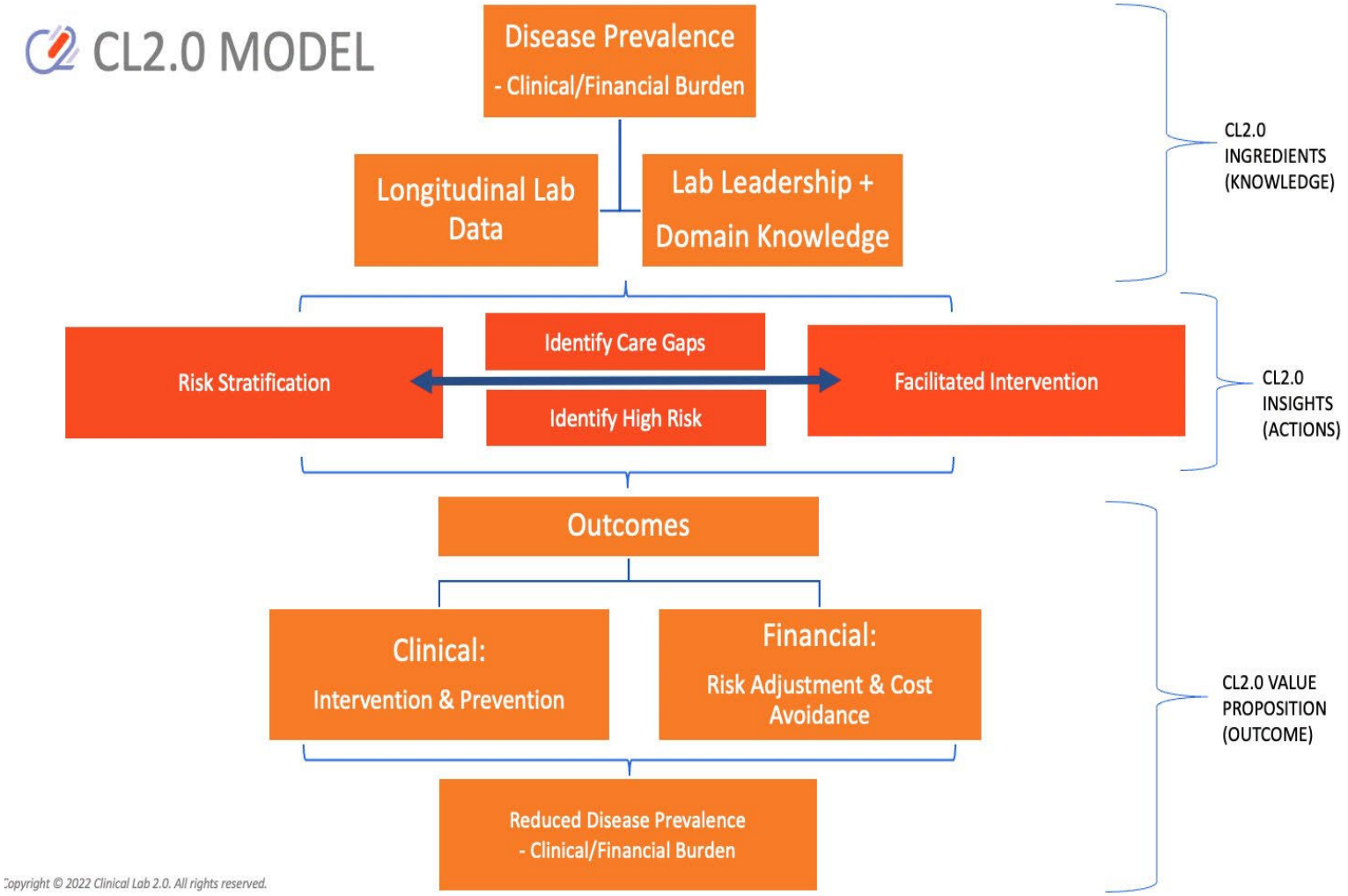
Goal 2: Enhance the delivery and experience of care

Goal 1: Promote health and wellness

The Office of the National Coordinator for Health Information Technology. 2020-2025 Federal Health IT Strategic Plan. October 2020. Available at: https://www.healthit.gov/topic/2020-2025-federal-health-it-strategic-plan

Lab-Initiated Care Models

- High prevalence conditions
- Laboratory Leadership
- Key Partnerships
  - Patient advocacy, health care providers, health care administrators, payers, IVD vendors, community leaders
- Clinical Protocols
  - Testing cascade; diagnostic pathway
- Workflow & facilitated interventions
- Shared accountability
- Measurable and attributable outcomes
- Policy impacting clinical protocols & workflow



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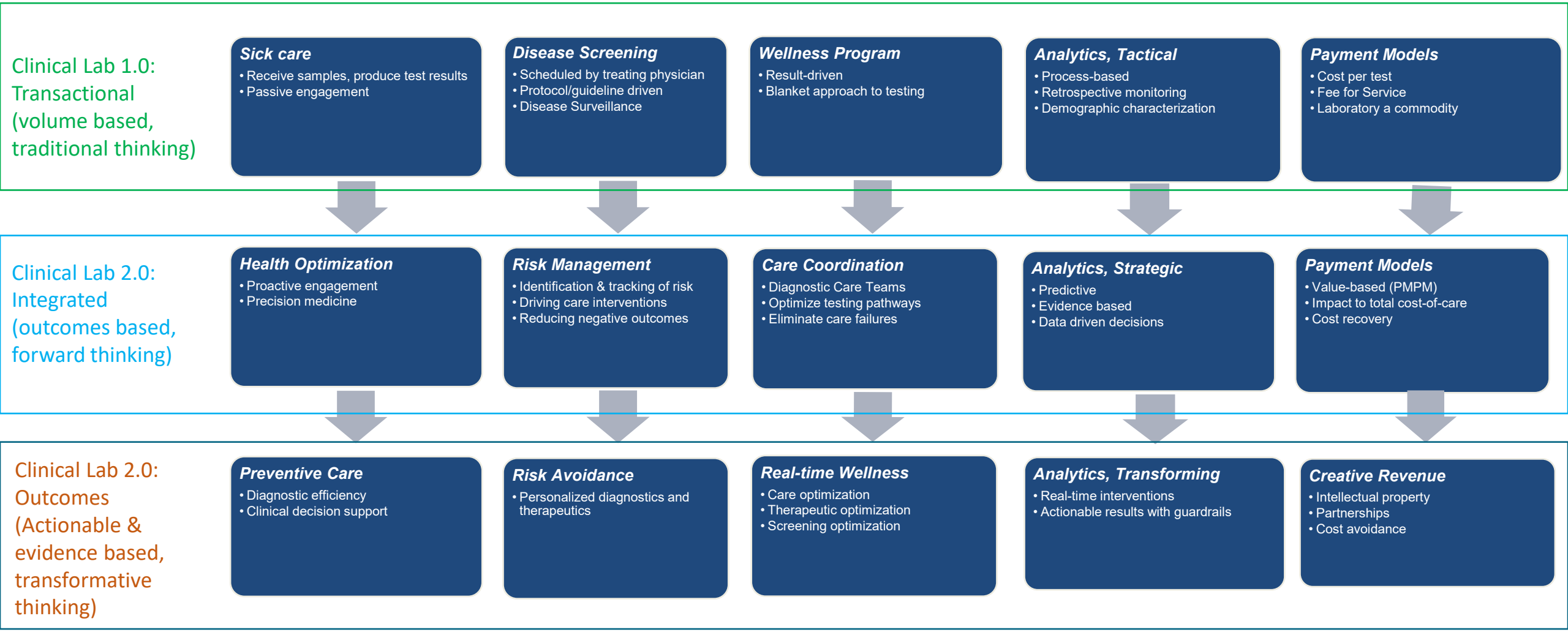
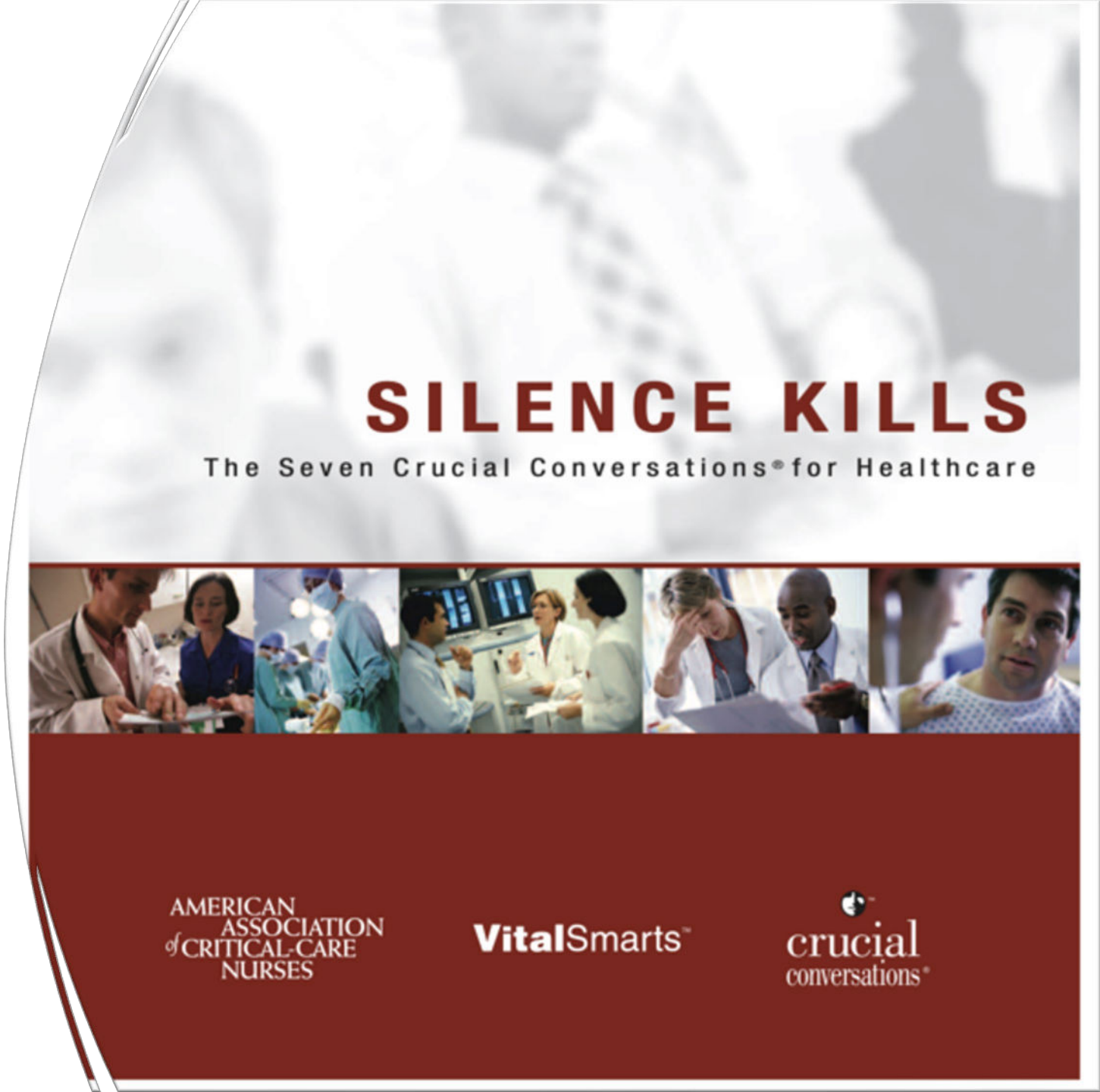
CL2.0: Laboratories Practicing the Medicine of Tomorrow

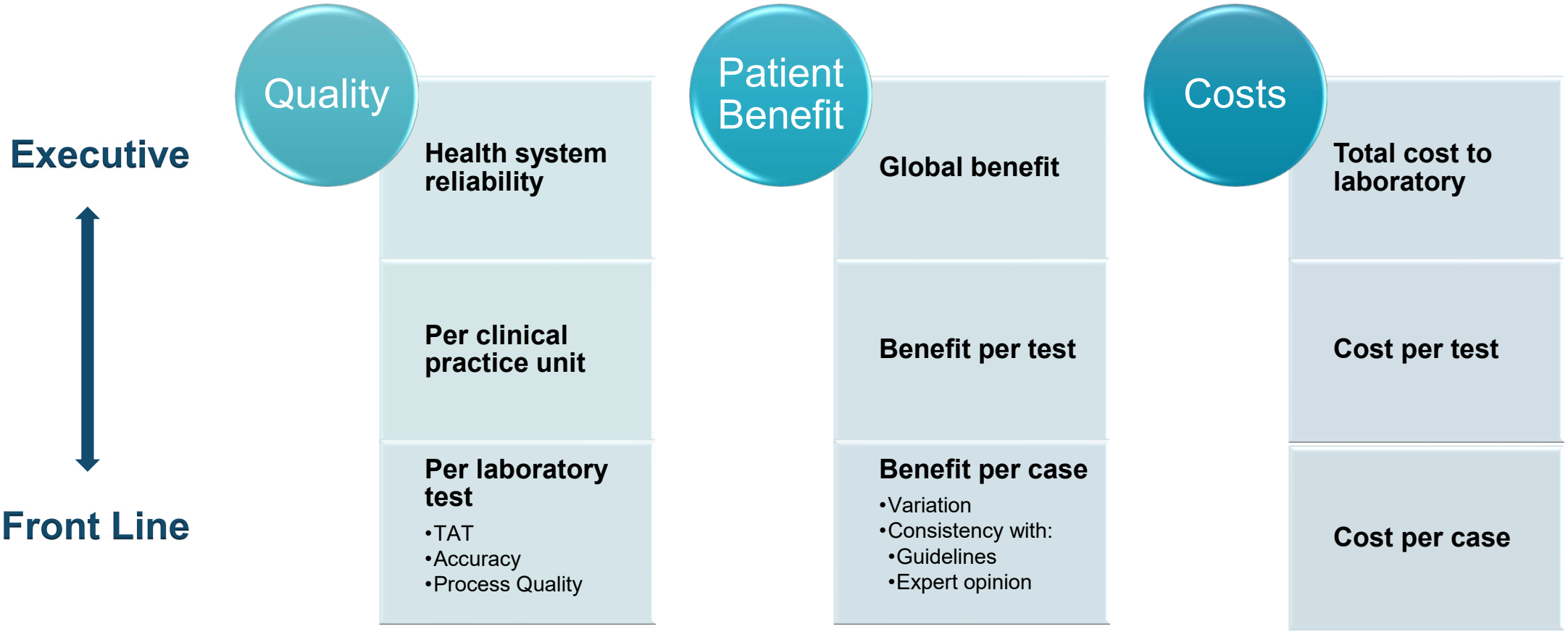


Seven Most Crucial Concerns for Healthcare

- Broken rules
- Mistakes
- Lack of support
- Incompetence
- Poor teamwork
- Disrespect
- Micromanagement



Laboratory Data Analytics: what should we be measuring to assess value?



Adapted from: Jackson B. Data Analytics. Pathology Informatics 2015. Entire presentation available on-line in the Pathology Informatics meeting archives.

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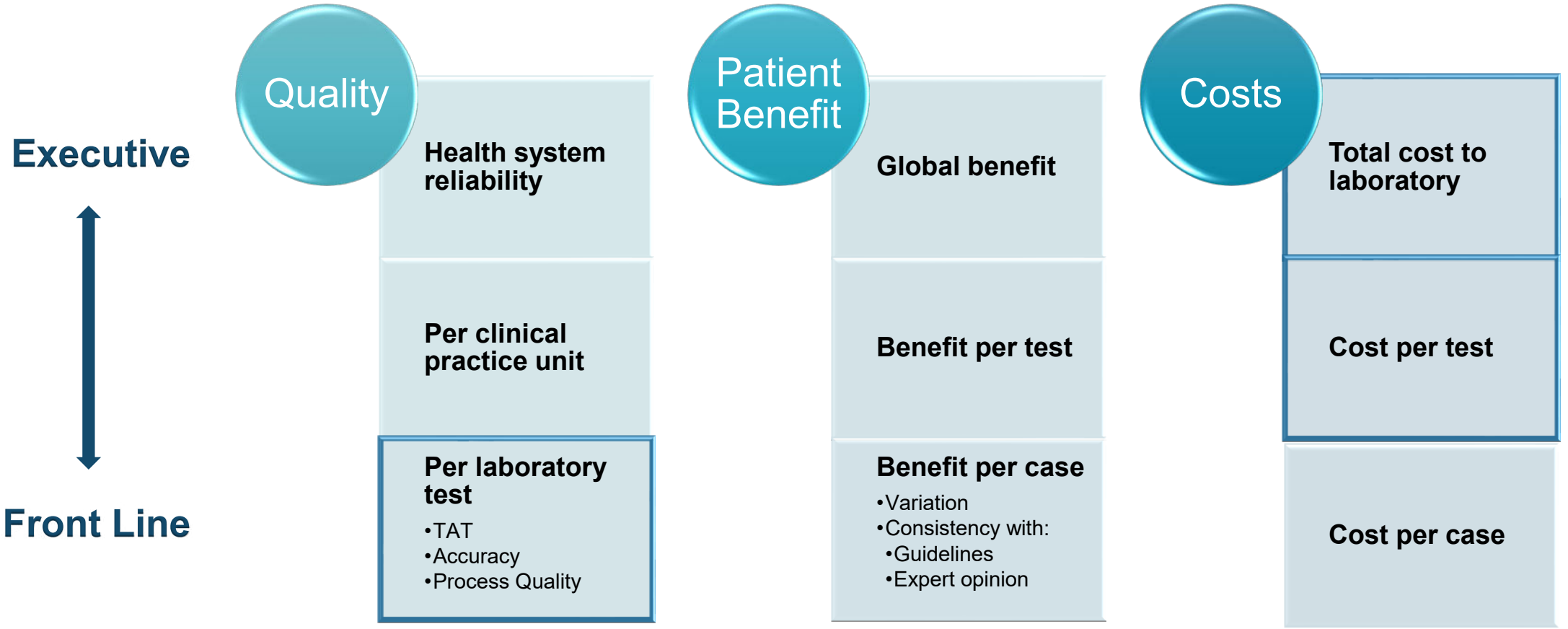

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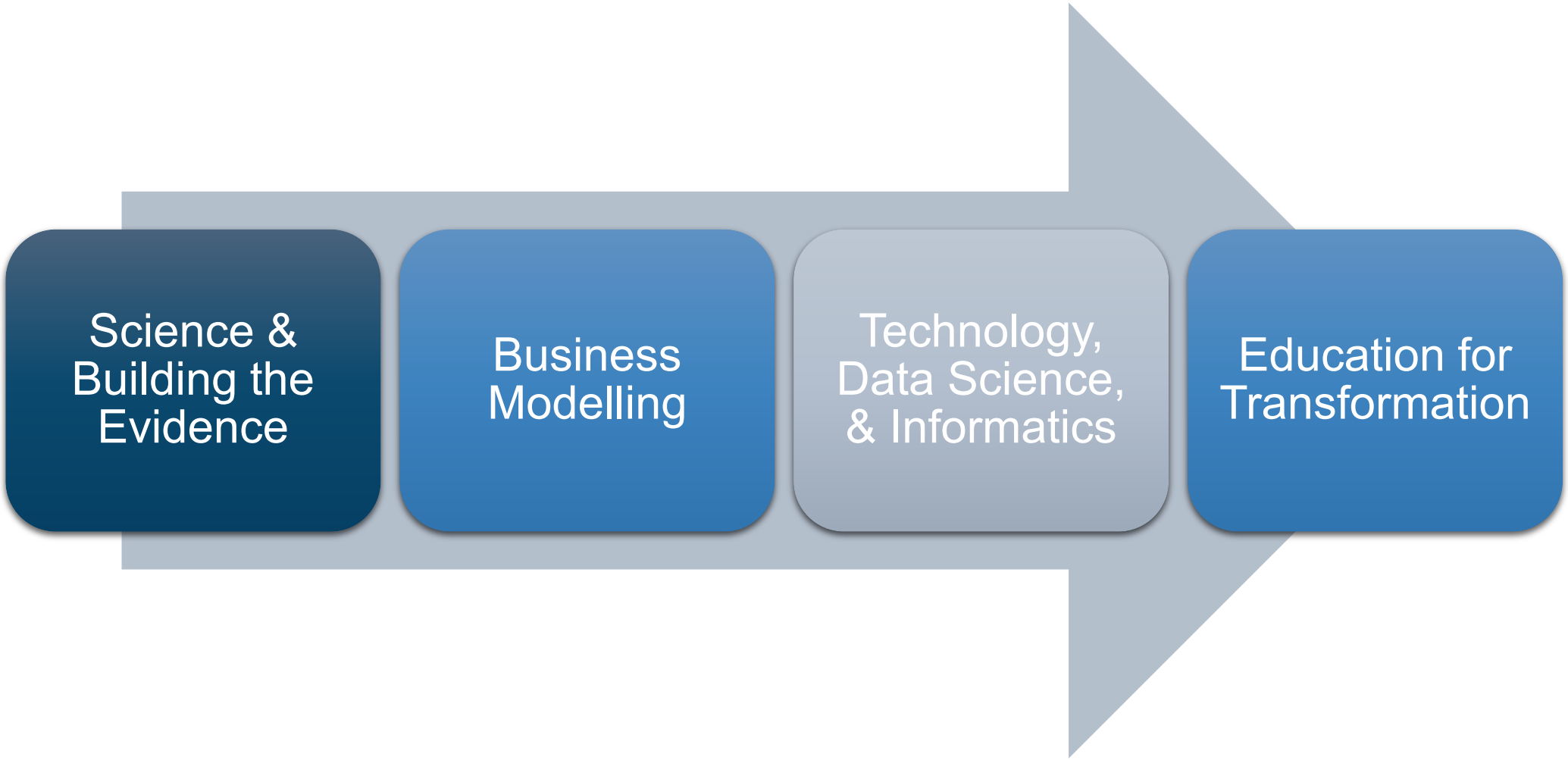
What is the CL2.0 focus this year?

Building for Tomorrow



What is on our To-Do List?

- Assist laboratories to define customers and provide tools to assess their needs and capabilities
- Design an implementation playbook for CL2.0 with multiple options that can be locally customized
- Facilitate CL2.0 implementation through training, education, and project management
- Define measures for demonstrating value, whole person health, and decreasing risk to individuals and in populations
- Provide tools for collecting, aggregating, and returning actionable data
- Provide tools for assessing success and promoting continual improvement

Constantly reevaluate the industry and regulatory environment, form new partnerships, and facilitate continuous learning because there is always a new tomorrow

Clinical Lab 2.0 Committees in Action

FACILITATOR: JAMES CRAWFORD, MD, PHD

Professor and Chair Emeritus, Department of Pathology and Laboratory Medicine, Northwell Health

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Clinical Lab 2.0 Committees in Action

Multi-Institutional Demonstration Projects

KATHLEEN SWANSON, MS, RPH

Project Manager, Pillar 3 Demonstration Projects, Project Santa Fe Foundation

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