



CDC OneLab Virtual Summit 2022

Elevating Connections, Building Bridges in Adversity

Tuesday, April 19 to Thursday, April 21 EDT



Resilience: Bouncing Forward

Hassan Aziz, PhD, FACSs, MLS(ASCP)^{cm}

ASCLS President

Dean and Professor

Word of the Pandemic



What is
resilience?



Resilience

One's personal or a team's capacity, recovery, adjustability, or elasticity. The ability to recover from or adjust easily to adversity or change. The ability to act and adapt in the face of adversity and constraint. Isn't about bouncing back, it's about bouncing forward

Resilience

One's personal or a team's **capacity, recovery, adjustability, or elasticity**. The ability to recover from or adjust easily to adversity or change. The ability to act and adapt in the face of adversity and constraint. Isn't about bouncing back, it's about bouncing forward

Resilience

One's personal or a team's **capacity, recovery, adjustability, or elasticity**. The ability to **recover from or adjust easily to** adversity or change. The ability to act and adapt in the face of adversity and constraint. Isn't about bouncing back, it's about bouncing forward

Resilience

One's personal or a team's **capacity, recovery, adjustability, or elasticity**. The ability to **recover from or adjust easily to** adversity or change. The ability to **act and adapt** in the face of adversity and constraint. Isn't about bouncing back, it's about bouncing forward

Resilience

One's personal or a team's **capacity, recovery, adjustability, or elasticity**. The ability to **recover from or adjust easily to** adversity or change. The ability to **act and adapt** in the face of adversity and constraint. Isn't about bouncing back, it's about **bouncing forward**

The background features a series of overlapping, wavy, ribbon-like shapes in shades of blue and teal, creating a sense of motion and depth. The colors transition from a deep blue on the left to a lighter teal on the right.

Crisis Time Frames



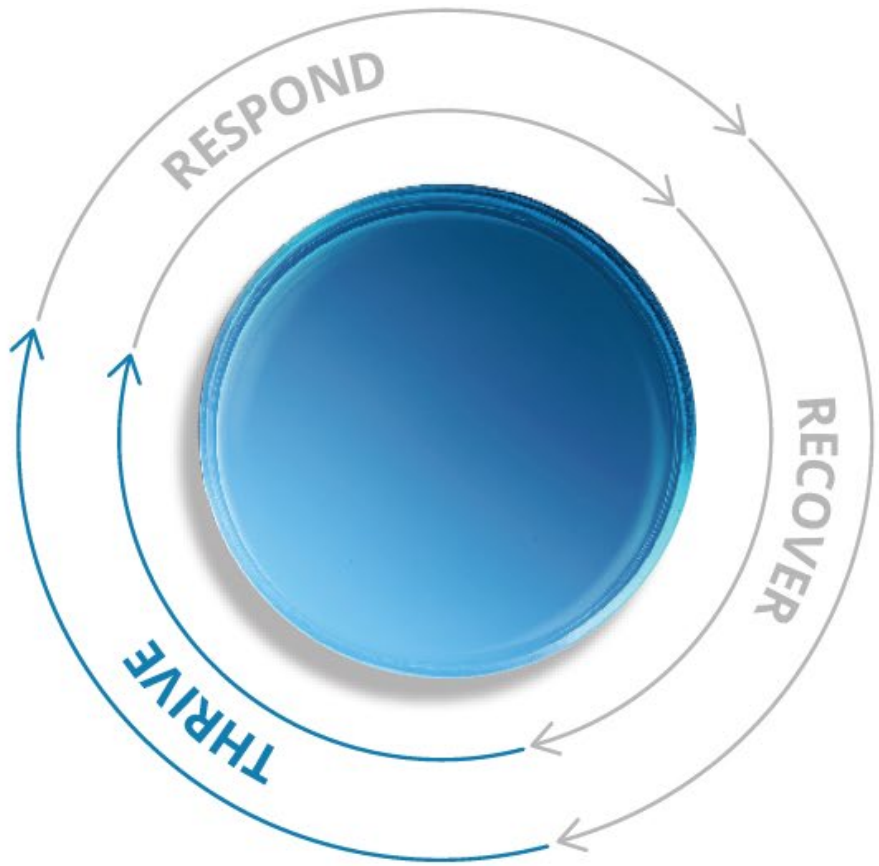
Respond

How an organization deals with the present situation and manages continuity



Recover

How an organization learns and emerges stronger



Thrive

How an organization prepares for and shapes the “new normal”

COVID has taught us:

Unlike *quarantine* and *social distancing*, ***resilience*** is going to be just as relevant when the pandemic is over

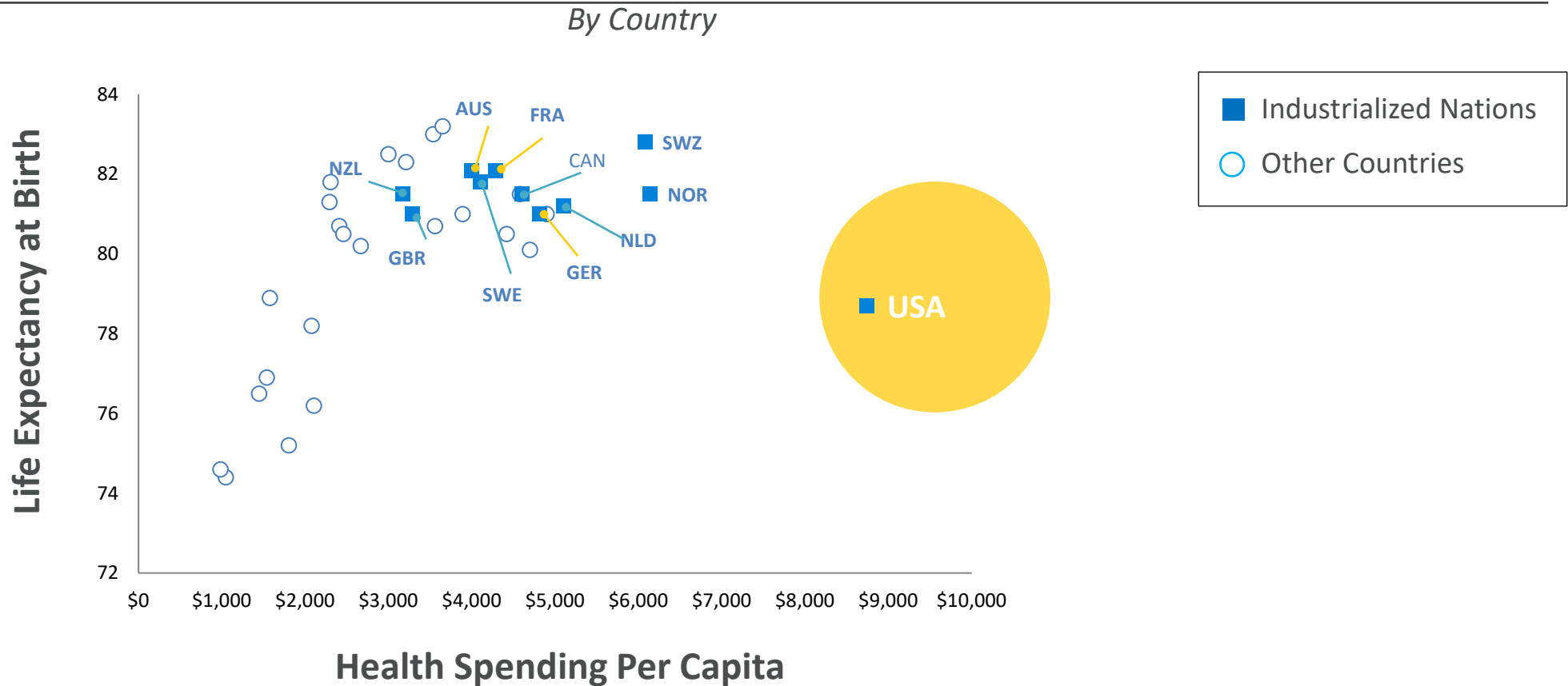
Resilience is our immune system for the inevitable ups and downs of life

Like the immune system, hostile agents are always there and always coming at us

Need for ***resilience*** is endless

Change is Inevitable

Life Expectancy at Birth and Health Spending Per Capita



In Healthcare, the Only Constant is Change

“Healthcare will experience more change in the next 10 years than it has over the past 50 years.”

—Jeffery Bauer, PhD,
Medical Futurist & Economist

Over the next 5 years, the following changes to U.S. healthcare delivery organizations nationwide could be realized:

- 35%** will cease to exist as currently organized
- 40%** will exist as currently organized...precariously
- 25%** will thrive by fixing the way care is delivered

The Laboratory:

Prompts or confirms majority of healthcare costs

Touches every patient's care in nearly every care setting

Is a core competency in every healthcare system and a critical element in population health

LABS GENERATE

70%

OF THE OBJECTIVE
INFORMATION IN A
PATIENT'S MEDICAL
RECORD

Given the above...

Why has the lab's value been under-recognized?

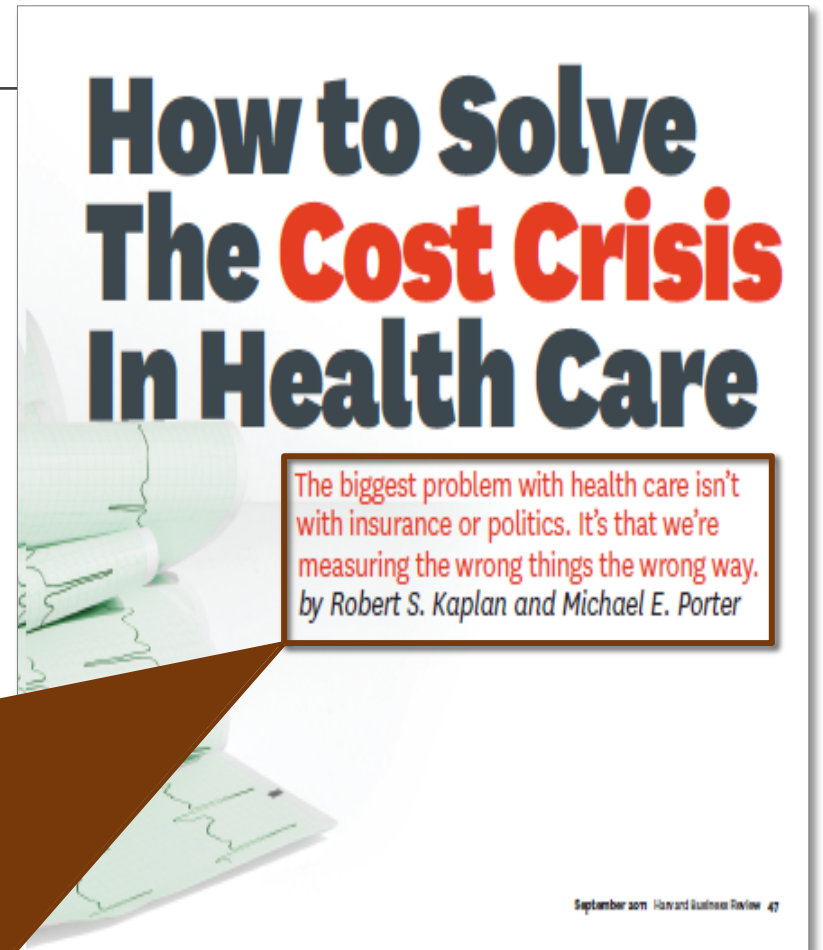
U.S. Healthcare System Cost Crisis

Healthcare in U.S. is the largest industry in the world

Reimbursed on a fee-for-service basis, which allowed it to remain:

- Fragmented
- Transaction centric

Distorted perceptions of cost/value



“The biggest problem with health care isn’t with insurance or politics. It’s that we’re measuring the wrong things the wrong way.”

— Robert S. Kaplan and Michael E. Porter

Measuring our Value

Measuring the wrong things

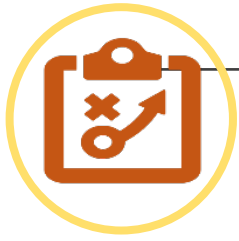
- Test prices in isolation
- Impact on:
 - ✓ Delays in care
 - ✓ Misinformation from non-aligned outsourced lab providers
 - ✓ Non standardized and fragmented diagnostic data

We need to reposition the perceptions of the lab

Measuring the wrong way

- Measuring line-item costs rather than total value
- Measuring by budgetary silos rather than measuring total value
 - Service level impact on other clinical services lines
 - Outcomes & aggregate cost of patient care

Learning from Peers



Pharmacy

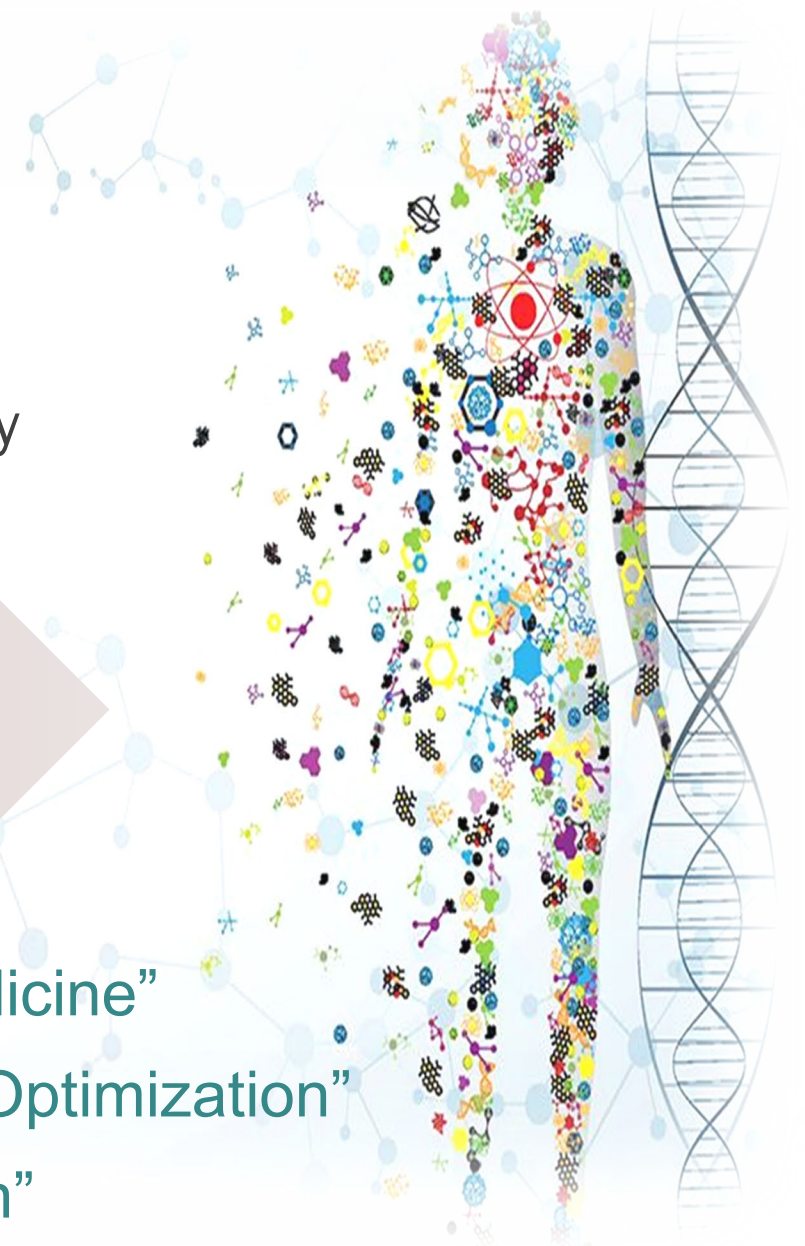
Lab's opportunity is greater because of its ability to serve the continuum of patient care

CONTINUUM OF PATIENT CARE



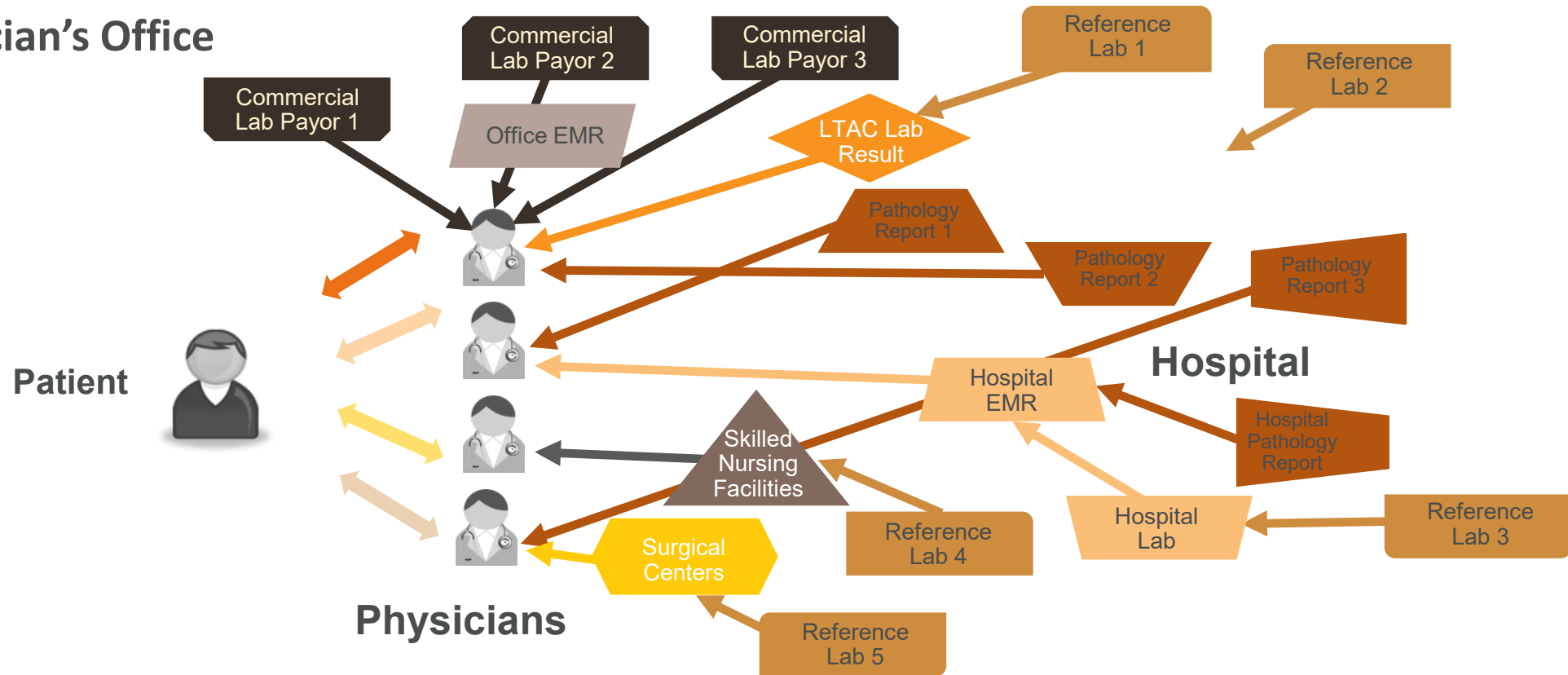
Precision Medicine

- “Laboratory Industry” → “Laboratory Medicine”
- “Utilization Management” → “Diagnosis Optimization”
- “Lab Outreach” → “Diagnostic Integration”

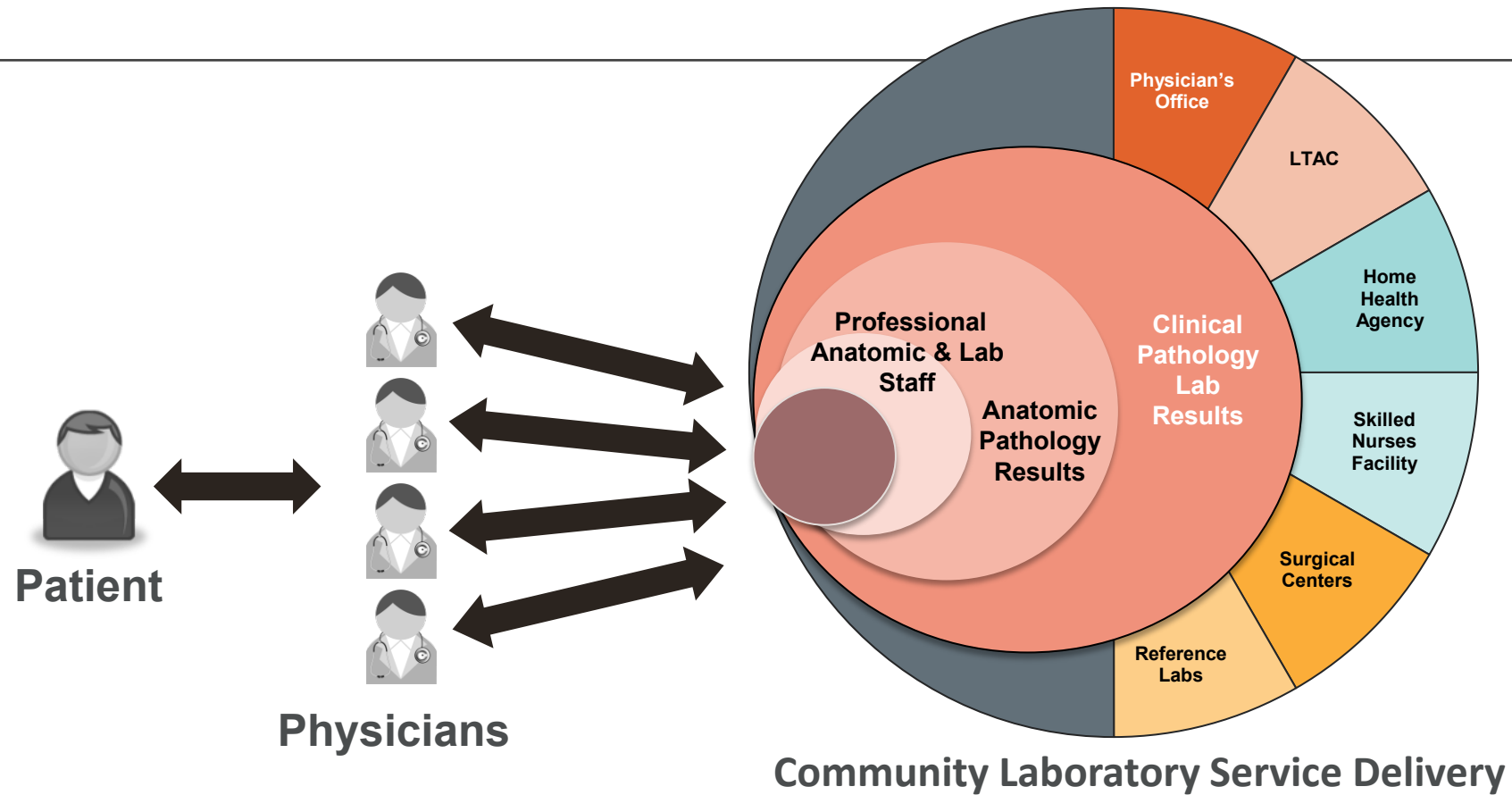


We Must Move from a Fragmented and Transaction-Centric Diagnosis Model...

Physician's Office

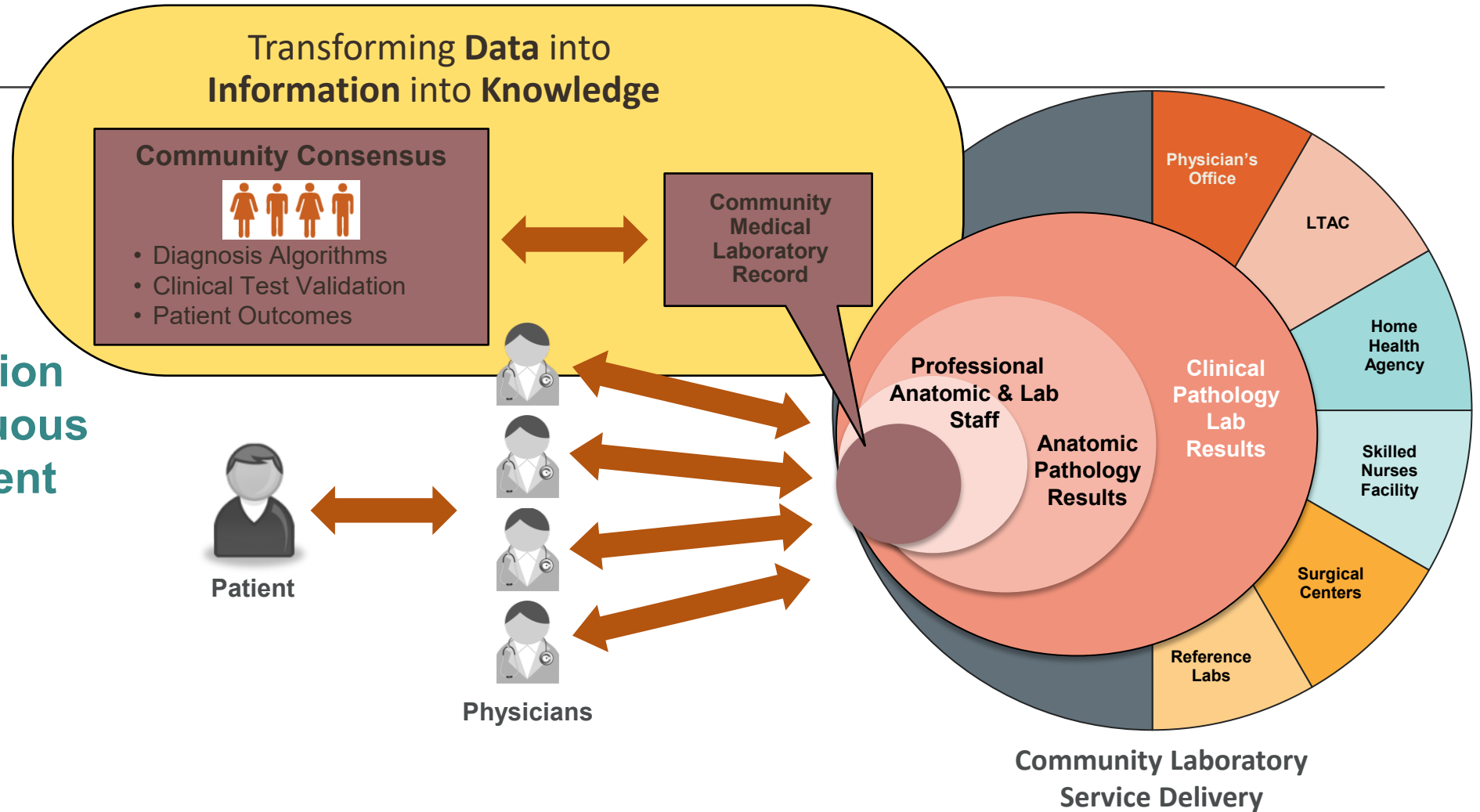


...to an Integrated and Patient-Centric Diagnosis Model

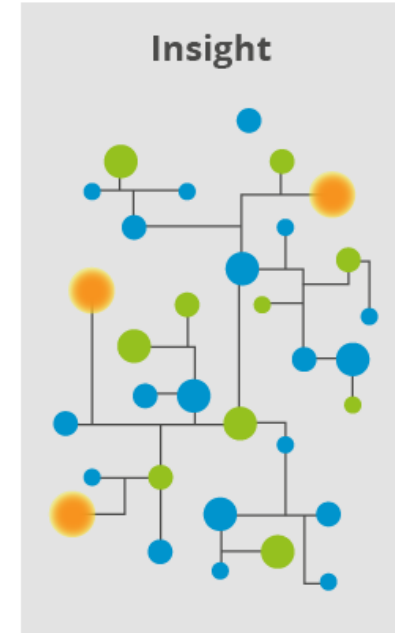
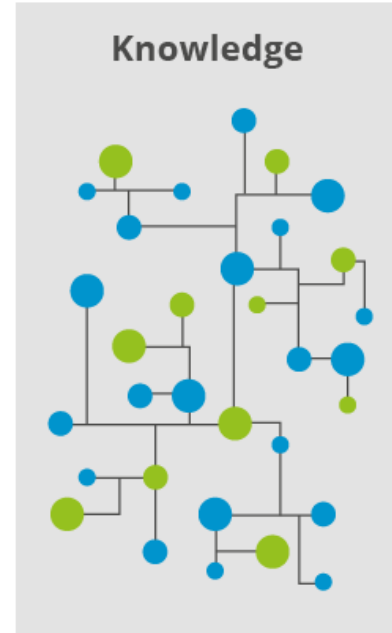
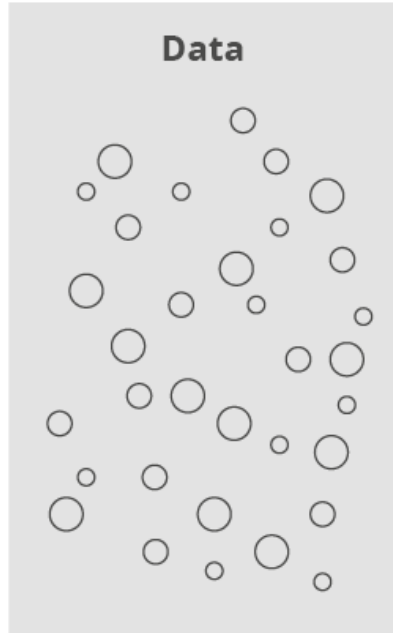


Integrated and Patient-Centric Diagnosis Model

Enhances population health and continuous clinical improvement efforts



Value of the Laboratory



Every next level of your life
will demand a different you.

How to Join General Sessions

Thanks for attending the keynote!

The keynote and general sessions are separate links.

Use the link in the Zoom chat to join the general session.

The next session starts at **2:00 PM EST.**