

# HIMSS<sup>®</sup>18 *Eurasia*

EMRAM Educational Conference &  
Health IT Exhibition



## From Data to Actionable Insights- When it matters!

Dr. Manish Kohli, MD, MPH, MBA, FHIMSS  
Chairman, HIMSS Global Board of Directors

 @ Speaker twitter handle

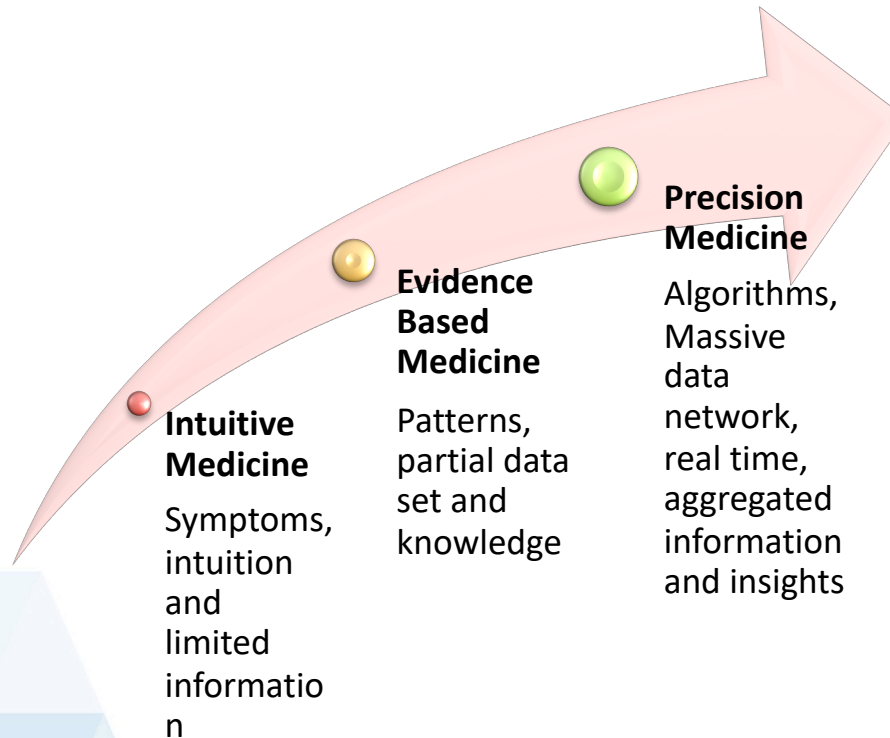
25-27 October 2018  
Pullman Hotel Yenibosna  
**ISTANBUL, TURKEY**

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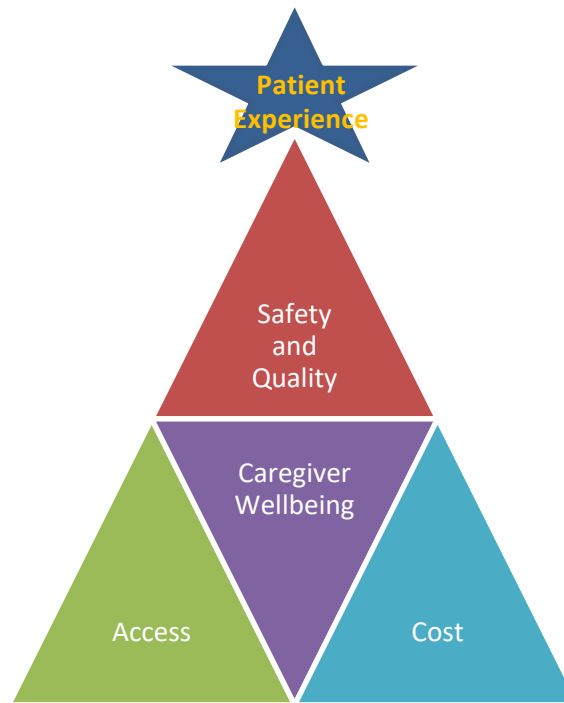
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# Intuition to Precision: A Paradigm Shift



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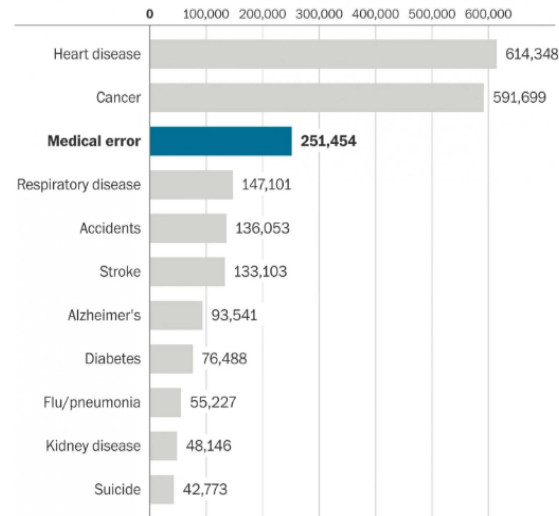
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# The problem has worsened – 2016


## Death in the United States

Johns Hopkins University researchers estimate that medical error is now the third leading cause of death. Here's a ranking by yearly deaths.



Source: National Center for Health Statistics, BMJ

THE WASHINGTON POST

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## Healthcare delivery has become far more complex...

- Data overload
  - Too many data points
    - 24M articles; 2100 new articles/day
    - Structured vs Unstructured
    - Not organized, contextualized
  - Signal to noise ratio
    - 2.5M alerts in 1 month for 5 ICUS with average daily census of 66 patients
- Less time with patients
  - How does a doctor or nurse process the huge amount of data to ensure care that safe, effective, efficient, timely, patient centered and equitable?
  - Health and Care are lost in the complexity

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## Impact of Burnout: Opportunity Cost and Cost

- Absenteeism
  - US: 1 million missed workdays daily due to stress
- Presenteeism and Engagement
- Productivity and performance
- Medical and Mental Health Costs
- US: \$150 – \$300 billion annually

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## Best Experience with information and technology

- Reduce burnout
- Improve productivity
- Improve turnover, retention and recruitment

To positively impact Quality, Safety, Access, Cost and Patient Experience

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## What does “great” experience look like?

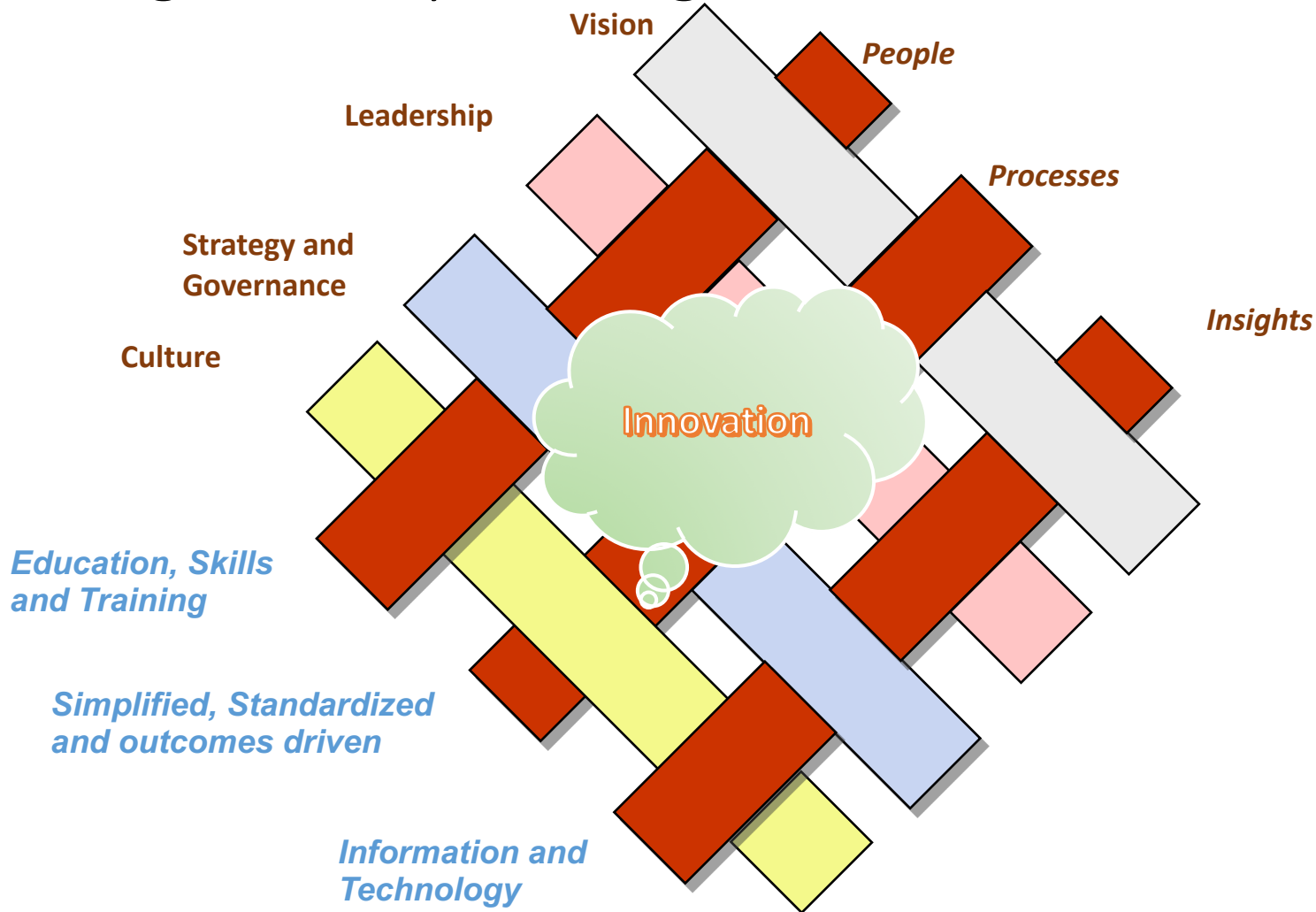
- Data *acquisition* is **simplified**, integrated and automated
- Data *retrieval* is context specific, on-demand and delivered in the form of **actionable insights** at the point of decision making
- Technology becomes the invisible factor
  - Design thinking
  - Innovation through empowerment
- Alignment
  - People, processes and technology are continually aligned to maximize clinician-patient contact time and outcomes
- Streamlined governance and decision making
- Targeted, timely, trusted communication

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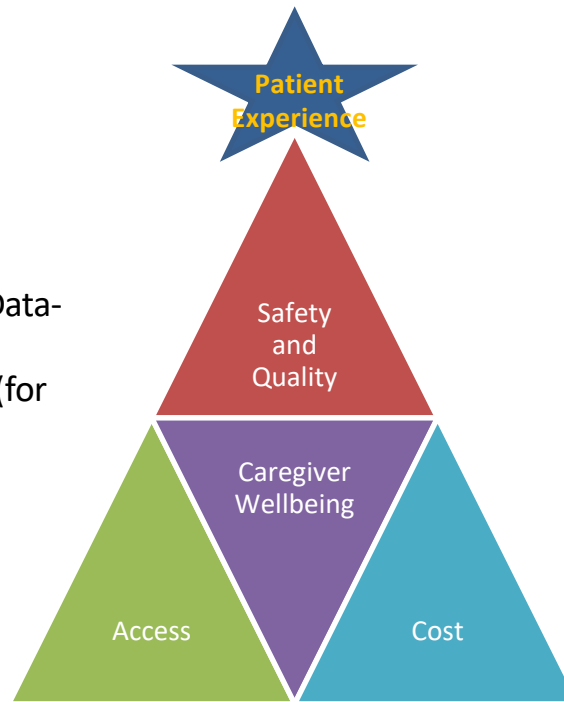




# Fabric of Safe, High Quality and High Value Care



Focus on People and Data-  
Actionable Insights  
when it matters most (for  
best outcomes)!



Simplify technology,  
Standardize content,  
Streamline governance  
and  
Support, always

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Thank you!

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