



*Partnering for the Future*



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**304 Panel:** Purchaser-Led  
Innovations in APM Adoption

OCTOBER 22, 2018

SHERATON TYSONS HOTEL

TYSONS, VA

# Welcome



## **Earl Steinberg**

*Former CEO, xG Health*

Partnering for the Future

# Panel Speakers



**Kyu Rhee**

*Chief Health Officer  
IBM*



**Michael Thompson**

*President & CEO, National  
Alliance of Healthcare Purchaser  
Coalitions*



**Judy Zerzan**

*Chief Medical Officer  
Washington State Health Care  
Authority*

# Welcome



**Kyu Rhee**  
*Chief Health Officer, IBM*

# Predicting and Inventing a New Era of Health with AI

Kyu Rhee, MD, MPP  
Vice President & Chief Health Officer  
IBM Corporation and IBM Watson Health

2018 Health Care Payment (HCP) – Learning and  
Action Network (LAN) Fall Summit  
Tysons, Virginia  
October 22, 2018



# Assuring a CULTURE of HEALTH@IBM

## Safety

A1	Office & General Workplace
A2	Building Design & Operation
A3	Accident & Incident Management
A4	Ergonomics
A5	Transportation Safety
A6	Manufacturing & Research
A7	Contractors & Vendors
A8	Non-IBM Environments
A9	Acquisitions & Outsourcing
A10	IT Maintenance

## Medical

B1	Clinical Services
B2	Medical Case Management
B3	Occupational Injury & Illness Management
B4	Sick Leave & Disability Coverage
B5	Travel Health & Events
B6	Executive Health
B7	Food & Water Safety
B8	Emergency Preparedness & Response
B9	Evidence-Based
B10	Special Programs

## Health Benefits

C1	Primary Care
C2	Medication Coverage
C3	Behavioral Health
C4	Maternity & Reproductive Health
C5	Newborn & Pediatric Health
C6	Elder Health
C7	Emergency Care
C8	Specialty Care
C9	Oral & Vision Health
C10	Target Populations & Conditions

## Health Promotion

D1	Health Risk Assessments
D2	Active Living
D3	Healthy Eating
D4	Sleep & Rest
D5	Mental & Emotional Well-Being
D6	Preventing Tobacco, Alcohol, & Drug Abuse
D7	Injury & Violence Free Living
D8	Infection Prevention
D9	Clinical Prevention
D10	Engagement Strategies

## Foundational Principles

E1	Leadership & Public Policy Influence
E2	Talent

E3	Legal & Regulatory Compliance and Controls
E4	Population Health, Analytics, & Quality Improvement
E5	Learning

E6	Health Information Management
E7	Communication
E8	Business Support

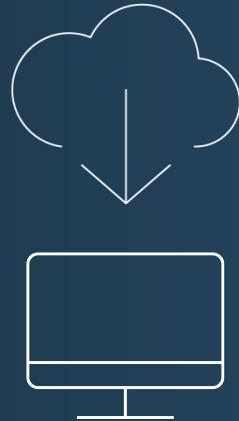
E9	Partnerships
E10	Innovation



# 5 More Cs for Delivering Change in this New Era of AI...



**Content**



**Cloud**



**Collaborations**

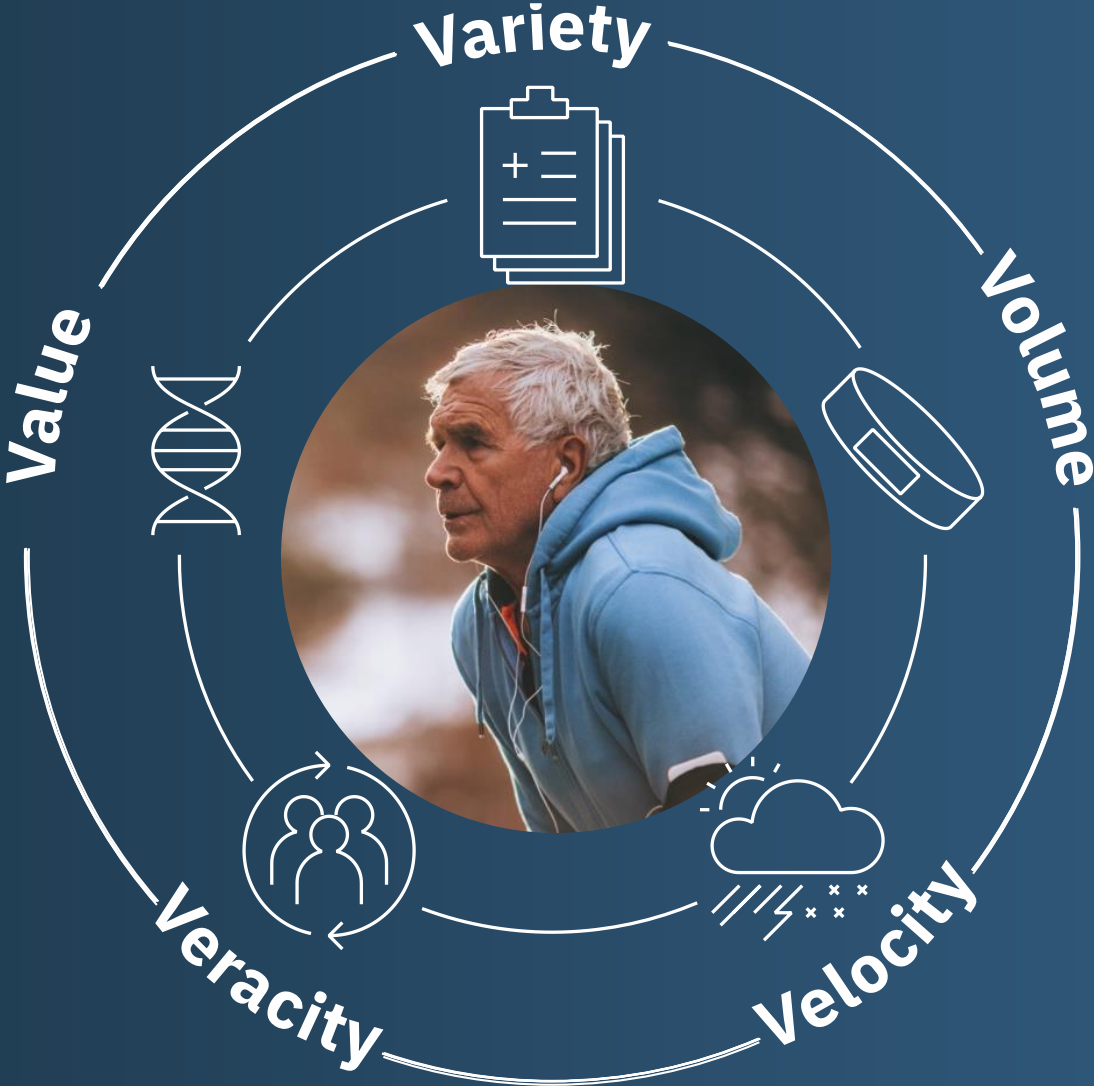


**Cognitive**



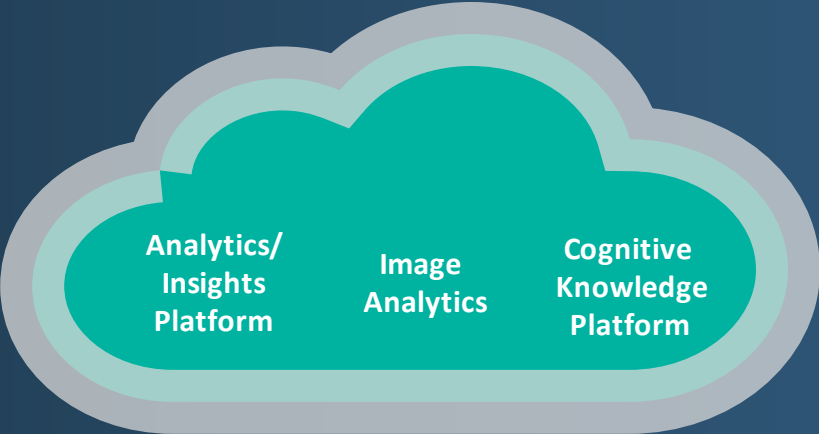
**Care Evidence**

# Translating “Big Data” CONTENT to VALUE





# Secure, Global Health CLOUD for TRUST



HIPAA Enabled/  
GxP-Compatible

End-to-End  
Security

Purpose Built for  
Health Data

Continuous  
Updates

Business Continuity/  
Resiliency



**TRUVEN**  
HEALTH ANALYTICS

**200M+**  
lives

**explorys**  
An IBM Company

**PHYTEL**  
An IBM Company

**100M+**  
patient records

**MERGE**  
Healthcare

**30B+**  
images

**1.2M**  
medical Abstracts

**40M+**  
research documents

**3B+**  
reference points

**4M+**  
drug patents

**Billions**  
of Global Data Points

# Facilitating COLLABORATIONS for the PATIENT

Patient



Provider



Payer



Pioneer



Purchaser



Product  
Manufacturer



Policymaker



# Humans + COGNITIVE for “Actionable INSIGHTS”

## Humans excel at:



Common sense



Dilemmas



Morals



Compassion



Imagination



Dreaming



Abstraction



Generalization

## Artificial Intelligence systems excel at:



Natural Language



Pattern Identification



Locating Knowledge



Machine Learning



Reduce Bias



Endless Capacity

# Leading with CARE EVIDENCE for INNOVATION/VALUE



Research



Real World Evidence



Cognitive

# Let's **PARTNER** to **INVENT** the Future...



@KyuRheeMD



@IBMWatsonHealth



Kyu Rhee-LinkedIn



[www.ibm.com/watson/health/](http://www.ibm.com/watson/health/)

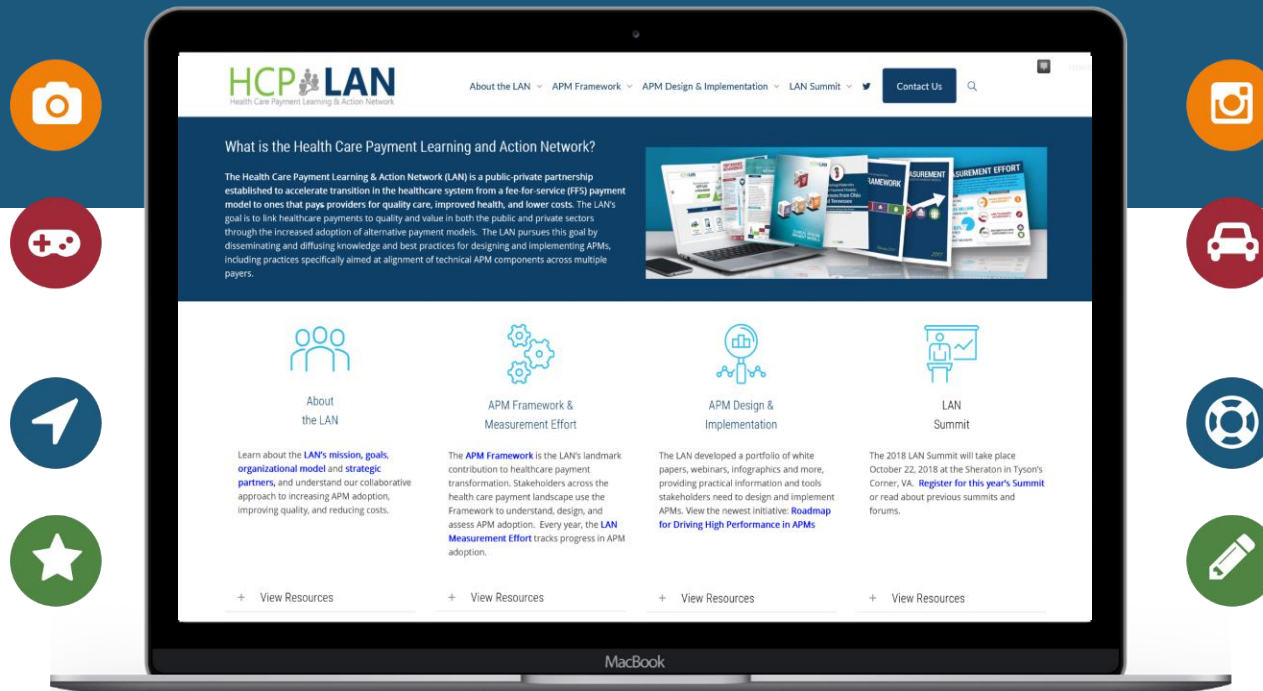
*“The best way to predict  
the future is to invent it.”*

*-Alan Kay*



# Visit the LAN Website for our Resources

<https://hcp-lan.org/>



Partnering for the Future

# Exit Survey

We want to know what you think!

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Please take a moment to complete the exit survey so we can continue to improve and enrich the LAN. Use the link in *Guidebook* for this session to provide us your feedback.



# Contact Us

We want to hear from you!



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[@Payment\\_Network](https://twitter.com/Payment_Network)



[PaymentNetwork@mitre.org](mailto:PaymentNetwork@mitre.org)



Search: Health Care Payment  
Learning and Action Network







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 **LAN SUMMIT**  
Health Care Payment Learning & Action Network

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**Thank You!**