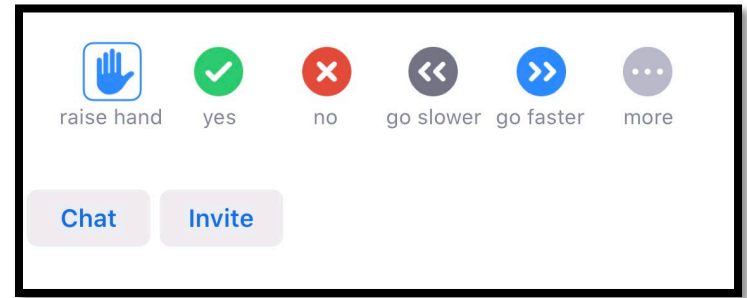




**The Need for Healthcare Systems That Can Learn Fast:  
Lessons from COVID**  
**March 11, 2021**

# Housekeeping



- **All participants are muted**
- Submit your questions in the **Q&A box**
- We will answer as many question as time allows and follow up the unanswered questions
- Use the chat box for *technical difficulties* and other questions / comments



Thank You to the Sponsor



# Our Work



Expert Roundtables  
Education Programs  
Webinars, Workshops  
Networking  
Receptions  
Surveys Reports



Recommendations  
Privacy Policy  
Comment Letters  
Policy Steering Committee (PSC)  
Capitol Hill Briefings  
HHS, FTC, OCR, Relationships  
Hill Meetings



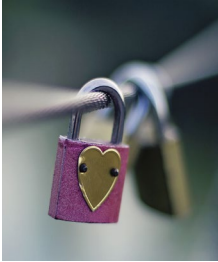
Expert Roundtables  
Advisory Boards,  
Workgroups  
Grants/ Partnerships  
HHS, FTC, OCR,  
Relationships  
Surveys, Reports  
Expert Faculty



# eHealth Initiative Members



# Current Critical Issue Areas



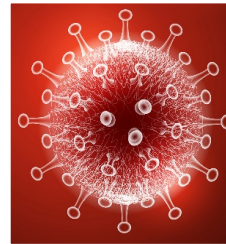
**Consumer Privacy for  
Health Data**



**Virtual Care**



**Analytics, Social  
Determinants of  
Health (SDOH) &  
Artificial Intelligence**



**COVID-19 Best  
Practices & Education**



# Important Dates

## Webinars

- *How APIs are Changing the Economics of EHR Integration* – March 17
- *2021 Industry Pulse: ONC/CMS Final Rule Compliance Requirements*- March 18
- *Sourcing and Utilizing SDOH Data for Whole-Person Care* – March 25
- *Federal Effort Aims to Standardize Addresses to Improve Patient Matching*- April 1

## Workgroups

- SDOH/Data Analytics Workgroup - April 22
- Policy Workgroup - March 16, April 20

## Roundtable

- Maturing Virtual Care in Tribal Communities - March 24

For a full list of virtual events: <https://www.ehidc.org/events>



# Recent Forums & Webinars



- SDOH Impact on Equity and Diversity in Clinical Trials
- Release of Consumer Privacy Framework for Health Data
- How Providers are Scaling Virtual Care: Best Practices and Lessons Learned from the Leaders
- Expert Perspectives on Virtual Care
- Patient Matching to Combat COVID-19
- Survey Results: Readiness for the ONC and CMS Interoperability Rules
- Improving Access to Healthcare Data via the FHIR Payer Endpoints Directory







# **The Need for Healthcare Systems That Can Learn Fast: Lessons from COVID**

# Today's Lineup

## Moderator



**Kat Jercich**  
Senior Editor  
*Healthcare IT News*

## Panelists



**Michael S. Barr, MD,  
MBA, MACP, FRCP**  
Executive Vice President,  
Quality Measurement and  
Research Group, *NCQA*



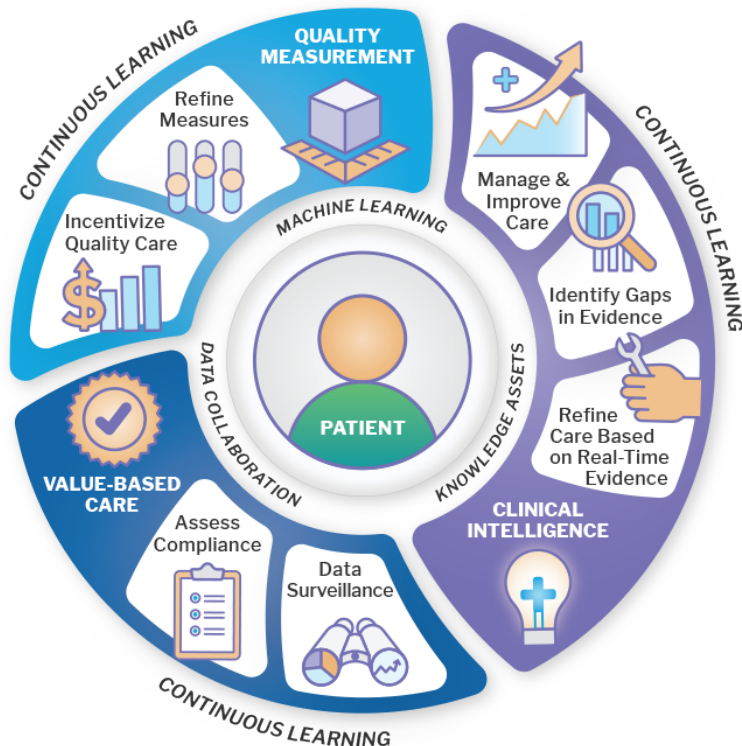
**Blackford Middleton,  
MD, MPH, MSc**  
Chief Informatics & Innovation  
Officer, *Apervita*



**Christopher J.  
Tignanelli, MD**  
Assistant Professor,  
Department of Surgery, *UMN*


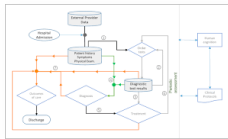
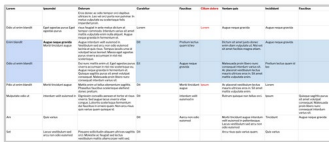

# Enabling the Learning Health System

A system that rapidly learns and continuously improves



# Making a Computable Clinical Practice Guideline (CPG)

## Translating evidence-based guidelines

Knowledge Layer	Description	Example	Sample WHO Products
L1	Narrative	Guideline for a specific disease that is written in the format of a peer-reviewed journal article	 <p>Existing WHO recommendations and guidelines (e.g. <i>WHO Recommendations on Antenatal Care for a Positive Pregnancy Experience</i>)</p>
L2	Semi-Structured	Flow diagram, decision tree, or other similar format that describes recommendations for implementation	 <p>Part of the Accelerator Kits</p>
L3	Structured	Standards-compliant specification encoding logic with data model(s), terminology/code sets, value sets that is ready to be implemented	 <ul style="list-style-type: none"> <li>• Accelerator Kits + FHIR Resource Mapping</li> <li>• Computable Guidelines (CQL + FHIR)</li> </ul>
L4	Executable	CDS implemented and used in a local execution environment (e.g., CDS that is live in an electronic health record (EHR) production system) or available via web services	 <p>Reference software (e.g. OpenSRP Antenatal Care [ANC] module)</p>



**Thank You!**



## Contact Us

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