

Slide 1

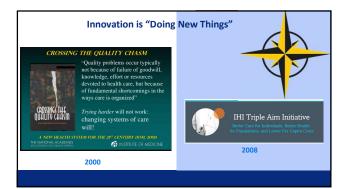
**MPO** Kaitlin, if you have a better graphic for this page, please feel free to update Malinda Peeples, 2023-09-19T15:54:54.031

## DIGITAL HEALTH

- Broadly defined as the knowledge and practices associated with use of digital technologies to improve health
  Digital health accelerated with the introduction of the cell phone: 2007
  iPhone: 2008 Android
  97% of Americans own some kind of cellphone; 85% own a smartphone; (35% in 2011); 15% of users are "smart-phone only" internet users"
  Provides for possible democratization of healthcare

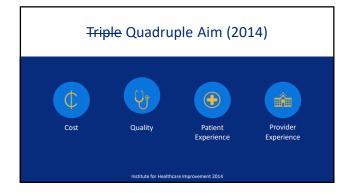
\*https://www.pewresearch.org/internet/fact-sheet/mobile/



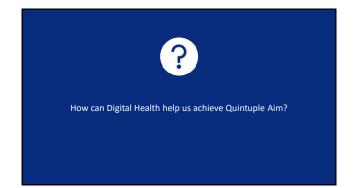














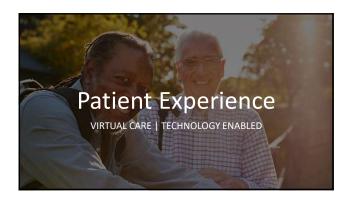
1997 - 2000s	2012	2015	2015	2016	2017
	Bracklad	Enhanced Chronic Car		10	arben Volume B, Broder BD*
	Expert				17 National Standards
	Encovered				abetes Self-Manageme
	EqualEngaged	A martine S			lucation and Support
Outcomes Project → AADE7 Self-Care	The e-Patient	The e-Chronic Care Model	ADCES Strategic Plan & Sphere's of	Technology Work Group is formed	2017 National DSMES Standards
Behavlors			Influence NEW MISSION		
Systematic Reviews of the AADE7	Engaged,	Informed, Activated	Empower CDE to expand the	Beyond Diabetes	Addresses
of the AADE7 →	Empowered, Educated	Patient & Prepared, Proactive Practice	horizons of	Devices	Technology- Enabled Diabetes
NDEOS →AADE7 System		Team Produce Outcomes	education, management and		Care & Education
system		Produce Outcomes	management and support.		

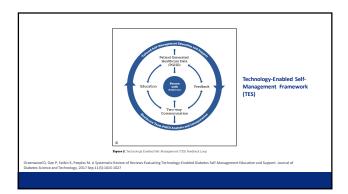
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#### ADCES Self-Care Behaviors: Framework for Quality Assessment



- Chronic disease agnostic
  Focuses on person's activities & role in health outcomes
  Digital enhances the capture of behavioral data previously not available
  Monitor for improvement, maintenance or degradation
  Person-generated data supports adaptive & artificial intelligence interventions that are personalized to the individual



# Person Generated Health Data (PGHD)

# Patient-Level Data

Right conversation at the right time with the right health care team member

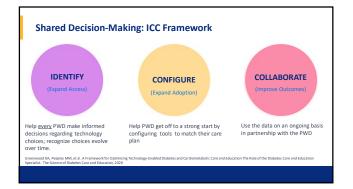


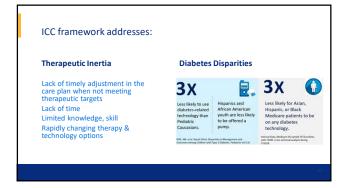


Population-Level Data

Continuous data-driven care

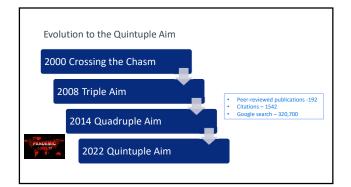






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## **Digital Health**

"We have the opportunity with health IT to create digital experiences that can reach the unreached. Now, *how you do that matters*," he adds. "You have to *design those experiences with marginalized communities* in mind first, not last or retrofitted. That means that when you're building a website, you're also building a mobile app experience, *testing it with the marginalized individuals in our communities and having their feedback influence your decision-making." Nundy, 2022* 

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