

Essentials for Transforming Health Care in the 21st Century

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Disclosure

- None
- Opinions expressed are mine and do not represent official DoD policy

Accelerating Change

- Doubling time for medical knowledge 0.2 years
- Digital transformation of society
- Information age-data science/analytics, AL,ML
- Man-machine interface

Digital Health Transformation Potential

- Precision care
- Efficient care-optimize clinical care and administrative processes
- Connected resources
- Better access
- Better equity
- Amplify/augment human capabilities
- Empower/engage patients
- Advance research design

Digital Health Technologies

- VR/AR
- Ambient computing
- Data democratization
- Cognitive computing
- Robotics
- Telemedicine
- Platforms
- Gamification
- Synthetic biology/nanotechnology
- Genomics/proteomics
- Digital medicine
- Block chain
- Digital personal assistants
- Sensors/wearables
- Cloud computing

Reasons Digital Transformation Fails

- No strategy
- Focused on technology, rather than technology in support of business transformation
- Lack of focus on people- talent, work force development
- Lack of change management of processes and culture-digital mindset and skillset
- Lack of communication
- Failure to identify key strategic partners to co-create value
- Unprepared leaders

Leadership Skills

- Tech/data systems management
- Advanced analytics
- Deployment and execution
- Strategy and planning
- Finance and reimbursement
- Leadership
- Relationship and team building
- Understands and accepts risk-not reckless
- Communication
- Change management
- Integrity/values
- Organizational behavior/culture
- Systems design
- Policy
- Resilience-sustains self, maintains momentum
- Give clear guidance

Crossing the Quality Chasm - IOM 2001

- Safe
- Effective
- Efficient
- Patient Centered-Precise
- Timely
- Equitable
- **Connected/Learning**

Thank you.