Putting Patients in the Driver’s Seat of Data-Driven Healthcare

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10–12 May 2017 MALTA
THE HEALTHCARE CHALLENGE
The global healthcare challenge

- More than 14 million people diagnosed with cancer annually
- 700+ thousand new patients with liver cancer, 60% in China
- 500+ million people suffer from respiratory diseases
- An estimated 1.56 billion adults with high blood pressure in 2025
- 400 million people worldwide have diabetes

In EU chronic conditions cost 115 billion annually
Europe’s Aging Population is increasing

has risen from 96.1 million in 2015.

By 2050, nearly **152.6 million**

of Europe’s population will be > 65
THE HEALTHCARE LANDSCAPE IS CHANGING
The healthcare industry is undergoing major transformation

Citizens increasingly engaged in their health

Transition to value-based healthcare will reduce waste, increase access and improve outcomes

Care shifting to lower cost settings and becoming networked
The top 10 strategic technology trends

1. Computing Everywhere
2. The Internet of Things
3. 3D Printing
4. Advanced, Invisible Analytics
5. Context-Rich Systems
6. Smart Machines
7. Cloud/Client Architecture
8. Software-Defined Infrastructure and Applications
9. Web-Scale IT
10. Risk-Based Security and Self-Protection

Source: Forbes
Patients are ready to monitor themselves

56% of patients feel they have the right tools to manage their own health

46% of healthcare providers agree with patients collecting and reporting their own health data

Future Health Index, 2016

futurehealthindex.com
OUR APPROACH
A new world dynamic... requires a new approach
The Health continuum
From episodic care to networked, continuous care

- Healthy living: Help people to live a healthy life in a healthy home environment
- Prevention: Enable people to manage their own health
- Diagnosis: Ensure first time right diagnosis with personalized and adaptive care pathways
- Treatment: Enable more effective therapies, faster recovery and better outcomes
- Home care: Support recovery and chronic care at home

Monitoring informatics and connected care
Improve population health outcomes and efficiency through integrated care.
Real-time analytics and value-added services
Technology is enabling change

- **Healthy living**
- **Prevention**
- **Diagnosis**
- **Treatment**
- **Home care**

**Personalization of care**
Patient-centric care, first time right

**Innovation of care pathways**
Enabling providers to deliver better outcomes while controlling cost

**Inclusive care**
Making care accessible wherever and whenever people need it
Creating rich profiles for providers, moving care closer to people
Enabling technology connects the ecosystem in flexible and scalable ways

From **connected devices** and software

To robust **algorithms** and an **integrated platform**
The future of healthcare begins…
….where two worlds collide
DATA DRIVEN HEALTHCARE
Key (Policy) Enablers

- **Data Protection Standards**: Harmonized implementation of the General Data Protection Regulation across the EU
- **Data Security**: Clear rules on minimum security requirements
- **Interoperability Framework**: Comprehensive EU interoperability framework for digital health services
- **Digital infrastructure**: Connectivity, computing facilities, highly skilled people to build and operate these infrastructures.
- **Data Flow**: Free flow of data within the EU

**Policy incentives supporting shift towards innovative models of care**
Giving an individual control of her health data can change her health.

Giving everyone control of their health data can change healthcare systems.
Thank you!

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