



# Doctor, the patient will see you now on screen 4!

e-Health 2016 Panel Presentation  
Moderated by David Thomas, VP, TELUS Health

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# Doctor, the patient will see you now on screen 4!

## **Leonard Kish**

Mr. Leonard Kish, Co-founder and Chief Operating Officer of YouBase.io, Principal at Viva Phi; Co-Founder of Unpatient.org; Digital Strategist, writer, consultant and entrepreneur

## **Dr Stan Kutcher**

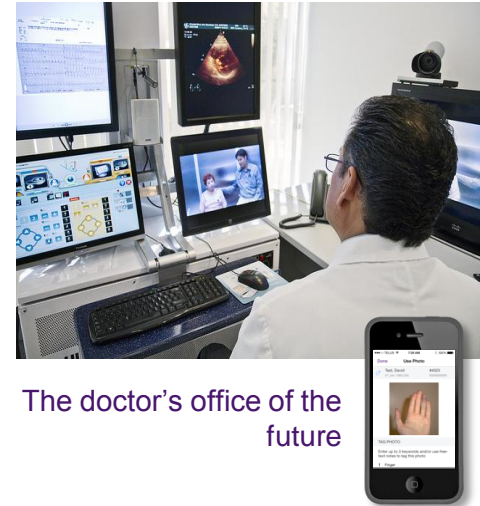
Dr Stan Kutcher, Sun Life Financial Chair in Adolescent Mental Health; Director, WHO Collaborating Center in Mental Health Policy and Training, Dalhousie University, IWK Health Centre

## **Ryan Berger**

Mr Ryan Berger, Partner, Bull Housser & Tupper LLP in the Dispute Resolution and Litigation Group, the firms Privacy Officer, Chair of the Privacy Committee; He is Treasurer and past co-chair of the Canadian Bar Association Information and Privacy BC Section.

## **Dr Brendan Byrne**

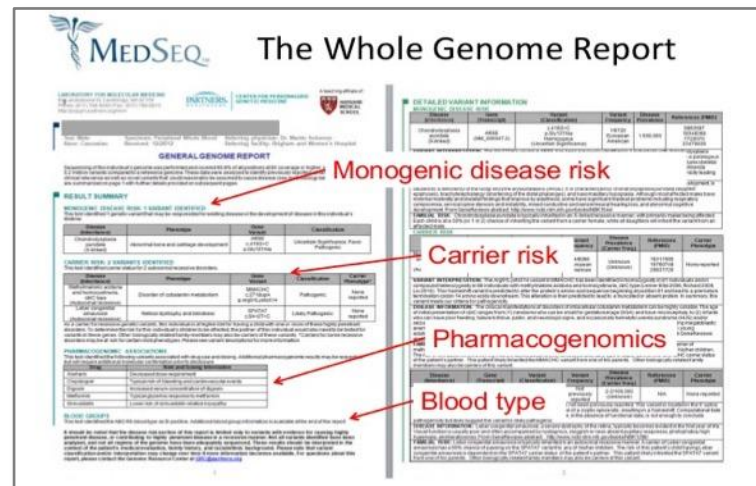
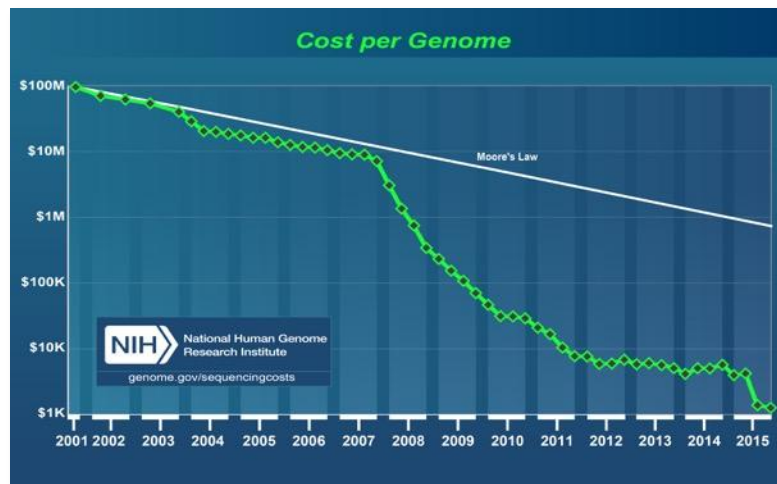
Dr. Brendan Byrne, Chief Innovation Officer, TELUS leading our focus on continued digital innovation and the evolution of our health solutions from our current applications to an open platform, digital entrepreneur – founder of Wolf Medical Systems.



# What the Future Holds – the example of Suzy

## PHARMACOGENOMICS: A trend there to stay

Armed with a personal genomics report, Suzy Q is aware of which drugs are most effective for her in certain conditions, including certain genetic variants that make her predisposed to certain diseases.

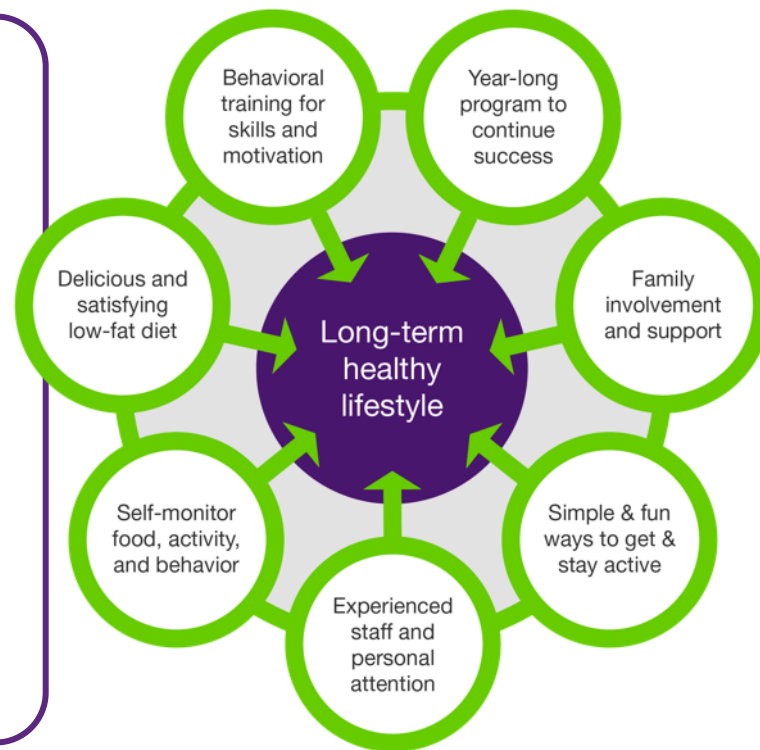


# What the Future Holds – the example of Suzy



## THE « WORRIED WELL »: at the basis of the Wellness Industry

Suzy has formulated her own lifestyle plan to make her as healthy as possible and it is automatically tracked through her advanced wearable devices.



# What the Future Holds – the example of Suzy

## REMOTE HEALTHCARE MANAGEMENT: Giving patients timely healthcare services

Suzy has booked a convenient time for a remote consultation with her care team between meetings, while she works at home, and shared her personal history, care plan and recent trends 48 hrs in advance with the team so they can provide advice given some conflicting material she cannot understand from the internet.



# Findings

THE  
HUFFINGTON  
POST

When 62-year old Mike Cooper, a former CEO, suffered a stroke, he turned to an online personal health record (PHR) tool to communicate with his doctors, schedule appointments, view lab and test results, and renew prescriptions from the comfort of his own home. "I have good information on which to base my decisions. The login procedure has a sign-in name and a password, and that really makes me feel safe," said Cooper, a patient of Sutter Health-affiliated Palo Alto Medical Foundation (PAMF) in Mountain View, CA.

“Patient engagement is the  
blockbuster of the 21<sup>st</sup> Century”

Leonard Kish

accenture

Survey on Patient Engagement

More Access and More Control for Chronically-ill Patients

Chronic patients want greater control over their own health management. This includes more influence over how their conditions are treated, and a higher input into clinical discussions with healthcare professionals.

YOUR NAME HERE





**Leonard Kish,**  
Co-founder and Chief Operating Officer of  
YouBase.io

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**Patient perspective**





**Dr Stan Kutcher,**  
Professor of Psychiatry, Director, WHO  
Collaborating Center Dalhousie University  
Vancouver, 2016

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**Clinician and mental perspective**



# What We Want to Achieve

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- Improved quality of care/health outcomes
- Better engagement of people in their own health care
- Improved access to data for research purposes
- Enhanced public health information
- Ensure privacy and security of highly sensitive information
- Protect legitimate rights of HC Providers and HC organizations



This is not simply an issue of ownership

# Unique (?) Mental Illness Considerations

- Nature and detail of intimate information not the same (current and past)
- Individual's competency can change rapidly and frequently
- Impact of a MI on rational decision making (not a competency issue)
- Potential for opening “vulnerable populations” to abuse and exploitation
- Mature minors
- Psychotherapy notes



# Possible Solutions?

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- Personal health information custodians
- Graded access – internal “firewalls” in the information
- Storage within an independent health data bank
- Advanced directives
- Independent quasi-judicial panels  
(similar to what currently exists for involuntary admission review)



# It's a Moving Target

“ Predictions  
would not be  
so hard if  
they weren't  
about the  
future. ”

**Yogi Berra**





**Ryan Berger,**  
Partner, Bull Housser & Tupper LLP

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**Legal and legislative perspective**

# Legal Challenges – Consent

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Individuals are often unaware of the nature and extent of information about themselves being collected and stored by numerous private organizations...

...Not only is information circulated from unknown or out-of-date sources, but it is mixed and matched with other information purportedly relating to the same individuals...

...Few data “subjects” ever see the information being held and exchanged under their names; fewer still are able to correct this information or have it withdrawn from circulation.

*Blood Tribe (SCC) at 13*

## Legal Challenges – PHI – what, when and where?



...could be used to identify an individual...



## HARBOR







**Dr Brendan Byrne,**  
Chief Innovation Officer, TELUS

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**Innovation and clinical perspective**

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Co-founder and Chief Operating Officer of YouBase.io

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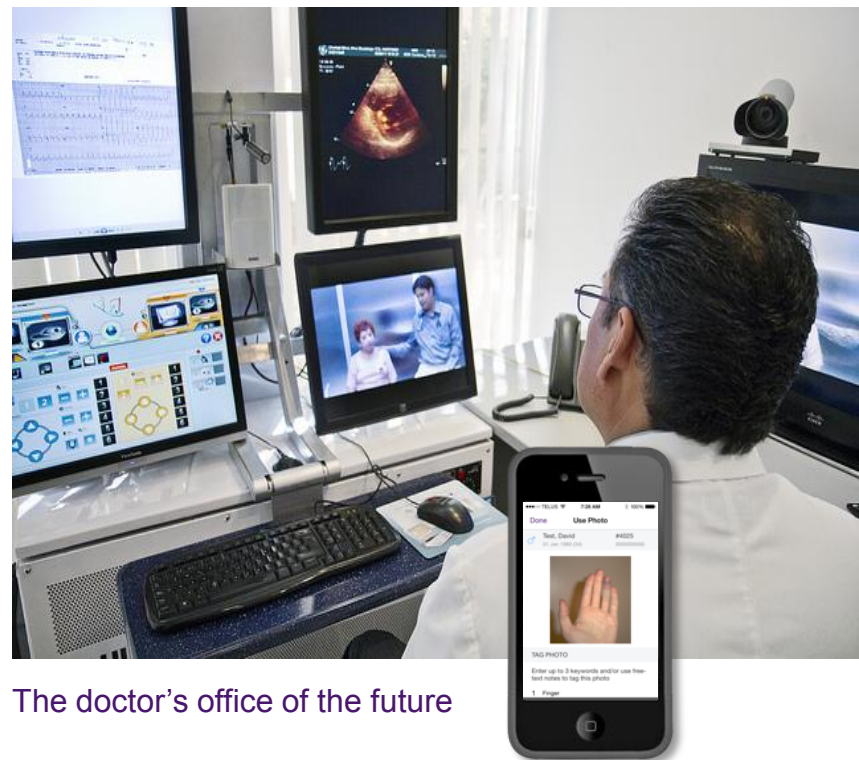
Professor of Psychiatry, Director, WHO Collaborating Center Dalhousie University Vancouver, 2016

## Ryan Berger

Partner, Bull Housser & Tupper LLP

## Dr Brendan Byrne

Chief Innovation Officer, TELUS



The doctor's office of the future



# Thank you

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