



MYiHealth program

20-21 September, 2017

CONFERENCE PROGRAM, day 1

Aula Magna, Stockholm University

09.00 Coffee and registration

10.00 The patient – what is important for me and MYiHealth?

Speaker: [Cristin Lind](#), Quality Register Centrum Stockholm
Despite the intense technological development in general and regarding digitalisation in particular there is a paradoxical lack of asking the patient what is needed and what would make a difference. Cristin Lind will kick off the 2 day conference setting the right focus from start – the patients' perspective.

10.15 Welcome opening speech

Speakers: Karin Dahlman-Wright, Pro-Vice-Chancellor, Karolinska Institutet. Astrid Söderbergh Widding, Vice-Chancellor, Stockholm University. Daniel Forslund, Innovation Commissioner, Stockholm County Council & Karin Wanngård, Mayor, City of Stockholm

10.30 Combining Social Networking Sites and Biochemistry for better health

Speaker: [Jamie Heywood](#), CEO PatientsLikeMe
PatientsLikeMe is a free website where people can share their health data to track their progress and help others. Over 500,000+ patients living with 2700+ conditions get together and share their experiences living with disease. This way newly diagnosed patients can improve their outcomes by connecting with and learning from others who've gone before them and researchers learn more about what's working, what's not, and where the gaps are, so that they can develop new and better treatments. Jamie will explain how this patient community will benefit from being connected with the latest data in genomics and proteomics.

11.00 Troo Life Coach: Motivating Teens to Take Healthier Decisions for Life?

Speaker: [Jen Hyatt](#), Serial Social Entrepreneur, founder of Troo Life Coach (TLC)
Our future continues to be defined by growing ill health and it starts young with teens exhibiting unprecedented levels of physical and mental health problems. Based on neuroscience, behavioural economics and positive psychology, Troo Life Coach is a chatbot driven by augmented intelligence that wishes to turn the tide on this growing public health crisis.

11.30 Whole genome sequencing in clinical medicine in the era of Big Data

Speaker: [Anna Wedell](#), Professor, Karolinska Institutet
Professor Wedell and her team provide nationwide diagnostics and expert advice on all aspects of inherited metabolic diseases. She will present how they have implemented whole genome sequencing for clinical diagnosis of monogenic disorders, with dramatic consequences as large numbers of patients now receive specific molecular diagnoses and treatment in early disease stages, improving outcome. Utilising their approach Professor Wedell and her team have discovered a number of novel monogenic diseases affecting brain metabolism, opening novel avenues for treatment.

12.00 Inspiring lunch and creative networking

13.00 Fully integrated health care solutions to prevent disease and improve patient outcome – the patient centric university

Speaker: [Melvin Samsom](#), Professor, CEO Karolinska University Hospital
Professor Samsom will provide his version on how you go from vision to reality on the fully integrated patient centric university hospital. He will touch upon the importance of leadership, technology and outcomes with the patient in focus

13.30 How machine learning and AI help our 100 000 doctors deliver better care to patients

Speaker: [Ron Gutman](#), CEO HealthTap
Healthtap's mission is to measurably improve health by providing immediate access to top medical experts and their trusted health advice anytime, anywhere. HealthTap+, is the world's first Global Health Practice and offers 24/7 immediate access to over 100000 top doctors via video, text or voice. It helps people make decisions that affect health and the health of their loved ones, providing information and access to care that meets the highest standards of privacy, safety, and validity, and helps people take actions to Feel Good every day.

See next page for more program

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14.00 Panel discussion: New roles and trends emerging in transforming the health care system

Speakers: [Henrik Rindel Gudbergesen](#), Chief Medical Officer, IBM Nordic, [Mathias Ekman](#), Chief Digital Officer (CDO) Public Sector Sweden Microsoft, [Jason P Jones](#), PhD, Vice President Information Support for Care Transformation, Kaiser Permanente, [Jan Kimpen](#), Professor, Chief Medical Officer, Philips.

Watson Health's value-based care delivers innovation designed to help drive value for providers and health care organizations as those providers and organizations work to manage population health, deliver more efficient care, engage patients and consumers, and optimize business performance - through the power of data-driven insights. It offers doctors access to medical data and data from each patient - equivalent to about 300 million books to personalize care. On the patient side it proactively identifies patients who need recommended care and initiate customizable notifications regarding visits, tests, procedures or other follow-up care.

Microsoft eHealth solutions include cloud-based health information management systems to enable health care organizations' digital transformation. Powerful and intelligent cloud platforms and eHealth solutions from Microsoft can help to better engage patients, empower care teams, optimize clinical and operational effectiveness, and transform the care continuum for the organization.

Kaiser Permanente is the largest healthcare system in the USA and a global pioneer when it comes to patient centric care and digital support to patients and clinicians. Dr Jones leads KP's work on digital support of patient care delivery by focusing upon building tools and capacity for organizational decision making and point of care decision support involving predictive analytics.

In this panel discussion Henrik, Mathias, Jason and Jan will discuss how these different starting points can be connected to patient-central health care.

14.45 Stimulating coffee and networking

15.15 Virtual Reality goes to war: Applications for the prevention, assessment and treatment of PTSD

Speaker: [Albert "Skip" Rizzo](#), Professor, Director for Medical Virtual Reality, University of Southern California

In this keynote address Skip Rizzo discuss how new Virtual Reality based applications can be used for prevention and rehabilitation in psychiatry. Rizzo will give examples of ground-breaking R & D at the Institute for Creative Technologies where he is leading several projects on VR and psychiatry. See more here.

15.45 How can I be sure about integrity of my data?

Speaker: [Cecilia Magnusson Sjöberg](#), Professor, Stockholm University
Professor Magnusson Sjöberg leads a number of Swedish governmental inquiries on personal data processing for research purposes, which also have interesting links to data use in digital health applications. In this keynote Cecilia will discuss integrity aspects of personal data in clinical and research applications in the healthcare sector and what the new upcoming EU regulations might imply.

16.05 Go FAIR, go Anywhere - The Personal Health Train on track

Speaker: [Barend Mons](#), Professor, Dutch Techcentre for Life Science
The Personal Health Train (PHT) aims to increase the use of existing healthcare and lifesciences data for research into personalised health and medicine as well as to shorten the research-to-bedside cycle and provide personalised life style advice to patients. Barend will discuss how PHT can reduce the need to transfer sensitive patient data stored in distributed databases. Sophisticated algorithms secure interoperability and analysis of multiple distributed datasets while patients and patient organisations can be the main guards/stewards of the PHT and remain in control supported by national ethical/legal review board for data research.

16.30 How do we put it all together? A lifelong learning health system

Speaker: [Eskil Degsell](#), patient, relative, caregiver and associated to highgrade brain tumor pathway for care at Karolinska University Hospital, Regional Cancer Center Stockholm Gotland and Karolinska Institutet.

16.50 Start-up pitching

17.20 Buses leave from the entrance

18.00 Reception at Stockholm City Hall

WORKSHOPS PROGRAM, day 2

Aula Magna, Stockholm University

09.00 Meet up Parallel sessions

Workshop 1: Integrating data platforms and tools to enable patient centric care

Why is it so hard to have real-time analysis on how health care providers are doing for their patients? This workshop will provide several examples of how it can be done and what it takes to measure and create new patient care pathways.

Speakers: [Eric-Hans Eddes](#), PhD, CEO of Dutch Institute for Clinical Auditing (DICA)

[Jonas Wohlin](#), MSc, PhD, CEO IVBAR,

Speaker: Karolinska example, [Andreas Ringman Uggla](#), MD PhD, COO, Karolinska University Hospital

Speaker: Sahlgrenska Academy example, [Maziar Mohaddes](#), MD PhD, Sahlgrenska University Hospital

Speaker: Hackensack Meridian Health example, [Andre Goy](#), Chairman and Executive Director, John Theurer Cancer Center, Hackensack UMC

Workshop 2: Generating insights from distributed patient datasets

IT systems in healthcare encompass many legacy systems, hindering data exchange and large-scale data merging and analysis. Especially for rare diseases this hinders research and healthcare progress.

Martin and Barend will introduce the latest developments in data integration and operability and the challenges ahead of us. Charlotte will share the latest progress in development of international standards for outcome measurement.

Speakers: [Martin Ingvar](#), Professor, Karolinska Institute, [Barend Mons](#), Professor, Dutch Techcentre for Life Science & [Charlotte Roberts](#), PhD, Vice-President for Standardisation, International Consortium for Health Outcomes Measurement

Workshop 3: Cutting edge digital healthcare tools and apps

From mobility device to health coach

The days a wheelchair is merely a tool to get from A to B are numbered – using sensors and user-adapted software the wheelchair becomes a seating coach enhancing health and diminishing injuries and pain. **Speaker:** [Helene Svahn](#), Professor, VP Research and Innovation Permobil

Troo Life Coach: Turning the Tide on Teen Health

Our future continues to be defined by growing ill health and it starts young with teens exhibiting unprecedented levels of physical and mental health problems. Based on neuroscience, behavioural economics and positive psychology, Troo Life Coach is a chatbot driven by augmented intelligence that wishes to turn the tide on this n this growing public health crisis. **Speaker:** [Jen Hyatt](#), Serial Social Entrepreneur, founder of Troo Life Coach (TLC)

Digital diabetes control beats drugs

For the first time in human history, more people die from chronic diseases than infectious disease. To solve this macroeconomic problem, we at Holmusk believe that "early detection & intervention is the only feasible solution" is the only feasible solution. Holmusk mission is to build full-stack chronic platform - scalable, clinically effective, patient centric digital health solutions - patient centric digital health solutions - using technology and data sciences. **Speaker:** [Nawal Roy](#), CEO Holmusk

Workshop 4: Legal constraints and solutions on using patient data

Are you struggling to understand what is allowed and not when it comes to data privacy and data protection? This workshop will give you an insight to issues related to patient integrity and legal regulations that may impact the development and implementations of new digital health systems. Cecilia will together with Magnus bring up current challenges and discuss issues that the participants suggest. **Speakers:** [Cecilia Magnusson Sjöberg](#), Professor, Faculty of Law, Stockholm University, [Magnus Stenbeck](#), Associate Professor, Karolinska Institute

11.00 – 12.00 Panel discussion

Integrating genomics, proteomics and patient data - how will or should this change our health systems and what will the frontiers of life science development be the next 10 years? Two global front runners sharing their thoughts with each other and the audience. **Speakers:** [Jamie Heywood](#), CEO PatientLikeMe & [Mathias Uhlén](#), Professor, KTH

12.00 Inspiring lunch and creative networking

13.00 Parallel sessions

Workshop 5: Digital patients leading development of healthcare

In this workshop Sara Riggare starts from her background as a Parkinson patient and discusses models and methods for digital self-care in chronic disease, self-tracking, patient engagement/participation/empowerment. Eskil Degsell works with how we can engage the broader society in improving patient health. With a wife severely ill in cancer, Eskil has committed himself to innovative ways to improve patient outcomes. Maria Hägglund will discuss research on user centered development of patient centered information and communication systems to support collaboration within health- and social care as well as patient empowerment.

Speakers: [Maria Hägglund](#), Associate Professor, Karolinska Institute, [Sara Riggare](#), PhD student, Karolinska Institute & [Eskil Degsell](#), Innovator & entrepreneur

Workshop 6: Dr Watson is ready to see you!

Ranging from supporting integrated care management and evidence-based and patient-centric treatment options to value-based care and improved health imaging, a whole range of healthcare services are offered based on the Watson framework. This workshop will walk you through the options and possibilities. Will Dr Watson take over from today's doctors?

Speaker: [Henrik Rindel Gudbergesen](#), Chief Medical Officer, IBM Nordic

Workshop 7: Virtual reality will cure you

This workshop will focus on new means to prevent and rehabilitate patients with PTSD, Alzheimer's disease, stroke and other clinical conditions. Focus will be of discussions on interactive and immersive Virtual Reality simulations for patient-focused interventions.

Speaker: [Albert "Skip" Ruzzo](#), Professor, Director for Medical Virtual Reality University of Southern California