



The Digital Health Congress

EXAMINING STRATEGIES, TECHNOLOGIES AND HEALTHCARE INFORMATICS TO UNDERSTAND & ENABLE SUCCESSFUL IMPLEMENTATION OF DIGITAL HEALTHCARE PRACTICES

Global Engage is pleased to announce the inaugural Digital Health Congress, which will be held on November 30-1 December in London, UK. The conference is part of the successful personalised medicine series which includes events such as the Digital Pathology Congresses, qPCR & Digital PCR Congresses, Synthetic Biology and Precision Medicine Congresses.

Innovations in healthcare and medicine are increasing at an exponential rate. Last year, the digital health industry expanded more than ever before. Electronic health records, telemedicine and more sophisticated and reliable monitoring devices are increasing connectivity between patients and physicians, which in turn is creating exciting new opportunities in diagnosis, care and rehabilitation. Developments in the field have posed new questions and challenges regarding business models, regulation, adoption and implementation within existing systems as well as management of big data. With \$4.1 billion going into funding digital health start-ups in 2014 this area will only continue to grow as population growth and lifestyle choices put greater pressure on healthcare systems and patients are given greater access to their own health data.

Attracting over 150 industry and academic experts working in all areas of digital healthcare, this two-day interactive meeting will provide the opportunity to take home information on the latest strategies, technologies and case studies in digital healthcare and to greater understand the challenges and solutions in the adoption of healthcare informatics related to this burgeoning field. The congress will offer a vibrant exhibition room full of technology providers showcasing their technologies and other solutions, networking breaks allowing interaction with your peers, poster presentation sessions, expert-led case study presentations and incisive Q&A panel discussions during tracks which will examine the topics listed below:

Confirmed Speakers Include:



Dirk Schapeler

Director Digital Health,
Bayer LifeScience iHub Silicon Valley,
USA



Beverley Bryant

Director of Digital Technology,
NHS England



Matthew Owens

Global Head Legal-Strategic
Partnerships & Digital
Medicine, Novartis Pharma AG,
Switzerland

Conference Synopsis

Digital Health Strategy and Technology

- Business models and strategy in digital health
- Building disease management programs using digital health technologies
- Improving patient care and safety through technology
 - Reinventing the doctor-patient relationship: e-patient/e-doctor
 - Increasing patient adoption & engagement
 - Decision support
- The future of digital healthcare
- Emerging tools and approaches
- New pharma models utilising digital health for targeted therapies
- Balancing digital health with insurance, employers & existing systems
- Regulation, standardisation & ethics
- Mobile technology to simplify access to healthcare
- Removing barriers to digital healthcare implementation
- Remote healthcare monitoring platforms

Health Informatics and Mobile Data

- Electronic Health Records/Electronic Medical Records
- Creating real value from user, research and healthcare generated data
- Optimising data collected & data capture
- Offering health data in a way that is useful
- Information technology management and policy
- Linking digital health with national information systems
- Ownership of data, communication, ease of access and reliability
- Digital health in clinical trials

Implementation and Adoption Case Studies

- Panel Discussion: removing barriers in the implementation of telehealth
- Reducing hospital readmissions with telehealth
- Linking mHealth to National Health information systems/NHS
- Improving communication to effectively prevent and manage chronic illness and disability in old age
- Enhancing independent living with wearable devices
- Learning from digital health pilot programs
- Devices and software powering diagnostics, disease management, monitoring and patient follow-up
- Digital health assistive and rehabilitation technologies

For more information please contact Steve Hambrook, Conference Director, Global Engage Ltd.

Confirmed Speakers



Nick Guldemond
Associate Professor Integrated
Care & Technology/Program
Director eHealth, UMC
Utrecht/NFU, The Netherlands



Dirk Schapeler
Director Digital Health,
Bayer LifeScience iHub Silicon
Valley, USA



Vivian Vimarlund
Professor in Informatics,
Linköping University, Sweden



Anthony Rowe
Director, Translational
Informatics and External
Innovation, Johnson & Johnson,
UK



Beverley Bryant
Director of Digital Technology,
NHS England



Jorge Juan Fernandez Garcia
Director of E-Health & Health,
2.0, Hospital Sant Joan de Déu
– Barcelona Children's Hospital
(HSJD), Spain



Maritta Perälä-Heape
Director, Centre for Health and
Technology, University of Oulu,
Norway



Birthe Dinesen
Associate Professor & Head,
Telehealth & Tele-rehabilitation
Laboratory, Aalborg
University, Denmark



Niels H. Chavannes
Professor of Primary Care
Medicine & Chair of eHealth,
Leiden University Medical
Centre, The Netherlands



Morten Elbæk Petersen
CEO,
Danish eHealth Portal



Brendan Delaney
Professor of Medical Informatics
and Decision Making and Director
Centre for Patient Safety &
Service Quality, Imperial College
London, UK



Claudia Pagliari
Senior Lecturer in Primary Care,
University of Edinburgh, UK



Claus Duedal Pedersen
Chief Innovation Officer, Centre
for Innovative Medical
Technology, Odense University
Hospital, Denmark



Pieter Vandervoort
Professor & Head, Mobile Health
Unit, Hasselt University, Belgium



Afzal Chaudhry
Chief Clinical Information Officer,
Cambridge University Hospitals
NHS Foundation Trust, UK



Sture Pettersen
Head for Innovation and
implementation, Norwegian
Centre of Integrated Care and
Telemedicine (NST), Norway



Sergio Pillon
Director of Telemedicine, San
Camillo-Forlanini Hospital, Italy



Rob Nolan
Director, Cardiac
eHealth/Behavioural Cardiology
Research Unit, University Health
Network / University of Toronto,
Canada



Theo Arvanitis
Professor of e-Health Innovation,
Warwick University Institute of
Digital Health, UK



Lucy Yardley
Professor of Health Psychology,
Southampton University, UK



Matthew Owens
Global Head Legal- Strategic
Partnerships & Digital Medicine,
Novartis Pharma AG, Switzerland



Michael Sauter
Senior Director Digital Health
Technologies, Biogen, USA



Jeremy Wyatt
Professor & Chair in eHealth
Research, University of Leeds, UK



Deborah Wake
Clinical Senior Lecturer, University of
Dundee, UK



Sophia Ananiadou
Professor & Director, National Centre
for Text Mining, University of
Manchester



Julia Bailey
Clinical Senior Lecturer, eHealth Unit,
University College London, UK



Oliver Reuß
Head of Business Model &
HealthCare Innovation, Boehringer
Ingelheim, Germany

Also Speaking:

Margarita Hospedales Salomó, European Project
Manager, TicSalut Foundation, Catalonia, Spain

Placide Poba-Nzaou, Professor, University of
Quebec in Montreal, Canada

Alexander Schachinger, Founder/CEO, EPatient RSD
[SESSION CHAIR]

Sergio Mottola, CEO, Nuwe

Kai Langel, Co-Founder & Director, Patient Solutions

Ann Tronde, Project Leader eHealth, Skåne
University Hospital, Sweden

Robert Kroes, Project Lead Clinical Open
Innovation Europe, Lilly Nederland BV

Maria Hägglund, Senior Researcher, Health
Informatics Centre, Karolinska Institute, Sweden
[RESERVED]

Mayumi Oyama-Higa, Founder, President and
CEO, Chaos Technology Research Laboratory,
Japan

Mats Sundgren, Principal Scientist,
AstraZeneca, Sweden

Mette Atipei Craggs, Innovation Consultant,
Odense University Hospital, Denmark

Martin Cartwright, Lecturer in Health Services
Research, City University London, UK

Brian Kelly, Regulatory Lawyer, Covington &
Burling LLP, UK

Malcolm Fisk, Senior Research Fellow, Coventry
University, UK

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08.00-08.50	Registration & Coffee	
08.50-09.00	Global Engage Welcome Address & Chairperson's Opening Remarks Chairperson: TBC	
09.00-09.35	Keynote Address: Title To Be Confirmed Reserved:	
09.35-10.05	Solution Provider Presentation For sponsorship opportunities please contact Steve Hambrook at steve@globalengage.co.uk	
	Digital Health Strategy and Technology	Implementation and Adoption Case Studies
10.05-10.10	Stream Chair: TBC	Stream Chair:
10.10-10.35	The significance of open access to medical records This talk will focus on the benefits of open access to medical records on a national level – for both health professionals and patients. It will provide a short introduction to sundhed.dk (the Danish national eHealth portal) and move on to the big questions: Why e-health? Does it actually make a change? And if so, how do we implement it? CONFIRMED: Morten Elbæk Petersen, CEO, The Danish eHealth Portal, Denmark	Title To Be Confirmed CONFIRMED: Ann Tronde, Project Leader eHealth, Skåne University Hospital, Sweden
10.35-11.45	Morning Refreshments and Poster Presentation Session One-to-One Networking Meetings	
11.45-12.10	The Global Healthcare Paradigm Shift and the Role of Technology Implications for R&D Strategies, Implementation, Up-scaling and User Involvement. In what is referred to as an Integrated Care Model by the European Commission, long-term care, prevention and the role of the community will be outlined. Technology is indispensable in achieving these goals in an efficient and affordable manner. Examples provided with regard to prevention, care and cure: tablets, smartphones and smart TVs create opportunities for a healthy lifestyle, self-management, diagnosis, intervention and monitoring. Data from laboratories, patient records, medication, image building, financial data, personal information via the Internet and the use of social media provide us with an information, which could be effectively applied to consumers, commercial activities and care. The focus of current European subsidy programs shifting from fundamental research to market-oriented trends and care innovation, which is reminiscent national policies in which knowledge institutions, government and the business sector create solutions intended to yield added value for science, society and business. The strategy of the European Commission is "top-down" but citizens and their community as designers of local society are an important factor. The local community as a "living lab" will be the most relevant environment in which designers, engineers, scientists, businesses and consumers of care and welfare products and processes can develop further. CONFIRMED: Nick Guldmond, Associate Professor Integrated Care & Technology/Program Director eHealth, UMC Utrecht/NFU	Title To Be Confirmed CONFIRMED: Robert Kroes, Project Lead Clinical Open Innovation Europe, Lilly Nederland BV
12.10-12.35	Title To Be Confirmed Unwrapping the Concept of Personalised Medicine with reference to Digital Health Technologies CONFIRMED: Claudia Pagliari, Senior Lecturer in Primary Care, University of Edinburgh, UK	Does setting determine success? Evidence for eHealth applications in disease management eHealth is sometimes seen as a silver bullet for human resource, medical and economic challenges facing health systems. The evidence to support widespread use of eHealth is however still patchy and inconsistent. In this presentation, I seek to interpret and draw key lessons from a selection of illustrative trials in developed countries with robust healthcare settings in respiratory medicine that failed to demonstrate effectiveness and offer suggestions to maximise the chances of success in subsequent eHealth deployments. Particularly low- and middle-income countries, with relatively weak health infrastructures and limited healthcare, propose considerable room for improvement. Early experiences of studying eHealth thus far in high-income country settings suggest that this process should preferably begin with trials of low-cost, well-established technologies in patient groups with a moderate burden of disease whilst carefully evaluating patient safety. CONFIRMED: Niels Chavannes, Professor of Primary Care Medicine & Chair of eHealth, Leiden University Medical Centre, The Netherlands

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12.35-13.00	Social Innovations and e-Health Business Models Many countries in Europe develop strategies to foster the use of eHealth services and social innovations (European Commission, 2012). However, despite the fact that business models are perceived as an important part of the strategy used to achieve a sustainable implementation and use of social innovations as for instance eHealth services, there is no generic models that allow to capture the effects of a multi-side market. Further, business models are usually connected to an organization ability to focus on value- creation and to the ability to develop cost- effectiveness at the organizational level. In a multi-side market as e-health there are several challenges that has to be over-win to develop sustainable business models that increase market and penetration but that at the same time supported social innovations. In this presentation, Issues such as: challenges when developing business models for social innovation, pre-requisites a multi-side market demands and the constrains the market for social innovations and e-health services has today will be discussed CONFIRMED: Vivian Vimarlund, Professor in Informatics, Linköping University, Sweden	Patient Perspectives and Results from an Online, Remote Clinical Trial The VERKKO trial has achieved many firsts, including remote electronic informed consent, real-time biometric data capture and the conduct of a clinical trial without any site visits using an online patient engagement and management system. This session covers the details, results and also patient feedback. CONFIRMED: Kai Langel, Co-Founder & Director, Patient Solutions
13.00-13.30	Solution Provider Presentation: Title To Be Confirmed  CONFIRMED: Sergio Mottola, CEO, Nuwe	Solution Provider Presentation For sponsorship opportunities please contact Steve Hambrook at steve@globalengage.co.uk
13.30-14.30	Lunch	
14.30-14.55	Scaling Clinical Trials to n=7,000,000,000 Randomised Clinical Trial are the "Gold" standard of scientific evidence foundation of the development of new medicine. In this talk we explore: • How the rise of Digital Health technology can help us scale clinical trials to unprecedented levels • How Digital Health technology is changing the way people interact with clinical research organisations • How Open Innovation and Digital Health can combine to enable the clinical research platforms of the future CONFIRMED: Anthony Rowe, Director, Translational Informatics and External Innovation, Johnson & Johnson, UK	Supporting Diabetes Patient Self-Management through Electronic Records Access, Decision Support, Tailored Education Access and ICT tools (MyDiabetesMyWay) • An overview and evidence base for online tools, remote monitoring and mHealth to support diabetes patient care • An example of a national platform for Diabetes Self-Management in NHS Scotland (MyDiabetesMyWay) • Challenges and the future of digital health for chronic disease management CONFIRMED: Deborah Wake, Clinical Senior Lecturer/Honorary Consultant, University of Dundee, UK
14.55-15.20	Title To Be Confirmed CONFIRMED: Matthew Owens, Global Head Legal- Strategic Partnerships & Digital Medicine, Novartis Pharma AG, Switzerland	Optimising Engagement with Digital Interventions: The Person-based Approach This paper describes how to implement the person-based approach to digital intervention development – an approach based on over a thousand interviews with users carried out while developing healthcare interventions that have proven effective in trials involving tens of thousands of users. The approach provides a systematic method for understanding and accommodating the perspectives of patients and health professionals, using qualitative research with a wide range of people from the target user populations, carried out at every stage of intervention development, from planning to feasibility testing and implementation. We will illustrate how this process goes beyond assessing acceptability, usability and satisfaction, allowing the intervention designers to modify the intervention to make it more persuasive, feasible and relevant to users. CONFIRMED: Lucy Yardley, Professor of Health Psychology, Southampton University, UK
15.20-15.50	Solution Provider Presentation: Title To Be Confirmed  CONFIRMED: Mayumi Oyama-Higa, Founder, President and CEO, Chaos Technology Research Laboratory, Japan	Solution Provider Presentation For sponsorship opportunities please contact Steve Hambrook at steve@globalengage.co.uk

15.50-16.20	Panel Discussion: The Future of Digital Health • Patient Involvement and Challenges of Changing Patient Behaviour • Challenges of Scaling Up Digital Health Initiatives • Leverage Digital Health Technology to Improve Chronic Disease Outcomes • Prescribable pharma-digital therapies • Where will digital health technologies take us in the future and how will we get there? • Opportunities for development of digital technologies CONFIRMED: Dirk Schapeler, Director Digital Health, Bayer LifeScience iHub Silicon Valley, USA Julia Bailey, Clinical Senior Lecturer, eHealth Unit, University College London, UK Oliver Reuß, Head of Business Model & HealthCare Innovation, Boehringer Ingelheim, Germany
16.20-17.10	Afternoon Refreshments and Poster Presentation Session One-to-One Networking Meetings
17.10-17.35	The Liquid Hospital: the case study of BARCELONA CHILDREN'S HOSPITAL in Digital Health • Why the Liquid Hospital is a strategic project and not a technological one • Overview of the more than 20 projects that encompass the Liquid Hospital initiative • Lessons learned in 5 years of our Digital Journey: you don't need to make the same mistakes again! CONFIRMED: Jorge Juan Fernandez Garcia, Director of E-Health & Health, 2.0, Hospital Sant Joan de Déu – Barcelona Children's Hospital (HSJD), Spain Mobile Health for Patient Follow up: a Clinical Perspective Summary: The rapid evolution in consumer electronics, mobile technology and data communication will bridge the gap between the medical and the digital revolution and change the way we deliver health care in the future. Pieter Vandervoort is a practicing cardiologist at Ziekenhuis Oost-Limburg in Genk, Belgium and gets his inspiration from his clinical practice. He is pioneering the use of the internet, smartphones and wearable devices to follow up on patients outside the hospital. Ziekenhuis Oost Limburg has currently several hundred cardiac patients monitored by their "clinical call center" and is one of the largest in Belgium. CONFIRMED: Pieter Vandervoort, Professor & Head, Mobile Health Unit, Hasselt University, Belgium
17.35-18.00	Digital Health: Regulatory Challenges and Opportunities • Overview • Medical device classification • Health service regulatory issues • Telehealth - professional ethics • The pharma perspective CONFIRMED: Brian Kelly, Regulatory Lawyer, Covington & Burling LLP m-RESIST: Mobile Therapeutic Attention for Patients with Treatment Resistant Schizophrenia • Presentation of the first European mHealth project for patients with treatment-resistant schizophrenia: objectives and brief description • Relevance of the end-user involvement during the project lifecycle • Challenges: Interoperability, user acceptance and market. CONFIRMED: Margarita Hospedales Salomó, European Project Manager, TicSalut Foundation, Catalonia, Spain
18.00-18.25	ODYSSEE: A Multifunctional e-Counselling Platform to Promote Health and Quality of Life This presentation will highlight available findings from our multicentre, double-blind, randomized controlled trial of e-counselling for persons with heart failure, which was developed using the ODYSSEE e-platform. Reference will be made to our recent clinical trials for hypertension to illustrate key challenges for developing an e-counselling protocol that is (i) evidence-based, clinically grounded and standardized, and (ii) designed to improve self-care (lifestyle) behaviours and quality of life. Core design features for the e-counselling protocol will be reviewed. Finally, this presentation will summarize prototypical patterns of longitudinal User engagement with our e-counselling protocol for heart failure, using the analytic functions of the ODYSSEE platform. CONFIRMED: Rob Nolan, Director, Cardiac eHealth/Behavioural Cardiology Research Unit, University Health Network / University of Toronto, Canada
18.25-19.25	Small Company Showcase A series of shorter presentations from start-up companies showcasing some of the work they are doing in the Digital Health space For opportunities please contact Steve Hambrook on steve@globalengage.co.uk
19.25	Day 1 Close
19.25-20.25	Drinks Reception



Agenda: Day Two – Tuesday 1st December 2015

08.30-08.55	Coffee & Networking Meetings	
08.55-09.00	Stream Chair Welcome Address: Alexander Schachinger, Founder/CEO, EPatient RSD	
09.00-09.30	Keynote Address: The Learning Health System and Embedding Clinical Trials in Electronic Health Records The Learning Health System (LHS) describes the use of routine clinical systems to support effective research and knowledge translation. The EU FP7 TRANSFoRM project has developed a digital infrastructure for a LHS. TRANSFoRM has relied heavily on data standards and existing models, in particular the CDISC Operational Data Model and Study Data Model, widely adopted in the Clinical Research Industry. Using extensions to these standards, we have developed a simple 'plug-in' technology whereby most existing electronic health record systems can be adopted as a combined workflow and remote data capture device for trials. CONFIRMED: Brendan Delaney, Professor of Medical Informatics and Decision Making and Director Centre for Patient Safety & Service Quality, Imperial College London, UK	
09.30-09.55	My Data- Human Centric Approach for Organizing Personal Health Data, New Opportunities for Citizen Involvement • Human Centric: individual in control, transparency to personal data usage, privacy, trust • Usability of Data: guarantee data portability, machine readable, open formats, APIs, standards • Open Business Environment: interoperability, possibility to change services without "data locks" CONFIRMED: Maritta Perälä-Heape, Director, Centre for Health and Technology, University of Oulu, Finland	
09.55-10.25	Solution Provider Presentation For sponsorship opportunities please contact Steve Hambrook at steve@globalengage.co.uk	
10.25-11.15	Morning Refreshments and Poster Presentation Sessions One-to-One Networking Meetings	
11.15-11.45	Keynote Address: Title To Be Confirmed NHS Strategy for Integrated Digital Care Records and Digital Health Technologies CONFIRMED: Beverley Bryant, Director of Strategic Systems and Technology, NHS England, UK	
11.45-11.50	Health Informatics and Mobile Data	Implementation and Adoption Case Studies
	Stream Chair:	Stream Chair:
11.50-12.15	Title To Be Confirmed CONFIRMED: Michael Sauter, Senior Director Digital Health Technologies, Biogen, USA	MasterMind, Telemedicine Treatment for Depression. The presentation will give an insight into the MasterMind project, which aims to make high quality treatment for depression more widely available for adults suffering from the illness across 11 countries. The goal is to assess through implementation at scale the impact of cCBT and collaborative care facilitated by video conference. The project will identify barriers and success factors to implement the two services in different political, social, economic and technical health care contexts and from the perspective of different stakeholders such as patients, professionals and health insurances. CONFIRMED: Claus Duedal Pedersen, Chief Innovation Officer, Centre for Innovative Medical Technology, Odense University Hospital, Denmark & Mette Atipei Craggs, Innovation Consultant, Odense University Hospital
12.15-12.40	Title To Be Confirmed Health Informatics CONFIRMED: Theo Arvanitis, Professor of e-Health Innovation, Warwick University Institute of Digital Health, UK	Evaluating eHealth Interventions: What do people need to know, and how to find it out? eHealth interventions such as apps and online telehealth services form the core of future digital healthcare services, but pose a number of challenges. For example, they change fast, there are very low barriers to market entry and they form only part of new models of care. They also often integrate with other services such as electronic records, without which they can fail. This talk will explore the opportunities and challenges posed by eHealth interventions and the list of stakeholders whose needs must be satisfied. We will then discuss the main properties of eHealth interventions that need to be evaluated and appropriate evaluation methods, organised using Donabedian's classical analysis of the sources of quality in healthcare: its structure, processes and outcomes. CONFIRMED: Jeremy Wyatt, Professor & Chair in eHealth Research, University of Leeds, UK

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12.40-13.10		Solution Provider Presentation For sponsorship opportunities please contact Steve Hambrook at steve@globalengage.co.uk		Solution Provider Presentation For sponsorship opportunities please contact Steve Hambrook at steve@globalengage.co.uk	
13.10-14.10		Lunch			
14.10-14.35	Title To Be Confirmed EHR4CR Project	Telemedicine Reimbursement in the Italian Public Healthcare System: Solutions Adopted and Lessons Learned Reimbursement is a critical topic and we choose a way. Today's Telemedicine could be just a way of doing medicine, nothing new... this means that ECG is just an ECG, and so on. Doing it remotely (if it is done in a medical valuable framework) does not change from the reimbursement point of view. Radiologist shifted from analogic to digital Radiology (and reimbursement) without any "government" involvement. Medical aspect of telemedicine is the critical question. We are doing MEDICINE via TELE and Italian guidelines state the priority of MEDICINE in the regulatory framework (and lot of suggestions and rules are in the guidelines). Italian National Telemedicine guidelines will be explained and discussed CONFIRMED: Sergio Pillon, Director of Telemedicine, San Camillo-Forlanini Hospital, Italy			
14.35-15.00	Title To Be Confirmed Electronic Health Records CONFIRMED: Afzal Chaudhry, Chief Clinical Information Officer, Cambridge University Hospitals NHS Foundation Trust, UK	Title To Be Confirmed Reserved: Senior Representative, Novartis			
15.00-15.25	Title To Be Confirmed Reserved: Maria Häggglund, Senior Researcher, Health Informatics Centre, Karolinska Institute, Sweden	Title To Be Confirmed Strategy and Experience with Implementation of Telemedicine Systems in North Norway CONFIRMED: Sture Pettersen, Head for Innovation and implementation, Norwegian Centre of Integrated Care and Telemedicine (NST), Norway			
15.25-15.55	Panel Discussion: Health Informatics & Mobile Data - Integrating data into personalised medicine decision making - Electronic medical data in point-of-care diagnostics - Text mining - Management of data systems and security - How do we make best use of advances in health informatics - Usability of Data CONFIRMED: Sophia Ananiadou, Professor & Director, National Centre for Text Mining, University of Manchester, UK Invite to: Senior Representatives x4	Panel Discussion: Removing Barriers in the Implementation of Telehealth - Development of telemedicine services - Reimbursement of telehealth - Scope, applications, process, structure, and capacity issues - Operating a self-sustaining telehealth service - Clinical limitations and data security CONFIRMED: Martin Cartwright, Lecturer in Health Services Research, City University London, UK Invite to: Senior Representatives x4			
15.55-16.20		Afternoon Refreshments			
16.20-16.45	An Empirical Taxonomy of Clinical Information Systems in European Acute Care Hospitals There is a general consensus that the use of clinical Information systems (CIS) should lead to more efficient, safer, and higher-quality healthcare. However, the realization of these outcomes depends, among other things, on the level of CIS sophistication. This research develops a taxonomy of CIS sophistication in European acute care hospitals that is conceptually and empirically grounded. We utilize data collected by the European Commission and included 995 hospitals with complete information on the study variables in the analysis. Combining hierarchical and non-hierarchical cluster analysis algorithms with discriminant analysis, our study revealed four different clusters that are distinct and statistically different. The resulting taxonomy provides a new lexicon for researchers, policymakers, and healthcare executives for characterizing their evolving hospitals and identifying areas for improvement. CONFIRMED: Placide Poba-Nzaou, Professor, University of Quebec in Montreal, Canada	Developments in Standards for Telehealth Services: International Perspectives Telehealth services are developing in different ways (embracing mHealth, medication compliance, telecare, vital-signs and activity monitoring). The need for appropriate service standards has never been greater. This presentation positions telehealth in the public health arena where services can influence people's health literacy and lifestyles. Seen from this perspective it is argued that telehealth standards should, in the first instance, not be based on rigid formulae. Rather, a flexible approach is called for but which permits, wherever appropriate, the development and use of 'operational' codes for specific telehealth functions (such as virtual visits, access to personal records, etc.). In this way standards can help in service innovation. Experience in Europe, North America and Australasia is drawn upon. CONFIRMED: Malcolm Fisk, Senior Research Fellow, Coventry University, UK			

For more information please contact Steve Hambrook, Conference Director, Global Engage Ltd.

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16.45-17.10 **Title To Be Confirmed**
Tele-rehabilitation of heart patients

CONFIRMED:

Birthe Dinesen, Associate Professor & Head, Telehealth & Telerehabilitation Laboratory, Aalborg University, Denmark

17.10 **Chairperson's Closing Remarks & Conference Close**



Venue

London Heathrow Marriott Hotel

Bath Road
Hayes, UB3 5AN
United Kingdom

A discounted group rate is available to all attendees. Details of how to book are available on registration. Space is limited and accommodation is available on a first come basis.



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VENUE

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