



eCardiology
eHealth

3rd EUROPEAN CONGRESS ON eCARDIOLOGY & eHEALTH

Connecting cardiovascular clinicians and technology to deliver improved patient care

26 – 28 October 2016
Berlin, Germany



The Congress' scientific programme is officially endorsed by:



WELCOME

eHealth is reshaping right now the way doctors and medical professionals work and interact between themselves, with their patients thanks to new tools and data.

In order for eHealth to grow, it must be used everyday by practitioners and medical teams and it must answer the real need of those everyday professional users.

The third European Congress on eCardiology and eHealth is dedicated to the use of eHealth solutions in every aspect of cardiovascular care such as prevention, diagnosis, risk assessment, monitoring, education, counselling and treatment. Join us in Berlin, in October 2016, to present and highlight your

technological platforms, products and/or services in eHealth, focusing on eCardiology, and, thereby, partnering with us to build a stronger bridge, connecting clinicians and developers. Join us to facilitate useful and user-friendly translation of technology into real-world, clinical applications, to further improve cardiovascular patient care and clinical outcomes.

We look forward to having you with us, during the third edition of the European Congress on eCardiology and eHealth for what will be a thought-provoking and stimulating exchange forum amongst all active stakeholders in this fast developing field.

Sincerely,
Professor Hugo Saner, Congress Director

Core Faculty members

Hugo Saner

Department of Cardiology, Swiss Cardiovascular Centre, University Hospital, Bern, Switzerland

Nico Bruining

Thoraxcenter, Department of Cardiology, Erasmus MC, Rotterdam, The Netherlands

Friedrich Koehler

Medical Department of Cardiology and Angiology, Centre for Cardiovascular Telemedicine, Charité - Universitätsmedizin Berlin, Germany

Marek Malik

National Heart and Lung Institute, Imperial College, London, UK

Enno T. van der Velde

Department of Cardiology, Leiden University Medical Centre, Leiden, The Netherlands

Faculty members

Enrico Caiati

Dipartimento di Elettronica, Informazione e Bioingegneria (DEIB), Politecnico di Milano, Italy
Chairperson-elect ESC WG e-Cardiology

A. John Camm

Professor of Clinical Cardiology, Honorary Consultant Cardiologist, Institute of Cardiovascular and Cell Sciences, St. George's, University of London, and Professor Cardiology at Imperial College, London, United Kingdom.

Catherine E. Chronaki

Secretary General, HL7 Foundation, Belgium; Member of the Nucleus of the ESC WG on e-Cardiology, Belgium

Paul Dendale

Head of the Department of Cardiology at the Jessa Hospital and Professor at the University of Hasselt, Belgium
EACPR President-Elect

Goran Krstacic

Director of the Institute for Cardiovascular Diseases and Rehabilitation, Zagreb, Croatia. Professor of Cardiology at the University of Osijek

Lis Neubeck

School of Health and Social Care, Edinburgh Napier University President, Australian Cardiovascular Health and Rehabilitation Association (2015-2017)

Marc Lange

Secretary general, European Health Telematics Association (EHTEL), Belgium

Terje Peetso

Policy officer, Unit H1 - Health and wellbeing, Directorate-General Communications Networks, Content and Technology (DG CONNECT), European Commission, Belgium

Ewa Piotrowicz

Head of the Telecardiology Center at the Institute of Cardiology in Warsaw, Poland

Georg Schmidt

Chair of the Ethics Committee, Head of the Biomedical Signal Analysis Working Group, Technische Universität München, Germany

Panos Stafylas

Medical Coordinator/Evaluation Leader of eHealth projects, Health Information Management SL, Barcelona, Spain and Affiliated Academic Staff, Health Management, University of Macedonia, Thessaloniki, Greece

Marlien Varnfield

The Australian e-Health Research Centre, Health and Biosecurity, CSIRO, Australia. Member of Australian Cardiac Rehabilitation Association (ACRA) and Health Informatics Society of Australia (HISA), Australia

Matthias Wilhelm

Head of Preventive Cardiology & Sports Medicine at the University Clinic for Cardiology, University Hospital of Bern, Switzerland

Detlev Willemsen

Schüchtermann-Klinik Bad Rothenfelde, Germany, Head of the Cardiac Rehabilitation, Univ., Germany

24+ pre-arranged scientific sessions - 70+ abstracts - 35+ countries - 11 CME credits - Case-based discussions - hands-on demonstrations - daily startup showcases



The event **“Third European Congress on eCardiology and eHealth”** is accredited by the European Board for Accreditation in Cardiology (EBAC) **for 11 hours of External CME credits.**

Each participant should claim only those hours of credit that have actually been spent in the educational activity. EBAC works according to the quality standards of the European Accreditation Council for Continuing Medical Education (EACCME), which is an institution of the European Union of Medical Specialists (UEMS).

Registration to the Congress is now open !

Register right now to the congress and get access to interactive sessions, innovation/startup showcases, networking opportunities... Access to the Charité site visits (Oct. 26) is limited, and on a first come first served basis, so register now online on the website: <http://www.e-cardiohealth.com/>

PROGRAMME

Wednesday 26 October

eHealth at Charité – Universitätsmedizin Berlin (Campus Charité Mitte) Visit three sites to experience eHealth in Daily Practice:

- ➔ **Centre for Cardiovascular Telemedicine:** 24h/7d Remote Patient Management of High Risk Heart Failure Patients (3 visits of 30min)
- ➔ **STEMO - Stroke Emergency Mobile:** Specialized Ambulance Vehicle with Computed Tomography (CT) Scanner and Point of Care Laboratory Devices for Prehospital Thrombolysis for Patients with Acute Ischemic Stroke (2 visits of 30min)
- ➔ **Digital Pathology:** to improve the Quality and reduce Time of Diagnostics (1 visit of 60 min)

Departures from Langenbeck-Virchow-Haus: 14:45pm or 15:45pm

WARNING: only 10 persons per visit



Thursday 27 October

09:00-10:00

Inaugural Session

- ➔ **Welcome from Charité - Universitätsmedizin Berlin**, Axel Radlach PRIES, Dean of Charité-Universitätsmedizin Berlin
- ➔ **eCardiology and Cardiovascular Medicine - The ESC-Perspective**, Stefan ANKER, Vice President of European Society of Cardiology
- ➔ **Informatics and Medicine**, Christoph MEINEL, CEO and Director of the Hasso-Plattner- Institute Postdam
- ➔ **A Journey through eCardiology and eHealth**, Hugo SANER, Congress Director

10:00-10:30

Networking Break

10:30-12:00

Driving eHealth in Europe: People, Policy, Payment, Projects *(Joint Session with EHTEL)*

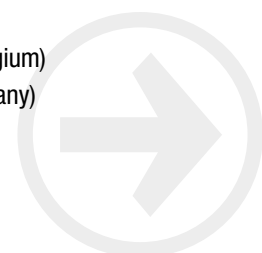
Chairs: Marc LANGE (Belgium) - Hugo SANER (Switzerland)

- ➔ **Responding to Societies' Needs: Digital Transformation for Health and Wellness**, Helmut BRAND (Austria)
- ➔ **EU Milestones towards Digitalisation of Health and Social Care**, Tapani PIHA (Belgium)
- ➔ **Adapting Health Systems and Reimbursement for eHealth and mHealth**, Johannes EISENBARTH (Germany)
- ➔ **Upscaling eHealth and Telehealth: The Need for Policy Engagement**, Rachel KAYE (Israel)

Monitoring and Telemedical Care in HF Patients *(Joint session with EACPR)*

Chairs: Paul DENDALE (Belgium) - Detlev WILLEMSSEN (Germany)

- ➔ **TELEREH-HF Multicenter Controlled Trial**, Ewa PIOTROWICZ (Poland)
- ➔ **TEMA-HF Study**, Paul DENDALE (Belgium)
- ➔ **Home-Monitoring of Chronic Heart Disease for Aged Care**, Marlien VARNFIELD (Australia)
- ➔ **Remote Monitoring in Resynchronization Therapy in Heart Failure**, Christophe SMEETS (Belgium)
- ➔ **Remote-Monitoring of LVAD-Related Parameters: the Medolution Project**, Nils REISS (Germany)



eHealth and Telemedicine in Arterial Hypertension - Oral Abstracts Presentations

Chair: Goran KRSTACIC (Croatia)

- ➔ **TRiHYP Study: (TeleRehabilitation in Arterial Hypertension)**, Karla GOESSLER (Germany)
- ➔ **SOPHOC: a Feasibility Study using Activity Trackers and Wireless Blood Pressure Monitors**, Elisabeth POUCHELON (France)
- ➔ **Remote Blood Pressure Monitoring in Long-Term Follow-up of Patients with Arterial Hypertension**, Denis KOMKOV (Russian Federation)
- ➔ **RE-HYPER: a Prospective Clinical Registry for Telemonitoring to evaluate Clinical outcomes of Patients with Arterial Hypertension**, Michelle SANTAREM (Brazil)
- ➔ **Web-based Teleconsultation Service in Patients with Arterial Hypertension**, Sabine SCHMIDT-WEITMANN (Switzerland)

Big Data in Medicine *(Joint Session with ESC Working Group eCardiology)*

Chairs: Enrico CAIANI (Italy) - Enno T. van der VELDE (Netherlands)

- ➔ **Big Data for Personalized Healthcare**, Nicole DENJOY (Belgium)
- ➔ **Big Data and Cardiovascular Diseases**, Peter ADORJAN (Germany)
- ➔ **New Technologies for Improvement of Healthcare Delivery**, Giulio BOGNOLO (UK)
- ➔ **Big Data in Cardiology: Current Perspectives**, Stefan VERHEYE (Belgium)

12:00-12:45

Industry Sponsored Session

(See Details on Page 8)

13:00-13:30

Lunch and Networking Break

13:30-15:00

From Clinical Research to Daily Practice *(Joint Session with EHTEL)*

Chairs: Terje PEETSO (Belgium) - Stephan SCHUG (Belgium)

- ➔ **Evidence form RCT on Remonte Management of Diabetes Patients**, Sandeep THEKKEPAT (UK)
- ➔ **Deploying in Real Life – Evaluation beyond RCT**, Panos STAFYLAS (Belgium)
- ➔ **Success Factors for Moving to Routine Services**, Wouter KEIJSER (Netherlands)
- ➔ **Round Table “Evidence for Practice”**

New Technological Developments for Remote Patient Management in Heart Failure Patients

(Joint Session with EHFA)

Chair: Hugo SANER (Switzerland) - Ulf LANDMESSER (Germany)

- ➔ **The ReDS-Technology**, Brent LAMPERT (USA)
- ➔ **Biomarkers at Home**, Fabian KNEBEL (Germany)
- ➔ **CardioMEMS Technology**, Birgit ABMUS (Germany)
- ➔ **Apps for Heart Failure Patients**, Pieter VANDERVOORT (Belgium)
- ➔ **Novel Mobile Application for Assessment of Extravascular Lung Water by Acoustic Analysis of Vocal Recording**, Chaim LOTAN (Israel)

eHealth in the Cathlab *(Joint Session with EAPCI)*

Chair: Karl STANGL (Germany)

- ➔ **Accurate Door-to-Balloon Time by In-Hospital Tracking of Emergency PCI Patients with a Smart Wristband**, Maaïke HERMANS (Netherlands)
- ➔ **Telemedicine for Pre-hospital Diagnosis in Triaging and Treatment of STEMI**, Joost DAEMEN (Netherlands)
- ➔ **The Box: Improving 1-Year Outcome after Acute Myocardial Infarction due to Self-measurements with Devices and a Smartphone**, Roderick TRESKES (Netherlands)
- ➔ **Need for Rapid Data Exchange with Ambulance and Hospitals for Optimal Treatment for Acute PCI**, Nico BRUINING (Netherlands)

New Technologies for Self-tracking *(Joint Session with ESC Working Group eCardiology)*

Chairs: Heinz VOELLER (Germany)- Enrico CAIANI (Italy)

- ➔ **Prognostic Value of Serial Six-Minute Walk Tests using Tele-Accelerometry in Patients with Chronic Heart failure**, Christoph SCHOEBEL (Germany)
- ➔ **Beat-to-Beat Heart Rate Detection by Smartphone's Accelerometers**, Enrico CAIANI (Italy)
- ➔ **Blood Pressure Monitoring by Smartphone Applications and Patient Management Software**, Gianfranco PARATI (Italy)
- ➔ **Quantified Self: Exploring Capabilities of Self-tracking and Public Acceptance**, Florian SCHUMACHER (Germany)

15:00-15:30

Networking Break

15:30-17:00

Closing the Gap between Technical Achievements and Real Applications *(Joint Session with ISfTeH)*

Chairs: Frank LIEVENS (Belgium) - Adolfo SPARENBERG (Brazil)

- ➔ **15 Years of Experience in Brazil with Digital ECG Technologies and Mobile Tele-ECG Applications**, Adolfo SPARENBERG (Brazil)
- ➔ **A new Model of Cardiovascular Emergencies Management. An Italian Experience**, Emanuela BURDESE (Italy)
- ➔ **Eliminating Technological and other Barriers for Large Scale Adoption of Patient Tele-Monitoring**, Shahram SHARIF (Belgium)
- ➔ **Artificial Intelligence and Cardiology: Achievements, Experiments and Perspectives**, Yann FLEUREAU (France)

Clinical Evidence and Ongoing Trials for Remote Patient Management in Heart Failure *(Joint Session with EHFA)*

Chairs: Gerhard HINDRICKS (Germany) - NN

- ➔ **Champion Trial extended**, Brent LAMPERT (USA)
- ➔ **IN-TIME**, Gerhard HINDRICKS (Germany)
- ➔ **MEMS-HF**, Christiane ANGERMANN (Germany)
- ➔ **TIM-HF II**, Friedrich KOEHLER (Germany)

Young Investigators Award Session

Chairs: Marek MALIK (UK) - Nico BRUINING (Netherlands)

- ➔ **Deep Neural Networks improve Atrial Fibrillation Detection in Holter: iECG**, Jia LI (France)
- ➔ **eEduHeart I: a Multi-Center Randomized, Controlled Trial investigating the Usage of a Post-discharge eLearning Platform for Cardiac Patients**, Ines FREDERIX (Belgium)
- ➔ **Screening for Atrial Fibrillation during Flu Vaccinations by Primary Care Nurses using a Smartphone Electrocardiograph (iECG): a Feasibility Study**, Jessica ORCHARD (Australia)
- ➔ **REMOTE-CR : a Randomized Controlled Trial comparing Real-time Remotely Monitored Exercise and Supervised Centre-Based Programmes for Patients with Coronary Heart Disease**, Jonathan Charles RAWSTORN (Australia)
- ➔ **Evaluation of an Algorithm for Predicting Paroxysmal Atrial Fibrillation (PAF) from Holter Monitor ECG signals in Sinus Rhythm and comparison of its efficacy in different follow-up periods**, Martin KROPF (Germany)
- ➔ **FIT@Home Study : Clinical Outcomes and Cost-Effectiveness of Home-Based Cardiac Rehabilitation compared to Centre-Based Cardiac Rehabilitation**, Jos KRAAL (Netherlands)

eHealth and Patient Empowerment *(Joint Session with Council on Cardiovascular Nursing and Allied Professions)*

Chairs: Lis NEUBECK (Australia) - Oliver DECKWART (Germany)

- ➔ **How to Successfully Engage Patients and the Public in eHealth**, Siobhan O'CONNOR (UK)
- ➔ **Patient Empowerment: Understanding Patient's Perspective**, Tina HANSEN (Denmark)
- ➔ **Role of Avatars in Personalisation of Apps**, Lis NEUBECK (Australia)
- ➔ **Improving Medication Adherence with Cardiac Patients**, Genevieve COOREY (Australia)

17:00-18:00

Case-based Discussions

17:00-18:00

Poster Presentations - "Walk through with Abstracts Authors"

18:00-19:00

Networking cocktail on the exhibition

Friday 28 October

08:30-10:00

ePublication - the Future in Medical Publishing?

Chairs: Pascal MEIER (Switzerland) - Hugo SANER (Switzerland)

- ➔ ePublishing for "New journals" - The Editor's Perspective, Stephan von HAEHLING (Germany)
- ➔ ePublishing for "Traditional Journals" - The Perspective of the Publishing House, Cécile MACK (Germany)
- ➔ The Role of Social Media, Pascal MEIER (Switzerland)
- ➔ Benefit and Risk of ePublication for Researchers and Academic Institutions, Jörg-Wilhelm OESTMANN (Germany)

eHealth Contribution to the Diagnosis of Atrial Fibrillation

Chairs: Michael OEFF (Germany) - Ewa PIOTROWICZ (Poland)

- ➔ Undiagnosed AF in General Population - Magnitude of the Problem, Marten ROSENQVIST (Sweden)
- ➔ EAST-Study: Hand-Held Tele-ECGs in Clinical Trials, Günter BREITHARDT (Germany)
- ➔ Detection of AF by Implanted Monitors, Roberto SASSI (Italy)
- ➔ Detection of Heart Rate and Heart Rate Stability by Hand-Held Devices, Johannes BRACHMANN (Germany)

How to use eHealth to tackle Cardiovascular Risk Factors *(Joint Session with EACPR)*

Chairs: Elisabeth STEINHAGEN-THIESEN (Germany) - Goran KRSTACIC (Croatia)

- ➔ Telemonitoring in Cardiovascular Prevention: Specific Needs in Central Eastern European Countries, Thomas ZDROJEWSKI (Poland)
- ➔ Smartphone App Support in Patients with Lipid Metabolism Disorders, Elisabeth STEINHAGEN-THIESEN (Germany)
- ➔ Weight Loss Improvement by Telemonitoring in Metabolic Syndrome Patients, Claus LULEY (Germany)
- ➔ Digital Tools in Cardiovascular Prevention as a Part of Integrated Care, Tobias BONTEN (Netherlands)
- ➔ Telehealth Interventions to Improve Glycaemic Control in Type 2 Diabetes Patients, Alexandra BARGIOTA (Greece)

Telemedicine and Mobile / Online Applications: Evaluation of Mobile Apps for Cardiology

Chairs: Catherine CHRONAKI (Belgium) - Nico BRUINING (Netherlands)

- ➔ The Development of Draft EU guidelines on mHealth App Assessment, Charles LOWE (UK)
- ➔ mHealth Assessment Roadmap in EU: the Role of the European Society of Cardiology, Julie BRETland (UK)
- ➔ Traffic-Light Based Classification of Mobile Apps, Lars GRIETEN (Belgium)
- ➔ Regulations for mHealth Applications: the Developers' Point of View, Martin WRIGLEY (UK)

10:00-10:30

Networking Break

10:30-12:00

Clinical Decision Support *(Joint Session with ESC Working Group eCardiology)*

Chairs: Marek MALIK (UK) - Enno T. van der VELDE (Netherlands)

- ➔ New Ways in Clinical Decision Support: IBM Watson Health, Nicky HEKSTER (Netherlands)
- ➔ Barriers and Facilitators to the Implementation of Clinical Decision Support System, John CRAWFORD (UK)
- ➔ Medical Device derived Biomarkers - An Enabler of Smarter Clinical Studies in Cardiovascular Medicine, Frank KRAMER (Germany)
- ➔ Clinical Decision Support System from Hand Held Echo and Multimodality Imaging for Stable Chest Pain Evaluation, Marco MAZZANTI (UK)

Remote Monitoring of Implanted Devices - Lessons learned from the RCT's

Chair: Hugo SANER (Switzerland)

- ➔ REM-HF, Martin COWIE (UK)
- ➔ Optilink-HF, Johannes BRACHMANN (Germany)
- ➔ IN-TIME, Gerhard HINDRICKS (Germany)
- ➔ Remote Monitoring of Automatic ICD Alerts, Christof KOLB (Germany)

Telerehabilitation - Current Evidence *(Joint session with EACPR)*

Chairs: Matthias WILHELM (Switzerland) - Paul DENDALE (Belgium)

- ➔ **Cost-Effectiveness of Cardiac Telerehabilitation in Coronary Artery Disease. Telerehab III Long-term Results**, Ines FREDERIX (Belgium)
- ➔ **Cardiac Telerehabilitation in Low-to-moderate Risk Coronary Artery Disease Patients-lessons from the FIT@Home Trial**, Jos KRAAL (Netherlands)
- ➔ **OptiCare Study**, Ron van DOMBURG (Netherlands)
- ➔ **Personalized Cardiac Rehabilitation with Apps - FI-STAR Project**, Stefan BUSNATU (Romania)

The Evaluation Framework of eHealth Projects: from Telemedicine to ICT-supported Integrated Care

Chairs: Nico BRUINING (Netherlands) - Michael RIGBY (UK)

- ➔ **Safety and Clinical Outcomes**, Andrea DI LENARDA (Italy)
- ➔ **Economic Outcomes & Organizational Changes**, Vanesa BENKOVIC (Croatia)
- ➔ **Patient Perspectives**, Vassilis ALETRAS (Greece)
- ➔ **Assessment of Transferability and Sustainability of eHealth Services across Europe: Hands-on Experience**, Panos STAFYLAS (Belgium)

12:00-12:45

Industry Sponsored Session

(See Details on Page 9)

13:00-13:30

Lunch and Networking Break

13:30-15:00

Ethical Issues in eHealth Technologies

Chairs: Georg SCHMIDT (Germany) - Enno T. van der VELDE (Netherlands)

- ➔ **Are eHealth Apps and Devices reliable?** Przemyslaw GUZIK (Poland)
- ➔ **Protection of Personal Data**, Cezary MAZUREK (Poland)
- ➔ **Certification Process in eHealth Technologies**, Georg SCHMIDT (Germany)
- ➔ **Impact on Public Health Insurance Companies**, Helmut PLATZER (Germany)

Novel ECG Platforms

Chairs: Marten ROSENQVIST (Sweden) - Marek MALIK (UK)

- ➔ **Wearable ECG Patches**, Emanuela LOCATI (Italy)
- ➔ **Mobile Phone ECG Applications**, Przemyslaw GUZIK (Poland)
- ➔ **Electrocardiographic Data Exchanges**, Roberto SASSI (Italy)
- ➔ **Utility of Large ECG Databases**, Claus GRAFF (Denmark)

eMedication

Chairs: Panos STAFYLAS (Belgium) - Hugo SANER (Switzerland)

- ➔ **Bridging the Gap of ePharmacy, Pharmacovigilance and mHealth: Where Do We Stand**, Anna GAWROŃSKA-BŁASZCZYK (Poland)
- ➔ **An ID-Wallet for Open Medication Management: Use Cases and Enabling Standards**, Jos DEVLIES (Belgium)
- ➔ **Equivalence and Substitution of Medical Products Across the European Union: Implications**, Karl STROETMANN (Germany)
- ➔ **The Medication List, Core Component of the International Patient Summary**, Robert VAN DER STICHELE (Netherlands)
- ➔ **eMedication Management between Physicians and Pharmacists**, Martin SCHULZ (Germany)

The Impact of Patient Summaries on the Practice of Medicine: What to Expect From eStandards

Chairs: Enrico CAIANI (Italy) - Marlien VARNFIELD (Australia)

- ➔ **Patient Summaries for the Heart Team: are eStandards meaningful in Heart Failure?** Suzanna HARDMAN (UK)
- ➔ **Enabling Better Healthcare, Wellness, and Learning Health Systems through eHealth and eStandards**, Kalra DIPAK (Belgium)
- ➔ **Summarizing Physiological, Emotional and Social Monitoring for Health Trends**, Francisco RINCON (Switzerland)
- ➔ **Connecting the Pieces with eStandards**, Catherine CHRONAKI (Belgium)

INDUSTRY SPONSORED SESSIONS

Thursday 27 October

BE PATIENT – WORKSHOP

12 noon – 12:50 (Von Langenbeck Room)

Cardiology in Transition: A New Era of Patient Participation and Digital Solutions

Fundamentally reinventing how care is delivered in an exclusive "eCardio Living Lab" that mixes our 4 innovative solutions:

- PoP: Perform screening tests to detect risk factors and deliver awareness programs
- Hospi: Improve care pathway efficiency through prehabilitation and rehabilitation programs
- Life: Engage patients in the management of their chronic disease through disease management programs and eCohorts.
- Reach: Support patients participation in clinical trials and implement real life evaluation programs (in partnership with UP smart follow-up)

Speakers:

- ➔ Frederic DURAND SALMON, CEO (France)
- ➔ Yves POUYES, Global Sales Manager (France)
- ➔ Morgane FOURNIÉ, Global Marketing Manager (France)
- ➔ Thomas MARTINELLI, Key Account Manager (France)

WITHINGS – SYMPOSIUM

12 noon – 12:50 (Rudolf Virchow Room)

Leveraging Smart Devices and Real-life Data to Prevent Cardiovascular Diseases.

Smart devices have paved the way for the intrusion of patient generated health data in healthcare.

Three things have changed in the past years.

First, a new generation of devices is bringing novel data directly to patients, but data that is also relevant to doctors (e.g. pulse wave velocity in a scale, blood pressure, heart rate monitoring, ecg...) This reveals not the consumerization of healthcare, but also the medicalization of consumer devices.

Second, investments have poured in healthcare IT, namely as part of 2008 stimulus package in the US that created massive incentives for hospital and practices to migrate their medical data electronic health records. The cloud now allows patient generated health data to flow in the medical practice.

Third, we are seeing the emergence of a value-based medicine model with Obamacare, pushing care providers to invest in remote monitoring services that demonstrate outcome (e.g. reduce uncontrolled hypertension among a given cohort, follow patients with CHF...). Cardiology is at the forefront of this paradigm shift, leading the way in using smart devices to advance its research and demonstrate impact of remote monitoring solution.

Speakers:

- ➔ Matthieu VEGREVILLE, Research Manager at Withings

Join the  **Stanford MEDICINE X** |  **Withings[®] Research Challenge**
THE INTERSECTION OF MEDICINE AND EMERGING TECHNOLOGIES Inspire health



What is the challenge?

A joint initiative designed to spark scholarly research activity on chronic diseases that can be managed using connected devices and data.

What are the prizes?

Mentorship from Withings & Medecine X and Withings devices for your study (total value: 100,000 USD).

Submit your proposal at: medicinex.stanford.edu/precision-research-challenge

VISIOMED – WORKSHOP « FSI² by BEWELLCONNECT »

17 :00 – 18 :30 (Rudolf Virchow Room)

An innovative approach to Screening and Diagnostic Strategies for Atrial Fibrillation through a participative Design Thinking Workshop

As a pioneer of Augmented Health, Visiomed wishes to offer a new experience to demonstrate concretely how innovation in e-Health can increase the quality, the swiftness of the medical response but also the level of services offered to patients. How may Connected Health and e-Health pragmatically solve day to day organizational medical problems encountered by both health professionals and patients?

Visiomed proposes attendees to join a workshop and resolve a very frequent medical organizational issue: The screening and diagnostic strategies for Atrial Fibrillation (AF), with up to 1/6 undiagnosed patients over 65 y/o in France .

- How connected health devices and services optimize the care paths
- How they facilitate the work of the various sectors of care and the daily life of the healthcare professionals, specialists doctor or generalists, nurses or paramedics and, of course, patients
- How these new medical devices and services impact care organization

What impacts can we expect from the augmented health revolution on the healthcare organization, on the care paths?

Gathered during one hour and a half, healthcare professionals and patients are submitted to a given medical issue (Screening and diagnostic of AF), guided by an experienced team of animators, they are able to think together in a multidisciplinary approach and design a concrete connected e-health solution.

Far from a conceptual or corporate approach to connected health, the workshop FSI² by BEWELLCONNECT will develop specific recommendations, quickly deployed, stemming from a real and multi-disciplinary experience, gathering various healthcare professional on a real medical issue.

Come to participate in the workshop FSI² by BEWELLCONNECT, sign up by filling out the form: [link form](#)

Speakers:

- ➔ Dr François Teboul, Visiomed Medical Director and guests



ENTER INTO BEWELLCONNECT EXTENSIVE ECOSYSTEM OF SERVICES AND MEDICAL DEVICES, FOR AN ACCURATE, HIGHLY PERSONALIZED, PREVENTIVE AND MOST OF ALL PREDICTIVE CARDIOLOGIC HOME CARE.

COME TO VISIT US
BOOTH G
Attend our
DESIGN THINKING WORKSHOP FSI²
on the 27th of october
from 5pm to 6:30 pm.
Room Rudolf Virchow (2nd floor)

PRACTICAL INFORMATION

WHERE

Langenbeck Virchow Haus
Luisenstraße 58/59 10117 Berlin (Mitte)

WHEN

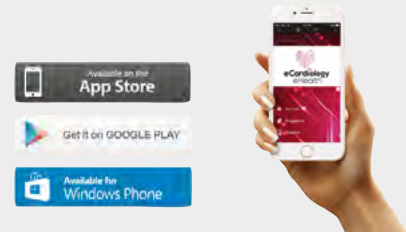
Wed. 26 October afternoon – eHEALTH AT CHARITÉ (pre-registration required)
Visit 3 sites to experience eHealth in Daily Practice

- ➔ Thursday 27 October 9:00 to 19:00 CONGRESS AND EXHIBITION
- ➔ Thursday 27 October 18:00 to 19:00 NETWORKING COCKTAIL ON THE EXHIBITION
- ➔ Friday 28 October 9:00 to 15:00 CONGRESS AND EXHIBITION

MOBILE APP

Download the official Mobile App of the European Congress on eCardiology and eHealth and get :

- ➔ All the latest info about the programme, the speakers, the partners, and more
- ➔ Exclusive access to the abstracts
- ➔ Exclusive contact opportunity with fellow participants – contact them now to network and optimize your experience of the Congress.



Patient-Centric
Digital Health Solutions for

Prevention
Screen. Assess. Act.
pop

Acute care
Prepare. Support. Follow.
hospi

Chronic care
Educate. Share. Engage.
life

Research
Recruit. Involve. Retain.
reach

Paris - Sydney - Los Angeles



INDUSTRY SPONSORED SESSIONS

Friday 28 October

MEDTRONIC – SYMPOSIUM

12 noon – 12:50 (Von Langenbeck Room)

FocusOn™, a Novel Approach to Monitor and Triage CIED Patients Remotely, Efficiently and Effectively

“While there will always be more patients to manage, there will never be more time to manage them” (Gimbel, 2012). Innovative services are needed to free healthcare professional time, contributing to healthcare sustainability.

Medtronic developed FocusOn™ to save time to healthcare professionals, enabling higher quality of care, through an additional layer of cardiac data analysts and cardiologists, who monitor and triage cardiac data generated by CareLink, using a protocol agreed with the treating physicians. The service communicates to healthcare professionals about the urgent cases, through emails and/or phone calls, so that they can promptly react, according to the treating physician’s judgments.

A European Patent has been submitted for FocusOn™.

Speakers:

➔ Dr. Harald SCHAEFER, (Germany)

Title of speaking slot: A Monitoring Center for implantable cardiac monitors: Clinical needs and early experience

➔ Dr. Gabriele GIANNOLA (Italy)

Title of speaking slot: Outsourcing cardiac data monitoring and triaging to improve efficiency and quality of care in ICD and HF patients



**FOCUSON™
INSIGHTS
THAT
MATTER**

A service that saves time to healthcare professionals and enables higher quality of care.

European Patent
Application Pending

¹ Medtronic Data on File from more than 500 patients Monitored and Triaged
² Cronin et al, 2012, Heart Rhythm, vol 9, n° 12

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Focus on
the 20%
that matters^{1,2}

**FOCUSON™
FREES UP TIME**

Less time spent on
non-actionable data means
more time for treating patients.

Medtronic
Further, Together

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