HIMSS Middle East

Integrated Health Innovations Conference

17 & 18 December 2014
Ritz Carlton DIFC
Dubai, United Arab Emirates

Supported by:

هيئة الصحة بدبي
DUBAI HEALTH AUTHORITY

مدينة دبي الطبية
Dubai Healthcare City

Wednesday 17/12/2014

08:00 - 09:00	**Registration and Coffee**
08:00 - 16:00	**Exhibition Open**
09:00 - 09:30	**Opening Keynote** Dr. Aisha Butti Bin Bishr, Assistant Director General, The Executive Office, Government of Dubai, United Arab Emirates
09:30 - 10:15	**Industry EMR Roundtable Discussion: Addressing the Unique Needs of the Region** Hamad Abdulaziz Al-Daig, Chief Executive Officer, CareLink/Allscripts Michel Amous, Country Manager, Middle East and India, InterSystems Mike Pomerance, Vice President and Managing Director, Middle East and Africa, Cerner Dr. Mohammed R Al Yemeni PhD, former Deputy Minister of Health, Saudi Arabia; an eHealth Subject Matter Expert; an Entrepreneur; and a Professor (Moderator)

Session Description:

Cerner, Allscripts and InterSystems are invited to discuss unique needs in the Region. Attendees will also be invited to join in this interactive question and answer session.

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10:15 - 10:45	**Break**
10:45 - 11:00	**Welcome Address** His Excellency Engineer Essa Al Haj Al Maidoor, Director General, Dubai Health Authority, United Arab Emirates
11:00 - 11:45	**What Workforce is Needed for Large-Scale Informatics Projects?** Professor William Hersh, MD, FACMI, FACP, Professor and Chair, Department of Medical Informatics & Clinical Epidemiology (DMICE), Oregon Health & Science University, USA

Session Description:

An often-overlooked aspect of large Health Information Technology (IT) projects is the human expertise required for successful projects. This includes not only expertise in IT but also in health/clinical informatics. Personnel must have collective expertise in healthcare, IT, project management, and organizational and management issues. This speaker will review what is known for the expertise and training of this spectrum of people required for successful Health IT.

Session Moderated by:

11:45 - 12:15

Why Pursue Stage 6 & 7 of the HIMSS Analytics EMRAM
John P. Hoyt, FHIMSS, FACHE, Executive Vice President , HIMSS Analytics, USA

Session Description:

- Explanation of EMRAM
- Detailed Explanation of Stages 6 & 7
- Quality & Safety Correlations with EMRAM Stages 6 & 7

12:15 - 12:25

HIMSS EMR Adoption Model Awards and Recognition Ceremony

Recognition Partner:

12:25 - 13:25

Networking Lunch

13:25 - 14:10

Open Health Data, Open APIs
Tomaž Gornik, Chief Executive Officer, Marand, Slovenia

Session Description:

Better data is key to improving outcomes, managing chronic disease and population health.

Data must be kept and accessed for the lifetime of the patient, but most health data today is vendor dependent, proprietary, tied to the application that produced it. Vendor independent health data as a key requirement for the future.

The presentation describes the use of the "open data, open APIs" concept in several real world use cases.

Industry Solution Session - Delivering a National Electronic Care Record for Every Citizen – The Northern Ireland Journey So Far
Desmond O'Loan, eHealth Strategy, Design & Programme Control Manager, Health & Social Care Board, Northern Ireland

Session Description:

Mr O'Loan will give an overview of Northern Ireland health system and share the journey from initial ideas to a live implementation of the Northern Ireland Electronic Care Record (NIECR) used by over 18,000 clinical staff across Northern Ireland.

The session will cover the political and organisational challenges faced as well as the practical design, build, adoption and roll out of the solution highlighting various use cases and some of the benefits the Northern Ireland health economy is currently experiencing. He will outline

future plans and vision for the NIECR and some the challenges ahead.

From this session you should be able to identify many of the challenges to be overcome to successfully implement a regional Electronic Care Record.

Session Sponsored by:

14:10 - 14:20 Session Transition

14:20 - 15:05 **Personal Performance Measures**
Dr. Khalid Alodhaibi, MBA, PhD, Executive Director of Health Informatics and Chief Information Officer, King Fahad Medical City, Riyadh, Kingdom of Saudi Arabia

Session Description:

Industry Solution Session - Engaging Patients Across the Care-Continuum
Michael B. O'Neil Jr., Founder & Chief Executive Officer, GetWellNetwork, USA

Session Description:

An informed patient is a better patient. As a cancer survivor, Michael O'Neil focuses on the importance of

This presentation will touch on:

- Why it is important to evaluate staff

- How to conduct the evaluation system

- Experience at KFMC

- What to watch for

- Is it easy

engaging, educating and empowering patients and families in the management of their health.

He will explain how a patient-centered, cross-continuum approach to care improves both satisfaction and outcomes for the patient, hospital and community. GetWellNetwork builds technology that connects patients and families with caregivers, and enables people to take an active role in their health-care journey.

Session Sponsored by:

15:05 - 15:15 Session Transition

15:15 - 16:00

Industry Solution Session - Enabling the EHR with Speech Recognition - A Natural Synergy
Dr. Manish Kohli, Chief, Medical Informatics, Cleveland Clinic, Abu Dhabi, UAE
Dr. Amit Kumar, Specialist Vascular Surgeon, BR Medical Suites Dubai, UAE
Brian Raggett, Practice Manager, Cerner Middle East,

Industry Solution Session -- How Customers Benefit from Oracle's Integrated Health Solutions & Enterprise Healthcare Analytics
Marc Perlman, Global Vice President, Oracle Healthcare, Oracle Life Sciences, Oracle Education and Research , Oracle Industry Solutions Group
Craig Rhodes, EMEA Principal Architect, Oracle Health

Dubai, UAE
Ahmad Yahya, Chief Information Officer, Sheikh Khalifa Medical City in Abu Dhabi, UAE
Dr. Nick van Terheyden, Chief Medical Information Officer, Nuance Communications, USA

Session Description:

The intention is to have a broad discussion on the benefits, challenges and opportunities around speech enablement in the Electronic Health Record.

Session Sponsored by:

Sciences Global Business Unit

Session Description:

Global healthcare organizations are on a journey to connect healthcare to improve care, care condition, chronic illness while advancing medical science. This is dependent on tightly integrated and interoperable systems which power new analytics and clinical intelligence solutions. This session will cover a number of leading case studies and discuss how local and regional HC entities can benefit from improved connectivity and business intelligence to solve critical healthcare issues.

Session Sponsored by:

16:00 - 16:10 Session Transition

16:10 - 16:55 **Google Glass Is That All?**
Dr. Frédéric Ehrler, PhD, Professor and Chairman, Division of Medical Information Sciences, University Hospitals of Geneva, Switzerland

Session Description:

This presentation will give an overview of glasses, from the "Glas VGA projector", to Google Glass, to Augmented reality and finally virtual worlds. 3D virtual example in hospitals will be shown.

Thursday 18/12/2014

08:00 - 09:00 **VIP Networking Breakfast (Limited Availability)**
Select Premium when registering to participate in this exclusive networking opportunity

08:30 - 09:00 **Registration and Coffee**

08:30 - 15:00 **Exhibition Open**

09:00 - 09:40 **Keynote Session - The Global Lab For Innovation: Scanning For Innovations That Create New Value in Healthcare**
Dr. Molly Joel Coye, MD, MPH, Chief Innovation Officer, University of California, Los Angeles (UCLA), USA

Session Description:

The UCLA Global Lab for Innovation scans healthcare everywhere for high-value innovations that radically reduce cost and improve access. Innovators from Los Angeles to Dubai and Singapore have recognized the imperative of reaching more people at lower cost. They are experimenting and building novel, exciting technologies, business models, and products and services. Some of these can be readily transferred across markets and rapidly scaled. Such innovations produce enough value to significantly lower the total cost of care for many populations within a few years.

09:40 - 09:50 **Plenary Session - We Have The IT, But Can We Use It? Usability of Health Information Technology and Smart Services**
Dr. Robert Schumacher, Ph.D., Executive Vice President,

Session Transition to Invitation Only Data Governance Workshop

User Experience, GfK, USA

This Workshop is by **Invitation Only**

09:50 - 10:00

Welcome Note

Dr. Mohammad Al Redha, Director, Health Data & Information Analysis Department, Dubai Health Authority, UAE / President of Emirates Health Informatics Society, UAE

Session Description:

If we don't set out to make software applications and devices difficult to use, why are they often so difficult to use? In this presentation, we will take a serious look at the 'human in the loop': What is usability and user experience and why is it important in digital health?

Drawing on experience and example, we will show where poor usability costs lives and negatively impacts patients and providers.

Poor user experiences also result in huge losses in productivity and retards return on investment.

Inauguration of the Health Data Governance Workshop

09:40 - 10:20

The Balance between Patient Safety & Integrity: Scandinavian Lessons

Hakan Nordgren, Senior Medical Advisor, InterSystems

The user interface should be treated as seriously - perhaps even more so - as all other aspects of interconnectivity.

We have the knowledge and the skill to design a more usable world.

We will discuss the important steps that can be taken to ensure that the tools we give our users are safe, effective and usable.

10:20 - 10:30

Session Transition

10:30 - 10:50

Introduction: The 10 Potentially Game Changing Technology and Care Practice Demonstrations

Health Information Stewardship Complexities & Enablers

Dorothy Whittick, Global Leader for the Healthcare Center

of Competency, IBM, Canada

Session Description:

This plenary session introduces the first ever rapid fire series of innovative healthcare practices and mHealth Innovations. Registered delegates from healthcare and governmental organizations will evaluate each demonstration and the highest ranked application will receive the HIMSS Middle East Healthcare Innovation Award. As part of the series, participating organizations have 10 minutes to demo why their service is going to be a game changer for healthcare stakeholders in the Middle East.

10:50 - 11:00

Demonstration 1 - Physical Therapy at Home by Dubai Health Authority
Dr. Mohammed Al Swaini, Consultant & Acting Head of PMR Department, Rashid Hospital, UAE

Session Description:

The presentation will to discuss the needs that DHA sought to address, how the technology addressed those needs, the scope of the project and the feedback received from patients and healthcare providers.

11:00 - 11:10

Demonstration 2 - Abu Dhabi Telemedicine Centre
Haakon S. Rist, Assistant Marketing Manager, Abu Dhabi Telemedicine Centre

Hasan AlAttas, General Manager, Abu Dhabi Telemedicine Centre

Session Description:

Abu Dhabi Telemedicine Centre, a partnership between Mubadala Healthcare and Swiss Telemedicine leader Medgate, has enrolled 1.2 million Daman members for medical teleconsultation services since July 2014 to help increase healthcare access, efficiency, and satisfaction for patients in the UAE.

11:10 - 11:20	**Demonstration 3 - Nuance Healthcare** Dr. Nick van Terheyden, Chief Medical Information Officer, Nuance Communications, USA	Coffee Break

Session Description:

Dr Nick uses speech recognition daily in the hospital that employs him. Today, he dictates a soap note at his office, on his desktop, in the EMR. He decides to create a text block (an autotext) that he might frequently need, to not have to dictate over again each time. He has to leave urgently to see a patient, takes his iPad, logs into the EMR on his iPad and along his emergency visit, on the go, creates another soap note (using the recently created text bock). He saves tremendous time by utilizing one speech profile , anywhere, anytime.

11:20 - 11:30	**Demonstration 4 - What About Tomorrow? How a single decision can make the Middle East the global center for Health IT** Jacob Plummer, Vice President, Global Business Development, Allscripts International	**Patient Identification Challenges in Health Information Governance** Ammar Al-Badarneh, Assistant Director & Chief Architect –Strategy Management Office Information & Communication Technology, Ministry of Health, KSA

Session Description:

By studying network technologies in the social media and consumer electronics space, it is clear that many great achievements are delivered not by single applications, but rather by platforms that *enable* applications to reach their full potential by working together. How do we apply this insight to advance Community and Population Health insights?

Allscripts will present a platform technology, the Community Health Platform, that makes EMRs and dozens of other clinical applications more powerful and meaningful than before possible. We will demonstrate how, with today's technology, data can automatically be brought together into a single integrated, unified workflow, with impressive clinical adoption rates.

But, this is just a beginning. Using the Community Health Platform will transform healthcare as it exists today, but what about tomorrow? In our final comments, we will present how the Middle East region has the potential to apply this technology in a way never done before, in a way we believe will make the Middle East region into the global center for Health IT entrepreneurship and innovation.

11:30 - 11:40 **Evaluation of Demonstration 1 - 4**

11:40 - 11:50 **Demonstration 5 - The Smart Nurse System**
Mr. Ahmad Mohammad Jaradat, Nurse Educator (Informatics Nurse Specialist), Nursing In-Service Education Unit, Dubai Hospital, United Arab Emirates

Session Description:

This project (The Smart Nurse System), is aimed at improving the patient appointments scheduling system, to allow for easy tracking of patient biographic data, visits and treatment protocol thus improving patient satisfaction, create organized workflow and to reduce the percentage of patients showing up without appointment, and reducing appointments that nurses forgot to document.

11:50 - 12:00

Demonstration 6 - The Way to Patient Level Costing at King Faisal Specialty Hospital & Research Center
Umang Nahata, Chief Executive Officer, Evolutionary System Pvt Ltd.

Health Data Governance Models in Action
Dr. Miroslav Koncar, Director, Healthcare and Education Industry, Oracle ECEMEA

Session Description:

King Faisal Specialty Hospital & Research Center (KFSH&RC) from Saudi Arabia is ranked amongst top 50 hospitals in the world. With more than 1200 beds & 12,000 employees it is one of the largest facilities of the country and the region's 1st HIMSS Stage 6 Analytics Hospital.

The demoed Enterprise Performance Management (EPM) solution allowed the customer to link corporate strategy to operational decision making and improving the utilization and performance of all organizational levels from specialty, department, clinician and even to the patient.

12:00 - 12:10

Demonstration 7 - How UK NHS Business Services Authority Processes 4 Million Prescriptions/Day To Detect Fraud And Improve Best Practice
Simon Stone, Clinical Architect, Oracle

Session Description:

NHS Business Services Authority (BSA) of the United Kingdom manages a $50bn budget and is responsible, amongst other duties, for prescription reimbursement.

They receive 4mn prescriptions per day and need to find drugs misuse, fraud and error as well as monitor and promote best practice (drug administration versus outcomes at national level).

The demoed Oracle Endeca Information Discovery (OEID) solution is able to find hidden patterns in this vast amount of data by combining structured, unstructured and geo-coded information.

12:10 - 12:20

Demonstration 8 - Optimization of Blood Products Donation & Transfusion Process Through The Use of Technology
Mohammed H. Al Hajjy, BSN MSc CPHQ CPHHA F,

Clinical Application Specialist, Healthcare Information Technology Affairs - HITA, King Faisal Specialist Hospital & Research Hospital, Riaydh, Kingdom of Saudi Arabia

Session Description:

A combination of human and system factors have resulted in either delayed or cancellations of surgical procedures due to unavailable blood products. This was resolved by automating the workflow of requesting, donating, reviewing, and reporting blood products to optimize care delivery.

12:20 - 12:40	**Evaluation of Demonstration 5 - 8 and Duhur Prayer Break**	Duhur Prayers
12:40 - 12:50	**Demonstration 9 - Population Health Management In Action** Deirdre Stewart RGN, RPN, PG Dip HCI, Chief Nursing Officer, Director, Cerner Middle East	**Panel Discussion: What do we hope to achieve? Health Data Governance: Local Barriers to Sharing Data with 3rd Parties**

Session Description:

The *Cerner* Health eRegistries solution provides visibility to the risk factors and disease processes for the health care organization or provider's population and how their population is performing across various outcomes measurements.

Moderator: Dr Hassan Al Muhairi, Khalifa University

With Representatives from DHA, HAAD, SEHA & UAE Smart Government

Scorecard views enable health care providers to have full visibility of performance based upon specific quality and performance metrics. Populations can also be identified for outreach.

For example, providers can identify all diabetic patients who are due for a foot exam and send a notice to schedule their next appointment.

12:50 - 13:00

Demonstration 10 - The Strive For Excellence
Clare Green, Senior Product & Business Development Manager, Clinical Solutions, Elsevier (EMEALA)

Session Description:

Elsevier Workflow Solutions allow you to collaborate, plan and research right within your workflow so you can make smarter clinical decisions faster.

13:00 - 13:10

Demonstration 11 - Pharmaceutical compounding using Google glass
Dr. Frédéric Ehrler, PhD, Professor and Chairman, Division of Medical Information Sciences, University Hospitals of Geneva, Switzerland

Session Description:

Compounding pharmacists must remain diligent in their compounding skills and decisions related to compounded formulations, particularly in the preparation of high-risk compounded preparation, which pose the greatest risk to patients.

The unique features of the Google glass simplify the access to clear protocols for the preparation of pharmaceutical compounds and reducing the associated errors.

13:10 - 13:15	**Evaluation of Demonstration 9 - 11 and the Final Evaluation**	
13:25 - 13:30		**Concluding Remarks** Dr. Osama El-Hassan, Head of eHealth, Dubai Health Authority
13:15 - 14:15	**Networking Lunch**	
14:15 - 14:45	**Award Ceremony: HIMSS Middle East Healthcare Innovation Award**	