



## Tuesday 11/04/2017

08:30 - 09:00

Registration and Coffee

09:00 - 13:30

Exhibition Hall Opens

09:00 - 09:20

### **theClinicians: A Mobile Application to Facilitate Communication Between Healthcare Providers in Saudi Arabia**

Dr. Ahmed A. Alfares, Paediatric Consultant, Qassim University, Kingdom of Saudi Arabia

theClinicians is a smart-phone application available to all registered physicians in Saudi Arabia working in small hospitals or in peripheral areas that will provide them with the ability to consult any appropriate specialized physician in the country. The application would also serve as an educational tool for both types of users and will raise the efficiency of health personnel in small health centers and in peripheral areas, overcoming some limitations of freely available chat software or unreliable mobile applications.

09:20 - 09:40

### **Clinical Decision Support System and Medication Safety**

Mohab Mohamed Manna, Clinical IT Analyst, Pharmacy Informatics, King Fahad University Hospital, Kingdom of Saudi Arabia

Clinical decision support systems are interactive computer programs or other tools, which are designed to assist physicians and other health professionals with decision-making tasks usually at the point of care. The project was innovative in building the CDS modules in house without the need of buying the modules from third party, which gives us a great opportunity to customize the modules toward our hospital needs and Saudi market, which has a great impact toward our patient safety.

09:40 - 10:00

### **Clinical Information Systems E-Library: Transforming Education Through Technology - a Nursing Informatics Department Initiative**

Doaa Abdelaal Aly Abdelaal, Nursing Informatics, Hamad Medical Corporation, Qatar

Utilization of technology in education is considered a fundamental pillar for the improvement of knowledge and practice. Embedding technology within nurses' education is critical to provide quality and safe patient care. In line with Nursing Informatics mission of professional excellence, Clinical Information Systems E-Library advances & applies technology and knowledge to transform the training we provide to nurses to improve their care to the patients and improve compliance to the documentation standards.

10:00 - 10:20

### **How to Select Your Hospital's Tracking & Monitoring System?**

Awad Al Rasheed, Director, Patient Services, King Fahd Medical City, Kingdom of Saudi Arabia

This session will discuss developed tracking tools to optimize patient flow, reduce waiting times and empower strategic decision making. These tracking tools and process are used to identify the most efficient model for routing patients through the healthcare facility and determine the number of provider resources needed for staffing. In addition to this, the tracking is highlight primary factors affecting patient care and notify the concerned personnel.

10:20 - 10:40

### **Leveraging Health Informatics to be a Quality Lighthouse Platform: Moving from a Data Entry Tool Towards a Performance Monitoring System**

Mohammed Alhajjy, Medical Informatics Specialist, Healthcare Information Technology Affairs (HITA), King Faisal Specialist Hospital and Research Centre (KFSHRC), Kingdom of Saudi Arabia

Quality in healthcare is a vital element that concerns patients, providers, and decision makers. It plays a key role in delivering patient care safely and according to best standards. However, this might be challenged due to organizations culture, processes complexities and human factors where inconsistency can impact quality and patient safety! Thus, quality activities and functions have been transformed from being manually tracking patients care delivery to be embedded into automated electronic platforms that enhances efficiency and effectiveness of the provided care.

Moreover, health IT has been evolving significantly and exceeds customers and providers expectations and demand due to its predictive monitoring measures which are powered by the system capability that retrieve, store, alert, and enter clinical information. These processes and functions are automated and feasible to healthcare providers in day to day operations. Eventually, quality functions have been also developed over-time through the use of technology to optimize and sustain patient safety and quality to meet patient requirements. This case study, explores the importance of merging both quality functions along with health IT scope in order to achieve high reliability through active and none voluntary monitoring. It also explores ways for improvements by streamlining the process of performance and outcomes monitoring on regular basis which are based on standardized best practices.

10:40 - 11:00

### **Reporting Near Misses - A Sure Win! (Implementing a Sustainable Good Catch Program)**

Zyad Aldaham, Director of Quality Management, Security Forces Hospital, Kingdom of Saudi Arabia

The lack of reporting near misses in all clinical and non-clinical areas resulted in a corrective, rather than, preventive mindset among hospital employees. The aim of our project was to utilize the electronic reporting system to increase awareness of the importance of reporting near misses and learning from the mistakes before they affect patients.

Therefore, an intervention was conducted to improve the culture of reporting, the preventive mindset and the awareness of patient safety.

11:00 - 11:20

**Occurrence Variance Accident Report System (OVAR)**

Eng. Khalid Mohammad Albarakati, HOD of Web Portal & e-Services, Information & Communications Technology, King Abdullah Medical City, Kingdom of Saudi Arabia

11:20 - 12:00

**Change Management Roundtable**

Eng. Ahmad Barradah, Executive Director Health Informatics and Information Technology (HIIT), King Fahad Medical City, KSA

Eng. Mansour Saad Al-Swaidan, Director of Patient Care System, Department of eHealth & ICT Project, Ministry of Health, Kingdom of Saudi Arabia

Remi Gulzar, Director of CIO, Gartner, The Netherlands

12:00 - 12:20

**The Journey to Excellence at Prince Sultan Military Medical Center (PSMMC)**

Brig. Gen. Pharm. Sultan Ibrahim Al Faya, Director of Continuous Quality-Improvement and Patient Safety, Prince Sultan Military Medical City (PSMMC), Kingdom of Saudi Arabia

12:20 - 13:30

Networking Lunch

13:30 - 15:30

**Sources of EMR Systems (Pros and Cons)**

Eng. Mansour Saad Al-Swaidan, Director of Patient Care System, Department of eHealth & ICT Project, Ministry of Health, Kingdom of Saudi Arabia

This workshop aims to provide information and knowledge about the different EMR sources available in the market as well as provide attendees the understanding of pros and cons of these sources, guided by the client selection criteria.

This session will be held in the Milan room.