

**EMBARGOED UNTIL 7.30PM, MONDAY 15 SEPTEMBER**

## **HIMSS-ELSEVIER DIGITAL HEALTHCARE AWARDS HONOUR OUTSTANDING ACHIEVEMENTS IN HEALTHCARE TECHNOLOGY**

*LEADING INSTITUTIONS HONOURED FOR INFOCOMM, RETURN-ON-INVESTMENT AND  
INNOVATION ACHIEVEMENTS*

**15 September, 2014 (Singapore)** – The second annual **HIMSS-Elsevier Digital Healthcare Awards** were presented this evening, honouring outstanding achievements in the field of healthcare information technology across the Asia-Pacific region. The ***HIMSS-Elsevier Digital Healthcare Award and Reception Dinner*** were held at Marina Bay Sands Expo and Convention Centre, Singapore.

Inaugurated by **HIMSS (Health Information Management Systems Society) Asia Pacific** and **Elsevier**, the world's leading provider of scientific, technical and medical information products and services, the awards recognised achievements in Information Communications Technology (ICT), Return-on-Investment (ROI) and ICT Innovation. The winners included healthcare providers from Hong Kong, India, Korea, China and Singapore.

Healthcare providers in the Asia-Pacific region are constantly managing a number of medical and operational priorities, while keeping up with the latest advancement in technology and medical sciences. The **HIMSS-Elsevier Digital Healthcare Award** was incorporated in 2013 with the aim to recognise organisations that are pushing the envelope with healthcare digitalisation initiatives that not only drive efficiencies, but also elevate and improve the quality of care for patients.

### **OUTSTANDING ICT ACHIEVEMENT**

The Outstanding ICT Achievement category recognises the achievement in harnessing ICT to provide significant improvement and has been effectively used by the awarded hospitals to significantly improve patient care and outcomes and/or address major challenges faced by the hospitals.

- **ED Real-Time Dashboard System, Changi General Hospital (CGH) & Integrated Health Information Systems, Singapore** – The Enterprise Management Dashboard (EMD) system, rolled out in 2013 at CGH's Accident & Emergency (A&E) department, helped to better manage the long queues and bed shortages, as well as to increase productivity of the hospital's staff. Waiting times were reduced by 40%, from 40 to 23 minutes, and patients' overall satisfaction scores increased by more than 10% that year.

- **Inpatient Medication Order Entry (IPMOE) Implementation Project, Tseung Kwan O Hospital, Hong Kong** – The IPMOE system allows for drug prescriptions, dispensing and administration to be done in a fully-electronic environment. This has been a significant improvement from the previous system which saw prescriptions on paper submitted to pharmacies manually, to be entered into the electronic pharmacy dispensing system.

### **OUTSTANDING ICT INNOVATION**

The Outstanding ICT Innovation category recognises the most innovative, creative and "out-of-the-box" ICT solutions used to improve patient care and safety. This can be in the form of leveraging on existing technology to come up with new and creative usage of ICT to significantly enhance patient care and outcome, or developing a ground-breaking technology that leads the way in ICT adoption.

- **Real-time Ambulatory Patient Information Deployment Enabler (RAPIDE) System, National Cancer Centre Singapore (NCCS) and Integrated Health Information Systems, Singapore** – NCCS' RAPIDE system has used RFID (Radio Frequency Identification) technology to provide healthcare staff at the centre's Ambulatory Unit with quick, real-time visibility of patient locations, drug status and resource availability. The system has reduced wait times by 8%, as well as ensuring that 56% of pre-scheduled patients receive treatment within 30 minutes of registration, compared with 38% prior to the implementation of RAPIDE. Nurses also save 825 man-hours annually that were previously spent manually searching for available resources.
- **"I-SEE-U": Virtual Visits to ICU, Enhancing Patient Care – Apollo Telemedicine Networking Foundation, a unit of Apollo Hospitals Enterprise Ltd, India** – A patient-friendly, cost-effective and self-sustaining service that allows authorised friends and relatives of ICU patients' to interact virtually. This also allows duty doctors and nurses to communicate with their patients from anywhere in the world via an Internet connection.

### **OUTSTANDING ROI ACHIEVEMENT**

The Outstanding ROI Achievement showcases the return on investment (ROI) and the substantial benefits and value derived from the use of health ICT. The awardees are able to present the benefits of adopting ICT and justify ICT investments.

- **Enterprise-wide Adoption of Desktop Virtualisation, Seoul National University Bundang Hospital, South Korea** – The hospital engaged in a five-year cost-benefit analysis for 400 virtual machines, which gave healthcare workers a connection to the computer environment at any time, with any device, and found that the break-even point of the investment was reached in the fourth year of its implementation. The ROI was found to be 122.6%, based on analysis of reduced PC errors and difficulties, improved update times, and account management times.

- **ERP-based Upgrading of Hospital Operation Management, Peking University People's Hospital, China –**  
Following three consecutive years of financial losses, the hospital launched an IT-enabled upgrading of its management systems, to enhance service efficiency and reduce operational costs without compromising service quality. As a result, the number of outpatients, emergency patients and discharged patients experienced significant growth without a corresponding increase in workforce. The hospital also saw reductions in average patient stays from 12 to 9 days, and by 2012 annual revenues, operational efficiencies and profits had increased significantly.

Speaking at the awards, Mr. Steve Lieber, CEO, HIMSS, said, "The HIMSS Elsevier Digital Healthcare Awards exemplify the best achievements in this ever-growing field of healthcare technology, and show how innovation has proven to have a positive effect on the industry. The awards also show how events such as HIMSS AsiaPac 14 have a direct impact on these healthcare institutions, as they take away key ideas and learn of new technologies to improve their processes, and provide their patients with the very best care available."

Said Gerrit Bos, Elsevier's EVP & MD of Health Solutions for Europe, Middle East, Latin America and Asia Pacific: "Across the Asia Pacific region, we're witnessing the broad and rapid adoption of digital technology by healthcare institutions to increase operational efficiencies and improve patient care. This year's HIMSS-Elsevier Digital Healthcare Awards have attracted a greater number of and higher quality case submissions on how smart and innovative deployment of the right technology can go a long way in making a real change and difference in healthcare environments."

The **HIMSS Elsevier Digital Healthcare Awards** were held as part of **HIMSS AsiaPac 14 – Digital Healthcare Week**, a four-day event held at Marina Bay Sands Expo and Convention Centre, Singapore, bringing together leading industry speakers to provide a unique learning and networking opportunity for government policymakers, hospital senior executives, care providers, clinicians, nurses, healthcare IT professionals and technology companies to come together to collaborate and share with the common goal towards improving the quality and accessibility of care for patients.

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### **About HIMSS AsiaPac - Digital Healthcare Week**

Now into its eighth edition, HIMSS AsiaPac14 - Digital Healthcare Week (HIMSS AsiaPac14) is a four-day event held at Marina Bay Sands Expo and Convention Centre, Singapore, bringing together leading industry speakers to provide a unique learning and networking opportunity for government policymakers, hospital senior executives, care providers, clinicians, nurses, healthcare IT professionals and technology companies to come together to collaborate and share with the common goal towards improving the quality and accessibility of care for patients.

## **About HIMSS Asia Pacific**

HIMSS is a cause-based, not-for-profit organisation exclusively focused on providing global leadership for the optimal use of information technology (IT) and management systems for the betterment of healthcare. Founded 52 years ago, HIMSS and its related organisations are headquartered in Chicago with additional offices in the United States, Europe and Asia.

HIMSS represents nearly 50,000 individual members, of which more than two thirds work in healthcare provider, governmental and not-for-profit organisations. HIMSS also includes over 570 corporate members and more than 225 not-for-profit partner organisations that share our mission of transforming healthcare through the effective use of information technology and management systems.

HIMSS frames and leads healthcare practices and public policy through its content expertise, professional development, research initiatives, and media vehicles designed to promote information and management systems' contributions to improving the quality, safety, access, and cost-effectiveness of patient care.

## **About Elsevier**

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