



## Media Release

### *For Immediate Release*

#### **Institute of Mental Health Achieves Global Recognition with HIMSS Analytics EMRAM Stage 6**

- *First Psychiatric Hospital outside of North America to be Awarded Stage 6*

*Singapore, 24 August 2016* – The Institute of Mental Health (IMH), will be awarded Stage 6 under the HIMSS Analytics EMR Adoption Model<sup>SM</sup> (EMRAM) later this evening at HIMSS Asia Pacific Awards Dinner at Westin Grande Sukhumvit Bangkok in Bangkok, Thailand. The collaborative efforts of IMH and Integrated Health Information Systems (IHiS) to implement several high performance systems such as the Closed Loop Medication Management (CLMM) and Clinical Documentation (C-Doc) systems enabled the institution to be the first psychiatric hospital outside of North America to achieve this global benchmark.

A/Prof Chua Hong Choon, Chief Executive Officer, IMH said, ““We are honoured to be the first psychiatric hospital outside of North America to receive this recognition. Attaining HIMSS stage 6 has significantly contributed to improving work processes and systems in the hospital which translates to better patient care and improved safety. Leveraging advances in technology has helped us to better allocate precious manpower resources, enjoy cost savings as well as boost the confidence of our staff as they are better equipped to deliver effective and reliable mental healthcare services to our patients.”

Chief Executive Officer, IHiS (Ministry of Health Holdings’ IT arm), Dr Chong Yoke Sin, shared: “The use of IT and technology can significantly enhance patient safety, convenience and productivity in healthcare, and is pivotal in transforming Singapore’s model of care to one that is patient-centric. For example, the implementation of CLMM enabled a 93% reduction in time spend on medication billing in IMH and improved patient safety by helping nurses pick the right drugs for the right patients at the right time. As the tenth healthcare institution in Singapore to achieve Stage 6, IMH now ranks amongst hospitals with the most advanced clinical technologies worldwide, and we are glad to have helped make this happen.”



## Technology Enabled Care at IMH

IT systems implemented and integrated by IHiS at IMH that helped the hospital achieve Stage 6 include:

- Closed Loop Medication Management (CLMM) and Electronic Inpatient Medication Record (eIMR) systems: a fully electronic and automated medication management process, starting from the doctor entering prescriptions into the system, to the mechanised dispensing of medication and ending with the final stage of picking and serving of the right drugs to the right patients at the right time. This has ensured medication safety and boost staff productivity. With a 35 per cent reduction in time spent on each medication administration round, it has also translated to considerable cost savings for IMH.
- Clinical Documentation (CDoc) system: provides the multidisciplinary care team common access to patient information, translating into better continuity of care, more efficient nurse handover and eliminating the need to manually trace patients' case notes.
- Clinical Decision Support System (CDSS): a clinical data repository used to support care and decision-making tasks for enhanced patient care and safety, including the provision of alerts and prompts on drug interaction and allergies.

The implementation of the above key systems has significantly helped to minimise miscommunication, better utilise manpower, improve patient safety and raise the quality of care.

“IMH is making great progress towards achieving Stage 7 of the EMRAM. They have already implemented a very strong disaster recovery and business continuity strategy, and they have the beginnings of a predictive alerting capability by calculating a 10-year chronic heart disease risk score,” said John Daniels, Global Vice President, Healthcare, Advisory Services Group, HIMSS Analytics. Mr. Daniels carried out the on-site validation.



## HIMSS EMRAM

The HIMSS Asia Pacific Awards Dinner is part of the HIMSS Asia Pacific Conference and Exhibition 2016 to be held from 23 to 26 August 2016. The event is expected to be attended by 1,500 delegates from more than 30 countries.

HIMSS Analytics developed the EMR Adoption Model in 2005 as a methodology for evaluating the progress and impact of electronic medical record systems for hospitals in the HIMSS Analytics® Database. Tracking their progress in completing eight stages (0-7), hospitals can review the implementation and utilisation of information technology applications with the intent of reaching Stage 7, which represents an advanced electronic patient record environment. Currently, there are 33 acute care facilities in Asia Pacific at Stage 6 and 4 at Stage 7. Visit [www.himssanalyticsasia.org](http://www.himssanalyticsasia.org) for more information on the Stage 6 award.

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### ***About Integrated Health Information System (IHiS)***

IHiS architects and manages highly integrated systems across Singapore's public healthcare sector, supporting more than 40,000 healthcare staff at all public hospitals, national specialty centres and polyclinics. It transforms patient care through innovation and excellence in technology.

IHiS has garnered more than 70 awards for its smart technologies, and played a key role in seven Singapore hospitals becoming amongst the first public institutions in Asia Pacific to achieve HIMSS EMRAM Stage 6, an international benchmark for advanced technology used in patient care. For more information, visit [www.ihis.com.sg](http://www.ihis.com.sg)



### ***About Institute of Mental Health (IMH)***

The Institute of Mental Health (IMH), a member of the National Healthcare Group, is the only tertiary psychiatric care institution in Singapore. Located on the sprawling 25-hectare campus of Buangkok Green Medical Park in the north-eastern part of Singapore, IMH offers a multidisciplinary and comprehensive range of psychiatric, rehabilitative and therapy services in hospital-based and community-based settings. The 2010-bedded hospital aims to meet the needs of three groups of patients – children and adolescents (aged below 19 years), adults and the elderly. Besides providing clinical services, IMH also leads in mental health research and training the next generation of mental health professionals in Singapore. For more information, please visit [www.imh.com.sg](http://www.imh.com.sg)