National University of Singapore Initiative to Improve Health in Asia (NIHA)
Forum on Artificial Intelligence(AI) in Healthcare:
Policies and Regulations in Asia-Pacific

22 November 2019
Grand Copthorne Waterfront Hotel

The National University of Singapore (NUS) Initiative to Improve Health in Asia (NIHA) was established in 2010 with funding support from the Singapore Economic Development Board (EDB) and GlaxoSmithKline (GSK). This initiative aims to progress public health and healthcare delivery in Asia through the three integrated programmes of Leadership Development, Policy Forums and Research.

The NIHA Forum aims to foster great dialogue and partnerships among policy makers, non-government organisations (NGOs) and the private sector on the opportunities and challenges of healthcare in the region.

8.30am	Registration	
9.00am	Welcome Address	**Professor John Lim** *Executive Director* *Centre of Regulatory Excellence* *Duke-NUS Medical School* *Senior Advisor* *Ministry of Health, Singapore* *Chairman* *Singapore Clinical Research Institute*
Session 1: Challenges and Opportunities for AI in Healthcare transformation Activities in this session will compare and contrast initiatives towards AI adoption in health systems. Within this context, clinical, regulator, policy maker and industry perspectives will also be explored to highlight important enabling factors and barriers to successful initiatives.		
9.05am	**Role of AI in Healthcare Transformation**	**Dr Lisa Ooi** *Director* *Strategy Health and Wellness* *Economic Development Board*
9.35am	**Implementing AI in Clinical Practice**	**Asst Prof Ngiam Kee Yuan** *Group Chief Technology Officer* *Senior Consultant* *Thyroid and Endocrine Surgery* *National University Health System*

The programme is accurate as of 7 Oct 2019 and may be subjected to further refinement if necessary before the actual event.

10.05am	Tea Break	
10.30am	**Artificial Intelligence Innovation in Healthcare: Who are the Players and how do they Protect Innovation?**	**Dr Brett A. Lovejoy** *Partner* *Morgan Lewis & Bockius LLP* **Dr Jeffry S. Mann** *Partner* *Morgan Lewis & Bockius LLP*
11.00am	**Regulatory Perspectives of AI: Where We Are At, and Future Approaches**	**Dr Sethuraman Rama** *Director* *Medical Devices Branch* *Health Sciences Authority, Singapore* **Mr Praveen Raj Kumar** *Assistant Director* *Regulatory Engagement, Analytics and Transformation* *Health Regulation Group* *Ministry of Health, Singapore*
12.00pm	**Lunch & Photo Taking**	

Session 2: AI Applications in Healthcare: The Future is Here

This session will highlight available AI solutions and its use cases by healthcare industry and technology company in the creation of healthcare systems that optimally use digital technology.

13.00pm	**Experiences from Technology Industry**	**Mr Charles Crouspeyre** *Artificial Intelligence Director* *A.I. ASEAN Chapter Lead* *Accenture*
13.30pm	**Evolutions in the Regulation of Artificial Intelligence**	**Mr Varun Veigas** *Regional Manager* *Regulatory Affairs Asia Pacific* *Roche Diagnostics Asia Pacific Pte. Ltd*
14.00pm	**AI/Digital Experiences in Patient Engagement & Recruitment**	**Mr Nicholas Mageras** *IQVIA*

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Session 3: Panel Discussion
This session will raise challenging questions about how prepared the health systems are in terms of governance, adoption and assessing the potential societal impact of AI.

14.30pm	Are We Ready for an AI Future in Healthcare?	**Moderator** **Mr Michael Gropp** *Member* *CoRE Advisory Board* **Panelists** **Dr Brett A. Lovejoy** *Morgan Lewis & Bockius LLP* **Ms Elaine Teo** *Acting Director* *Aged and Ancillary Service Regulations and Transformation* *Health Regulation Group* *Ministry of Health, Singapore* **Dr Sethuraman Rama** *Health Sciences Authority, Singapore* **Asst Prof Ngiam Kee Yuan** *National University Health System*
15.30pm	**End**	

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