AI in Healthcare Readiness Forum

Practical applications of AI in clinical care

25 October 2023 | Ivy Sunroom, Sydney

SPEAKERS INCLUDE:



Professor Steve Robson, President, AMA



Dr Simon Kos, *Chief Medical Officer*, **Microsoft ANZ**



Dana Mouwad, Manager Strategic Partnership & Programs / Director of the Health Literacy Hub, Western Sydney LHD



Nathan Moore, *Chief Nursing Information Officer,* **Western Sydney LHD**



Professor Farah Magrabi, Professor of Biomedical and Health Informatics, Australian Institute of Health Innovation



Dr Michelle Barakat-Johnson, *Skin Integrity Lead,* **Sydney Local Health District**



Dr Kean Kuan, *Chief Medical Officer,* **Victorian Institute of Forensic Medicine**



Dr Emily Kirkpatrick, Executive Medical Director, Calvary Medibank Joint Venture



Phil O'Sullivan, Partner, Allens



Val Theisz, Medical Devices – Regulatory & Quality Consultant, Market Access



Angie Corbo, Global Informatics Innovation Lead, Roche



Associate Professor Tam C. Nguyen, *Deputy Director Research*, **St Vincent's Hospital Melbourne**



Mazeta Coelho Hamilton, Manager, Health Service Research, Analysis & Modelling Unit, Queensland Government



Melissa Tinsley, Associate Director, Integrated Digital Enablement Accelerator (IDEA) team, Agency for Clinical Innovation



Jacky Hung, REDCap Application Manager,
Queensland Health, Office of Research and
Innovation



Dr Anthony Porter, Specialist Plastic Surgeon, Adelaide Plastic Surgery, Visiting Research Fellow, AIML, Royal Adeliade Hospital



Todd Tobin, Virtual Care, Calvary Care



Professor Ian Scott, *Director of Internal Medicine and Clinical Epidemiology,* **Princess Alexandra Hospital**



Mitchell Burger, *Director of Strategy, Architecture, Innovation and Research*, **Sydney LHD**



Dr Andrew Hallahan, Executive Director Medical Services, Clinical Governance & Risk, Sydney Local Health District



AI in Healthcare Readiness Forum

Wednesday 25 October 2023

9:00 Opening remarks from the Chair

Associate Professor Tam C. Nguyen, *Deputy Director Research*, **St Vincent's Hospital Melbourne**

9:10 OPENING ADDRESS

What is possible? The real-life application of AI within Clinical Settings

Dr Simon Kos, Chief Medical Officer, Microsoft ANZ

9:25 PANEL

Good clinical governance: why this is critical when deploying an AI algorithm?

- Where do accountabilities lie?
- Who will be overseeing that technology?
- Clinicians who will increasingly rely on these technologiesthey will need to be able to assure that the info that goes into their decision making is safe
- What are the key guardrails that standards can bring?
- How can clinical governance teams incorporate AI into clinical workflows if not TGA supported?

Dr Kean Kuan, Chief Medical Officer,

Victorian Institute of Forensic Medicine

Dr Emily Kirkpatrick, Executive Medical Director,

Calvary Medibank Joint Venture

Phil O'Sullivan, Partner, Allens

Angie Corbo, Global Informatics Innovation Lead, Roche

10:15 Current Regulatory Approach to Al

- How is healthcare AI/ML regulated?
- Who is responsible when things go wrong with AI/ML used in healthcare?

Val Theisz, Medical Devices – Regulatory & Quality Consultant, Market Access

10:45 Networking Break & Morning Tea

11:15 KEYNOTE ADDRESS

Improving healthcare for Australians from the coalface up

- Coalface healthcare from a doctors' perspective
- How can AI help and what is safe and responsible use of AI in health?
- Who's to blame when it goes wrong?
- Potential of Al to reduce or exacerbate inequities in access to healthcare
- Why do we need a regulatory approach? What does the AMA think it would achieve?

Professor Steve Robson, President, AMA

11:45 Software Spotlight Session

VENUE DETAILS

Ivy Sunroom, Sydney, 330 George St, Sydney NSW 2000

Phone: +61 2 9114 7360

12:05 **PANEL**

Patient Safety: the good, the bad, and the important considerations of Al

- Decision support and how you measure and calculate
- Best use cases and where is it not the right tool for the job?
- Successful case studies, and signals to look out for to ensure patient safety

Dana Mouwad, Manager Strategic Partnership & Programs / Director of the Health Literacy Hub, Western Sydney LHD

Nathan Moore, *Chief Nursing Information Officer,* **Western Sydney LHD**

Professor Farah Magrabi, *Professor of Biomedical and Health Informatics*, **Australian Institute of Health Innovation**

Dr Michelle Barakat-Johnson, Skin Integrity Lead,

Sydney Local Health District

Moderated by Dr Andrew Hallahan, Executive Director Medical Services, Clinical Governance & Risk, Sydney Local Health District

12:50 Networking Lunch

13:50 IN CONVERSATON

Good data governance = successful integration of AI

- Recognizing and managing the gaps in the data in order for the Al to do its work
- Ensuring the data is fit for purpose & the importance of clean data to feed into the AI
- Al and real time data how hard/easy is it to deploy in this scenario?
- Privacy and data protection

Mazeta Coelho Hamilton, *Manager, Health Service Research, Analysis & Modelling Unit,* **Queensland Government**

Phil O'Sullivan, Partner, Allens

Melissa Tinsley, Associate Director, Integrated Digital Enablement Accelerator (IDEA) team, Agency for Clinical Innovation

Moderated by Marc Pelusi, *Director Service Delivery,* End User Computing, Web and Application Development, Sydney Local Health District

14:35 CASE STUDY

Pick your player AI or Human

- Al developed to assess likelihood of pre-term babies developing retinopathy of prematurity (ROP)
- Could Al be used to shorten this time frame AND/OR Refer cases that may need further investigation (low thereshold) to the Specialist for review?
- Regulatory barriers to implementation
- Clinical barriers to implementation

Jacky Hung, REDCap Application Manager,

Queensland Health, Office of Research and Innovation

15:05 Afternoon Tea & Networking Break



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15:35 **PANEL**

Prepping your roadmap: building the basis to transform care

- Challenges of implementing and scaling the use of Al
- What are the right tools in your "kit"?
- Learnings from successes, challenges and learnings from failures, future directions

Dr Anthony Porter, Specialist Plastic Surgeon, Adelaide Plastic Surgery, Visiting Research Fellow, AIML, Royal Adeliade Hospital

Todd Tobin, Virtual Care, Calvary Care

Moderated by Associate Professor Tam C. Nguyen, *Deputy Director Research*, **St Vincent's Hospital Melbourne**

16:15 **PANEL**

Creating a workforce for the future: digital first

- How do we best develop and leverage the highly specialised workforce?
- Developing in-house capability for a specialized technical workforce
- Digital health workforce strategy

Professor Ian Scott, Director of Internal Medicine and Clinical Epidemiology, Princess Alexandra Hospital

Dr Emily Kirkpatrick, Executive Medical Director,

Calvary Medibank Joint Venture

Mitchell Burger, *Director of Strategy, Architecture, Innovation and Research*, **Sydney LHD**

Moderated by Associate Professor Tam C. Nguyen, *Deputy Director Research*, **St Vincent's Hospital Melbourne**

17:00 Closing remarks from Chair

17:05 Networking Drinks 🕺

18:10 Forum Concludes

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