



# Evolving Healthcare Analytics for a Thriving Digital-Health Ecosystem

Part of the National Insights Series Health & Human Services Community

Online → Wednesday, 3 August 2022 | 11:00am – 1:10pm AEST

## Your Inspiring Speakers



**RHYS PARKER**

Chief Clinical Information Officer

SA Health



**A/PROF MICHAEL FRANCO**

Chief Medical Information Officer, Digital Health

Monash Health



**TANYA KELLY**

Clinical Director, Digital Transformation

Sunshine Coast Hospital & Health Service



**ADAM LLOYD**

Area Director, Data & Digital Innovation

Department of Health WA



**ANDREW MCALINDON**

Chief Data & Analytics Officer

Central Adelaide Local Health Network



**HOLLY CLARK**

Director, Quarantine Projects & Data Analytics

Department for Health & Wellbeing SA



**ANDREW AHO**

Regional Director – Data Platforms

InterSystems



**DANY LECLERC**

Senior Solutions Engineer

Okta



**KATE RENZENBRINK**

Chief Nursing and Midwifery Information Office

Western Health

## Benefits of Attending



**Learn, discuss, and benchmark with fellow peers** in the ever-evolving space of big data, automation, business intelligence and analytics in the context of saving lives.



**Hear real-life case studies**, do's and don'ts, and best practices from experts at the forefront of emerging healthcare analytics projects and implementation.



**Explore lessons learnt** and next stages of the strategic application of analytics and health data-sharing for the benefit of our health system, providers, and patient care.

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# Advancing Digitally-Enabled Patient-Centric Systems

Clinical decision-making is one of the few things in the world where precision literally saves lives. Healthcare analytics today is a functional asset that assists healthcare providers on a multitude of levels; from population monitoring, medical and health records, to diagnostics, treatment, clinical decisions, and even procurement and accounting.

Healthcare professionals dream of predictive analytics maturity to enable efficient patient flow, precise and personalised diagnosis, strategic healthcare procurement. Being armed with the capability and capacity to collect, make sense of, and share valuable data appropriately, is a significant leap toward future-proofing the evolving landscape of patient care and healthcare systems globally.

Innovative, emerging and even advanced use of data and analytics technologies are many and ongoing. We invite you to join us for the **“Evolving Healthcare Analytics for a Thriving Digital-Health Ecosystem”** virtual event to hear about cutting-edge innovations, developments, and applications across Australian Healthcare. Let us realise the potential of the resources, tools, and technologies available in our hands now to create the future of health together.



## Who You'll Meet

### Chiefs/Directors/Heads/Managers of:

- Data, Analytics & Insights
- Clinical and Medical Performance & Research
- Digital Transformation & Innovation
- Epidemiology
- Health Informatics
- Information Management/Reporting
- Healthcare Procurement

## Explore the Agenda

**11:00am PSN Welcome**

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**11:10am Welcome from Chair: The Power of Healthcare Analytics and Our Next Steps**  
Kate Renzenbrink, *Chief Nursing and Midwifery Information Office, Western Health*

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**11:20am Government Keynote: Analytics, A Foundational Technology for the Future of Healthcare at SA Health**

- The progression from siloed clinical data to information asset across SA Health to improve patient care by shifting from foundational technology to an analytics platform for the future
- Addressing the foundations of analytics technology, governance, access and security
- Using innovation to break down the barriers and enable health innovation, research and appropriate use of data through a modern and sustainable analytics framework

Rhys Parker, *Chief Clinical Information Officer, Office of the Chief Medical Information Officer, SA Health*

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**11:35am Partner Session: Healthcare Analytics and Interoperability in Australia and New Zealand: Why Healthcare Organisations are Struggling to Harness the Power of Data**

Healthcare organisations have access to enormous volumes of data assets from multiple and disparate sources, that can be harnessed to improve clinical and patient outcomes. But despite the huge progress made in healthcare IT in recent years, healthcare organisations continue to struggle with the collection, analysis, and application of data to make timely decisions.

During this session, Andrew Aho will highlight key findings from the inaugural survey of 180 healthcare executives in Australia and New Zealand on their key data management and analytics challenges.

Andrew Aho, *Regional Director – Data Platforms, InterSystems*

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**11:50am Government Case Study: Optimising Care with Machine Learning, Big Data & Predictive Analytics**

- Applications of predictive healthcare analytics and big data for real-time data-driven decision making and forecasting (e.g. patient monitoring, operations, screening and prevention, research, predictive infrastructure maintenance)
- Organisational maturity; governance, processes, workforce, and culture for advanced analytics
- The journey toward leveraging ML in safe, ethical and reliable care and practice

Andrew McAlindon, *Chief Data & Analytics Officer, Central Adelaide Local Health Network*

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**12:05pm Partner Session: Identity as the foundation for Zero Trust in Healthcare**

The pandemic introduced new opportunities in healthcare; virtual health delivery is increasing, yet disconnected and the focus is shifting to build the holistic patient story. Additionally, the Healthcare industry now faces the highest average cost of a breach. With that in mind, how can you ensure your users are authenticated and devices are secure when managing thousands of locations and networks across providers, employees, contractors, med and nursing students and privileged users, while still providing a seamless patient experience?

Dany Leclerc, *Senior Solutions Engineer, Okta*

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**12:20pm Government Keynote: Clinician Driven Business Intelligence - A Sunshine Coast Hospital Service Perspective**

- Designing BI for clinicians to answer more questions without traditional limitations
- Training staff to develop these capabilities and how this can positively impact operational and patient outcomes

**Tanya Kelly**, *Clinical Director, Digital Transformation, Sunshine Coast Hospital & Health Service*

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**12:35pm Break**

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**12:40pm Panel Discussion**

**Health Data-Sharing, Communication & Collaboration: Where are we in 2022?**

- How has COVID changed the way that we communicate and share information to provide best healthcare?
- What are the risks and benefits to Sharing Patient Data for Direct Patient Care? (e.g. My Health Record, Health Information Exchanges) or Research (e.g. Clinical Registries)
- How can we address patient confidentiality and ownership of healthcare information?
- What are your top tips to amplify and progress into more effective ways of data sharing and collaboration across the healthcare system?

**A/Prof Michael Franco**, *Chief Medical Information Officer, Digital Health, Monash Health*

**Holly Clark**, *Director, Quarantine Projects & Data Analytics, Department for Health & Wellbeing SA*

**Adam Lloyd**, *Area Director, Data & Digital Innovation, Department of Health WA*

**Moderator: Kate Renzenbrink**, *Chief Nursing and Midwifery Information Office, Western Health*

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**1:10pm Close**

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**Thank You to our Partners**



**What's On Next**



**Health Innovation Showcase**  
**27 October**