

Queensland Futures Summit

Future of Medical Services with New Devices and Capabilities

Carolyn Mountford DPhil (Oxon) MS (Harv)
CEO & Director of Research

Dr Richard Ashby AM, Chief Executive, eHealth Queensland.

Delivering digital healthcare to Queensland as one of the most important revolutions in healthcare

Professor Matt Brown, Director of Australian Translational Genomic Centre, QUT & PAH

Provide clinicians treating cancer patients with advanced genetic information causes of tumour development, predicted outcomes and personalised treatment avenues

Professor Mark Kendall, University of Queensland

Inventor of, amongst other things, the Nanopatch providing safe vaccinations

Dr Liz Kenny AO, Medical Director Cancer Services Central, Queensland Health

World leading radiotherapist translating innovation into clinical practice

Professor Ken Miles, Princess Alexander Hospital Brisbane and University College London

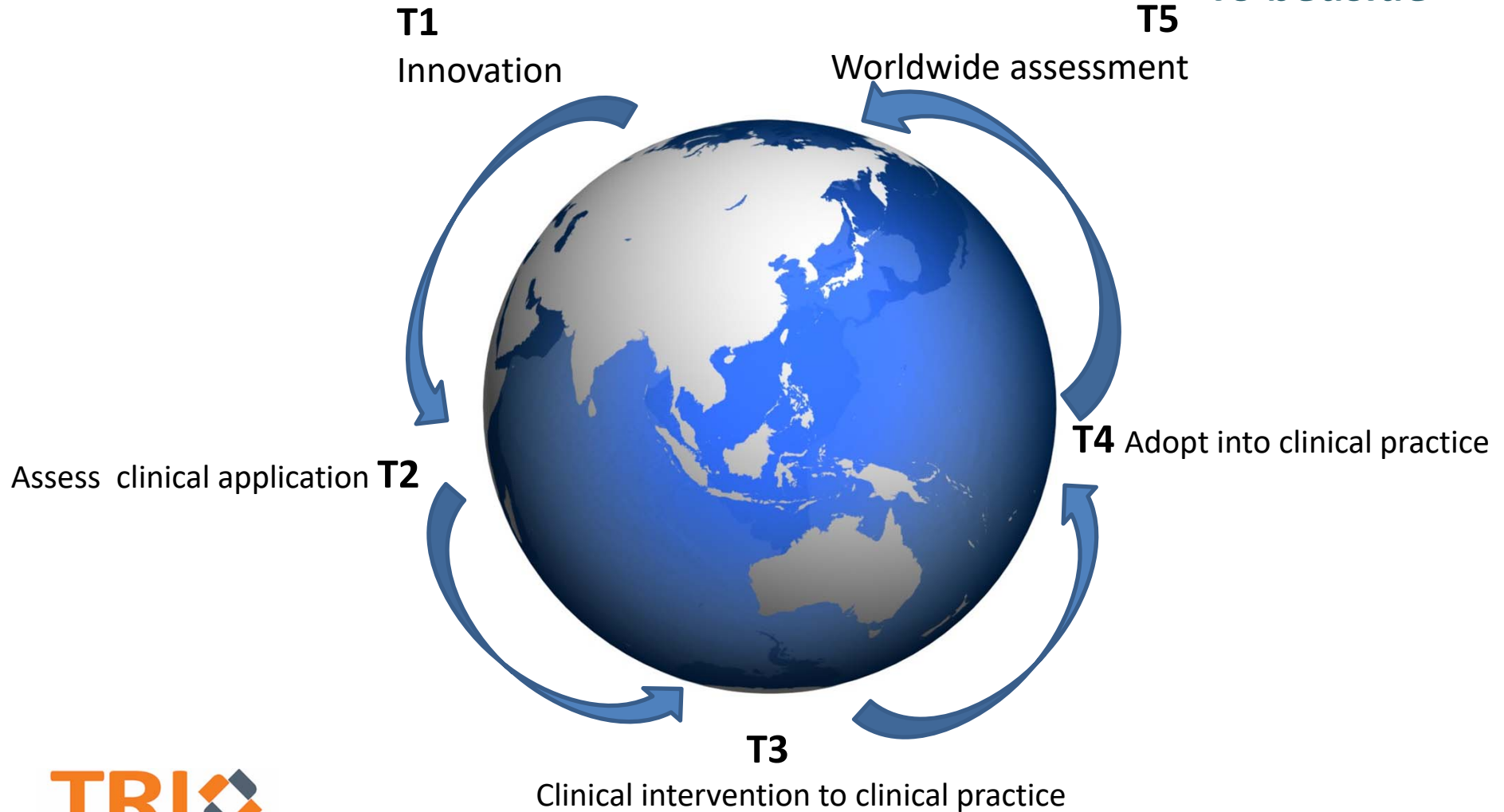
Leading innovator providing new technologies in clinical radiology and nuclear medicine



Translational research – a healthy investment

From bench

To bedside



BUT

Australia is falling on the Global Innovation Index failing to export and commercialise enough ideas to push into the top tier.

Switzerland, Sweden and the Britain ranking highest on the list

Australia was 17th in 2015, 19th in 2016 and 23rd in 2017

Global lead partner of management consulting firm
A.T. Kearney, Nigel Andrade, said

**“Australia had a tremendous platform
for innovation,
but it was not translating to results.”**

Innovation

Australia tumbles to 23rd place in index of global innovation

Global Rankings

1	Switzerland (No. 1 in 2016)	14	Japan (16)
2	Sweden (2)	15	France (18)
3	Netherlands (9)	16	Hong Kong (China) (14)
4	United States of America (4)	17	Israel (21)
5	United Kingdom (3)	18	Canada (15)
6	Denmark (8)	19	Norway (22)
7	Singapore (6)	20	Austria (20)
8	Finland (5)	21	New Zealand (17)
9	Germany (10)	22	China (25)
10	Ireland (7)	23	Australia (19)
11	Republic of Korea (11)	24	Czech Republic (27)
12	Luxembourg (12)	25	Estonia (24)
13	Iceland (13)		

Cornell University, the United Nations' World Intellectual Property Organisation, and Insead Annual Global Innovation Index report

<https://www.businessinsider.com.au/australia-keeps-slipping-down-the-global-innovation-ladder-2017-6#4JkezOB8s8P3Ofoz.99>

According to the index, Australia ranks in the top 10 worldwide for tertiary education participation, infrastructure, IT, access to credit and new business activity.

Australia considered particularly poor wrt foreign direct investment net outflows, ICT exports and knowledge diffusion, ranking 107th, 100th and 90th in the world, respectively.

Future of Medical Services with New Devices and Capabilities



Future of Medical Services with New Devices and Capabilities

1. What are the opportunities Queensland needs to embrace in the near future?
2. How will the delivery of medical services change in the next 10-20 years?
3. What are the barriers to implementing delivery of new and improved medical services and devices in Australia in 2017?
4. How do we improve collaboration in the in T3 and T4 pipeline i.e. the two valleys of death in translation of new ideas?
5. How do we get more clinical trials contracts in Australia to leverage from the Asian and Chinese innovation drive.
6. If there is one thing you could change what would that be?