



THE UNIVERSITY OF
SYDNEY



N|H|M|R|C

Canadian **A**ustralasian **R**andomised Trial of **S**creening **K**idney Transplant Candidates for Coronary Artery Disease

*RCT of screening asymptomatic Kidney Tx candidates for
coronary artery disease – The **CARSK** Trial*

What is CARSK?

- Investigator-initiated, multicentre randomised controlled trial
- Funding:
 - Australia – National Health and Medical Research (NHMRC) funding - \$1.17 million AUD
 - New Zealand:
 - The Heart Foundation - \$250,000 NZD
 - A+ grant (Auckland) - \$30,000 NZD
 - Canada – Canadian institute of health research (CIHR) - \$2.3 million CAD

CARSK - Aims

1. Test the hypothesis that after wait-list entry, **no further screening for CAD is non-inferior** vs the **current standard of care**, which is screening all asymptomatic wait-listed patients for coronary artery disease (CAD) at regular intervals
2. Compare the **benefits and costs of screening** and subsequent treatment, in patients undergoing **regular CAD screening vs no further screening** from a health system perspective.

CARSK Study Diagram

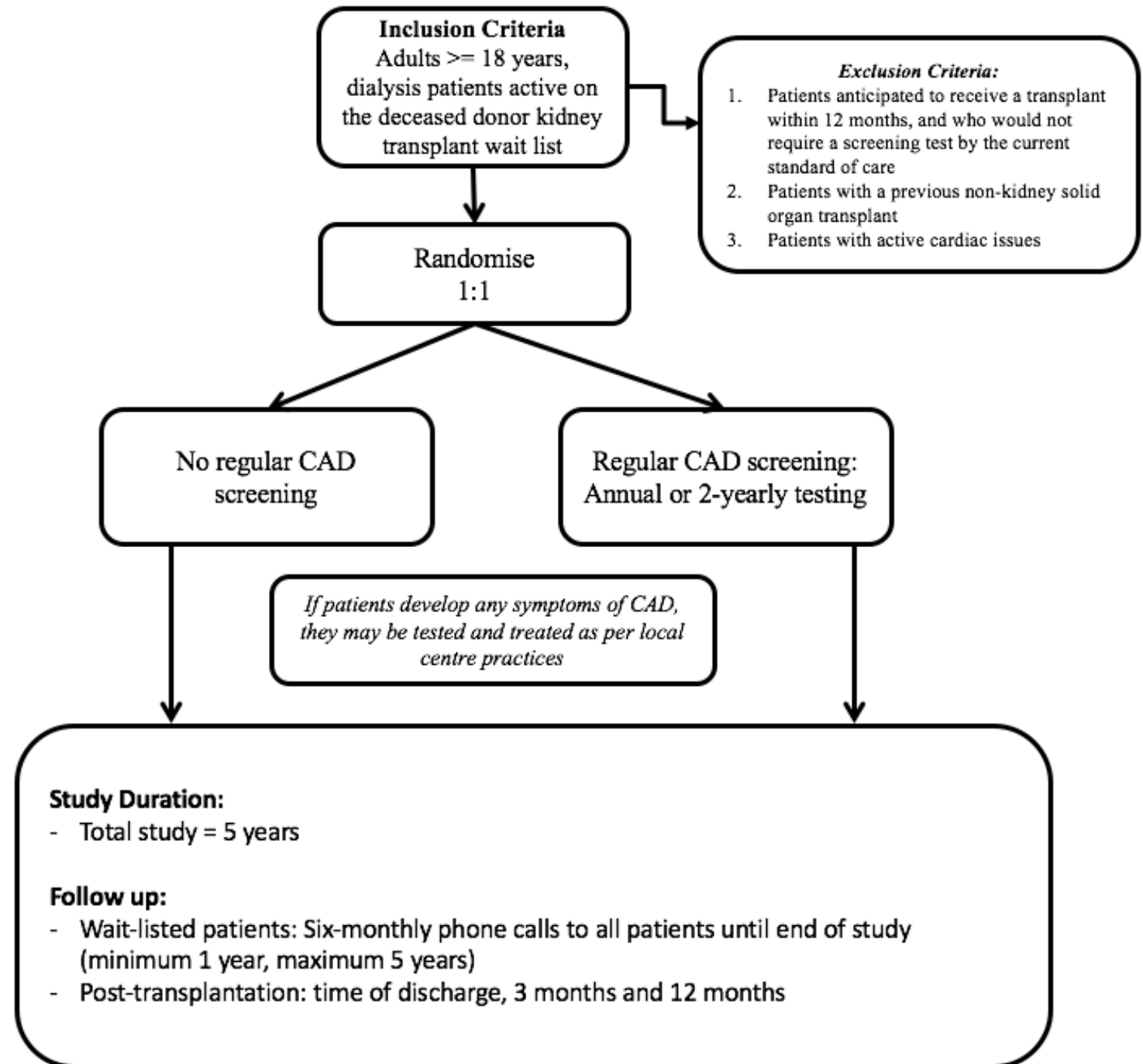
Pragmatic trial

Recruitment period: 3-4 years

- Australia + New Zealand = 1100
- Canada - 2206

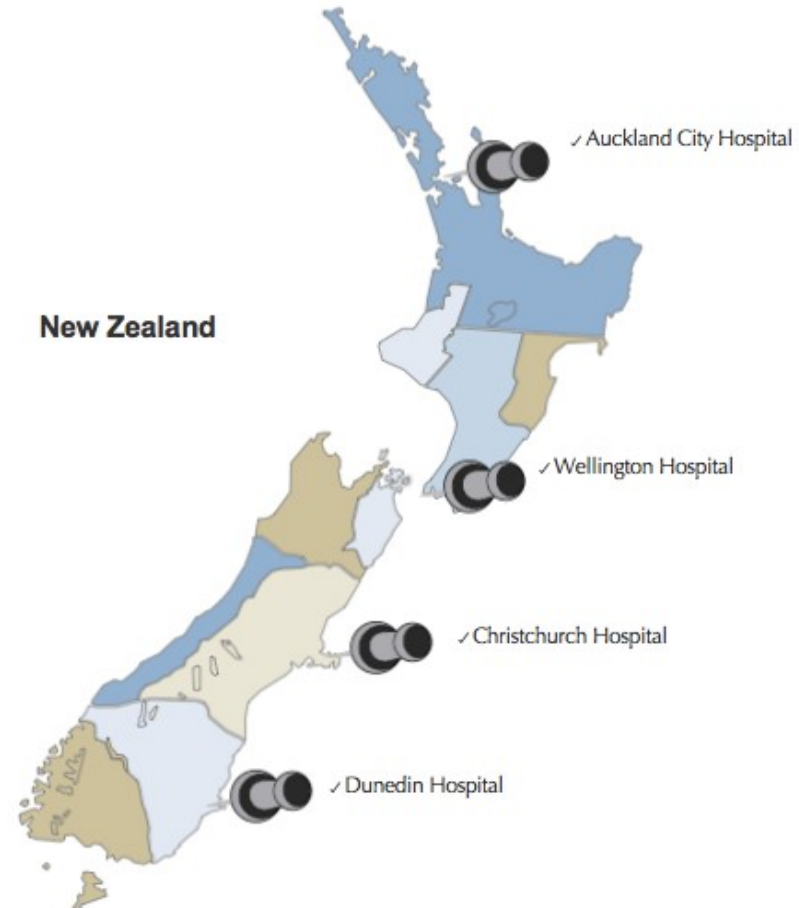
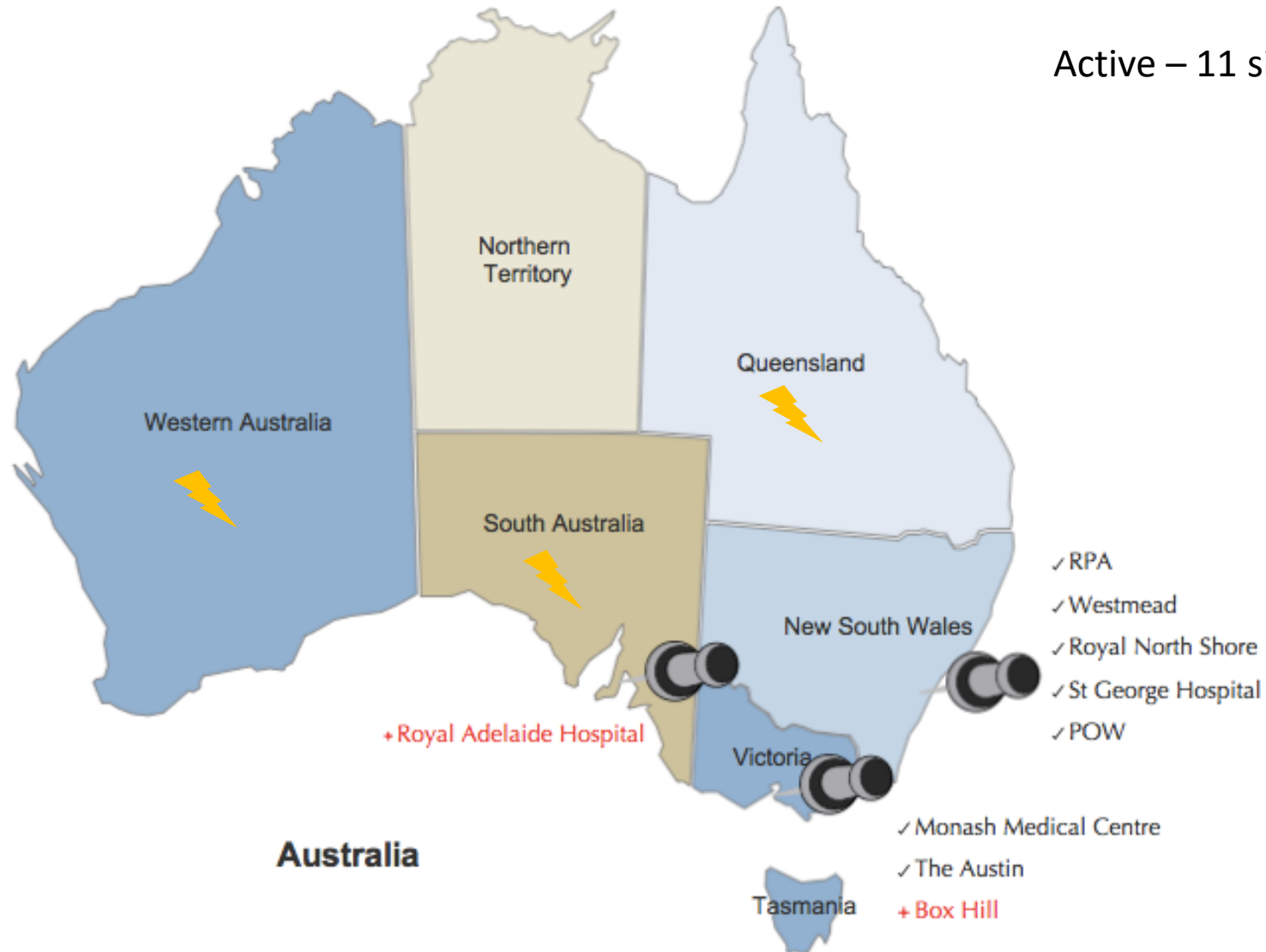
Follow up: 6-monthly until study end, or 12-month post-tx

Study duration: 5 years

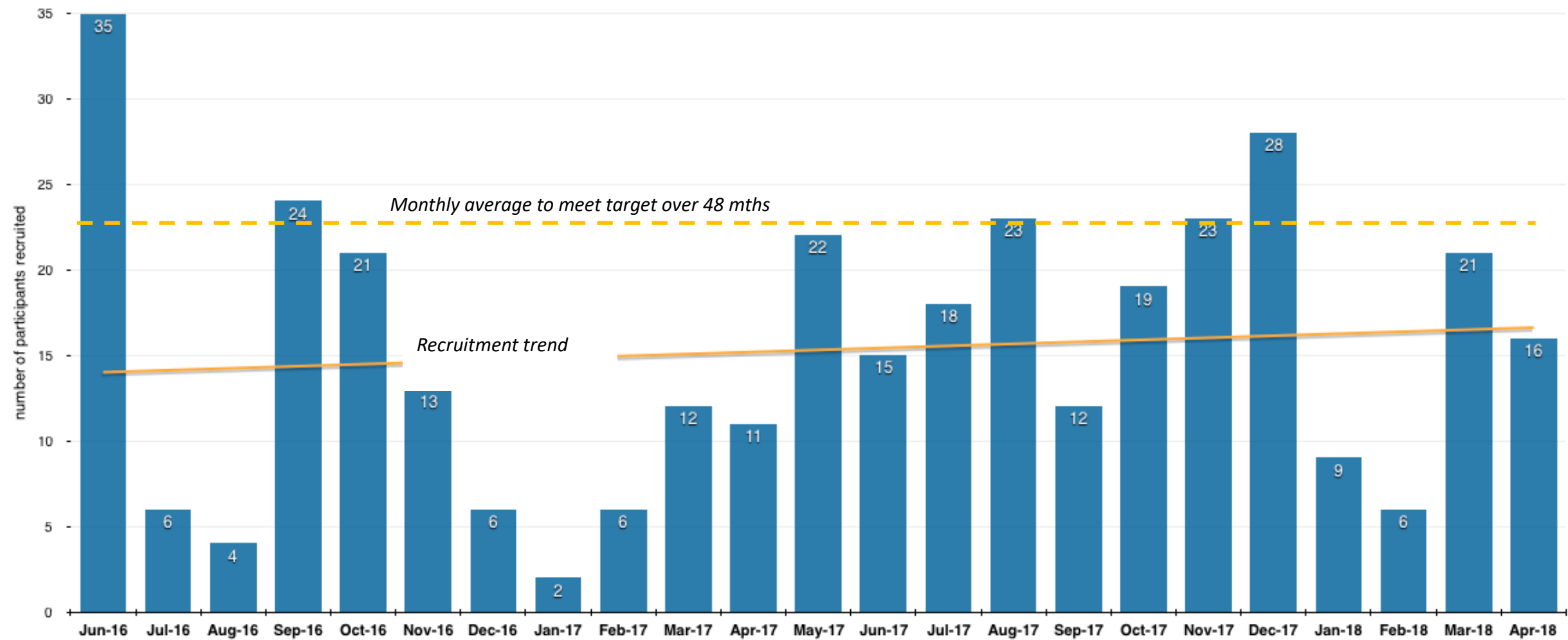


CARSK RECRUITMENT SITES – AUSTRALIA AND NEW ZEALAND

Active – 11 sites



CARSK patient recruitment by month



Total recruited = 353 (32%)/22 months

2018-19

- Canadian recruitment will begin
- ANZ sites will be recruiting at full capacity – additional 2 sites = total active 13
- Publication of trial protocol
- Negotiation with Asian sites under way – Singapore, Malaysia and Taiwan
- Formation of the Data safety and monitoring board (DSMB) led by Andreas Laupacis (Canada)
- Formation of the clinical adjudication committee led by Charles Herzog (USA)

CARSK Steering Committee

- Australia

- Steve Chadban
- Angela Webster
- Rachael Morton
- Patrick Kelly
- Tracey Ying

- New Zealand

- Helen Pilmore
- Andrew Pilmore

- Canada

- John Gill
- Jag Gill
- Greg Knoll
- Joe Kim

- Funders

- NHMRC National Heart Foundation NZ
- A+ Grant (Auckland)
- CIHR

Plus thank you to all site Pis, Tx coordinators & RC: RPAH, Westmead, RNS, St George, POW/Wollongong, The Austin, Monash Health, Auckland group, Wellington, Dunedin, Christchurch

