Associate Professor Gillian Gould
Dr Marilyn Clarke

An intervention to improve smoking cessation care among pregnant Indigenous Australian women
Acknowledgement of Country

SISTAQUIT is in 5 states and territories and involves 9 ethics committees
Why we need the SISTAQUIT trial

- Tobacco smoking – most important preventable cause of Indigenous health gap
- Smoking prevalence ~43% for pregnant Indigenous women
- Little known about what works for Indigenous pregnant women
- *Pregnancy - an opportunity to prevent chronic disease in 2 people*
Aims

- **SISTAQUIT® INTERVENTION** *(training health providers in smoking cessation care)* compared to USUAL care aims to:
  - Increase the quit rate in pregnant Indigenous women who smoke
  - Improve respiratory outcomes of babies
Methods

- Aim 450 women recruited over 30 services
- Aboriginal Medical Services or health districts

Each site expected to recruit 15 women <32 weeks gestation
Outcome Measures

- Quit Rates (CO-validated) 4-wks, 12-wks and post-partum
- Changes in health provider practices
- Process Measures
Paediatric outcomes

- Patient records eg birth weight
- Baby Health Diary
  - Monthly survey respiratory symptoms
- Baby survey and examination at 6-mo ISAAC (international study for asthma and allergies in childhood)
Progress

- 19 sites commenced
- 2-3 more sites set up in next 2 months
- 33 women recruited
- 65 health professionals
- 35 research facilitators trained
Challenges

- Research burden - recruitment of women slow by services
- Multiple disruptions within services – staff turn-over
- Control sites much more adherent and enthusiastic
- Research facilitators not recompensed by what we are paying services
New opportunities

**iSISTAQUIT**

- Australian Government funding an implementation science roll-out in 20 more services
- Non-randomized
- Chance to look at implementation without so much research burden
- Will bring more knowledge for scale-up
SISTAQUIT Team

- **Chief Investigators**
  - A/Prof Gillian Gould (Coordinating PI)
  - Prof Alan Clough
  - Prof Billie Bonevski
  - A/Prof Kristin Carson
  - Dr Marilyn Clarke
  - Prof Christopher Doran
  - Prof Joerg Mattes
  - Laureate Professor Roger Smith
  - Dr Chris Oldmeadow
  - Prof Katherine Boydell

- **Associate Investigators**
  - Prof Andrew Searles
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  - A/Prof Renee Bittoun
  - Dr Lou Atkins

- **PhD students**
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- **Other staff**
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  - Dr Pari Eftekhari
  - Dr Simon Deeming
  - Mrs Kerrie Bissett
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- Cancer Australia/Cure Cancer Australia

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