Clinical research trials achieving equitable health outcomes for Māori

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Overview

- NZ context
- Six ‘steps’ and examples
Achieving Health Equity in Aotearoa: strengthening responsiveness to Māori in health research

NZMJ Viewpoint

November 2017, Volume 130 Number 1465
Papaarangi Reid, Sarah-Jane Paine, Elana Curtis, Rhys Jones, Anneka Anderson, Esther Willing, Matire Harwood

Treaty of Waitangi

Those who receive government funding have delegated Treaty of Waitangi accountabilities

- Letter of expectation from the Minister
- DHB Annual Plans
- Māori Health Plans
- Waitangi Tribunal Claims
WHAT DOES THIS MEAN IN PRACTICE?

Excellent Clinical Research for Indigenous Peoples:

- is a strategic priority for Māori
- team has any explicit relationships with Māori
- makes the most of opportunities to inform the elimination of ethnic inequities
- actively protects Māori rights, including cultural and intellectual property rights
- incorporates traditional or contemporary Māori processes including Indigenous innovation
- supports Māori development, including workforce development
1. A strategic priority for Māori

- Hauora IV
- Tatau Kahukura
- Unequal Impact reports for cancer statistics
- Te Ohonga Ake series for Māori child and adolescent health
- The New Zealand Health Surveys

Consultation

- Providers
- Experts
- Needs versus rights
2. Explicit linkages or connections with Māori (individuals or groups)

- quality relationships
- utmost good faith
- consider all the different types of relationships
- include Māori who are colleagues, advisors, partners and governors in addition to Māori whanau/clients

**Consultation** - respectful information sharing and dialogue.
- Not a one way conversation
- Very context dependant
- Minimum requirement is review by authority in Māori health

3. Opportunities to reduce and eliminate ethnic inequities
Asthma Outcomes

Severe asthma exacerbation

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<thead>
<tr>
<th></th>
<th>SMART</th>
<th>Standard</th>
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<tbody>
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<td>Māori</td>
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ACQ -7 at Visit 5

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Wider determinants

Explaining Ethnic Determinants of Health
TMWM - TKHM Modified Williams Model

Adapted from Williams & Mohammed, 2013
Is it achieving equity?

- Accurate ethnicity (or other diversity) data
- Equal explanatory power
- May not be specific to the ‘health issue’ ie WFD, environment

IMPACT – the Polypill trial

- 50% of participants were Maori
- Targeted clinics with high numbers
- Maori researchers, advisors, workers, authors
- Reduced inequities

4. Protection of Māori rights including those to cultural and intellectual property

- Human tissue
- Genomics
- Rongoā
- Informed consent including collective consent

5. Traditional or contemporary Māori processes are incorporated in meaningful ways

- Kaupapa Māori Theory
- Advisory versus Governance and Leadership
Wahakura

- Safe

- Other benefits – breastfeeding, weaving

- ‘Space’ interventions associated with reduction in SUDI rates in Aotearoa
5.5. Potential for indigenous innovation

**Stroke Robotics**
- Inequities in stroke outcomes
- Engineering/Health/KMT
- Desire because current challenges
- Conditions
- Potential for indigenous innovation

6. Workforce development

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<thead>
<tr>
<th>Role</th>
<th>Percentage</th>
<th>Year</th>
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<tbody>
<tr>
<td>Māori Doctors</td>
<td>6.1%</td>
<td>2015</td>
</tr>
<tr>
<td>Māori Nurses</td>
<td>Most</td>
<td>in DHBs</td>
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<tr>
<td>Māori Physio</td>
<td>4%</td>
<td>2010</td>
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<tr>
<td>Māori Pharmacist</td>
<td>2%</td>
<td>2010</td>
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<tr>
<td>Māori CHWs</td>
<td>~ 50%</td>
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6.5 Other forms of development

- Environment ie Climate Change
- New knowledge, practice
- Non-Māori development in ways that benefit Māori - cultural safety
- Collaborations

Summary

- Potential for EXCELLENCE!
- However, some still approach Māori responsiveness as a last-minute task, or in a naïve manner
- Provided a framework – use it!
<table>
<thead>
<tr>
<th>Questions</th>
<th>Your responses</th>
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<tbody>
<tr>
<td>Is it a priority area? Why?</td>
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<tr>
<td>Key relationship – who needs to be engaged.  When? What?</td>
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<tr>
<td>Will it achieve equity?  How will you measure this?</td>
<td></td>
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<tr>
<td>How are Indigenous rights being met?</td>
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<td>How is tikanga being incorporated?  Who oversees this?</td>
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<tr>
<td>Potential for Indigenous Innovation?</td>
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<td>Māori (WF or other) development?</td>
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Ngā mihi