Supplementary Material

Establishing the research priorities of a national primary care research network in New Zealand: a Delphi exercise

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Supplementary File S1: Delphi Round 1

Name (Your name is collected to contact you for the next stages of this project)
Full name
Gender
○ Male
○ Female
Other
O Prefer not to say
Ethnicity (Please tick as many as applies)
□ NZ European/European
☐ Māori
Pacific Peoples
Asian
Middle Eastern/Lantin American/African
Other (Please specify)

My role is
O Primary Health Care Provider in Southern Aotearoa
O Primary Health Care Academic in Aotearoa
O Both Primary Health Care Provider and Primary Health Care Academic

My clinical profession is						
○ General practitioner						
○ Nurse						
○ Nurse practitioner						
O Pharmacist						
O Physiotherapist						
O Dentist						
○ Midwife						
C Kaimahi Hauora Māori (Māori Health worker)						
Not applicable (I am not a health care provider)						
Other (please specify below)						
Region of my practice						
Otago/Southland						
Outside of Otago/Southland						
Not applicable (I am not a health care provider)						
Years of clinical practice						
O less than 5						
○ 5-10						
O 10-20						
more than 20						

My research area is mainly in
O Primary health care/general practice
○ Pharmacy
OPhysiotherapy
O Dentistry
Nursing
○ Midwifery
O Not applicable (I am not involved in research)
Other (please indicate)

Which areas do you think are in greatest need of research in primary health care?							
Please list up to five areas (e.g., Mental health, Child health, Access to							
healthcare, Health services, Health workforce, etc).							
riediliicare, nedilii s	ervices, Health Workforce, etc).						
Area 1							
711001							
Area 2							
711000 =							
Area 3							
Area 4							
Area 5							
What are the most i	mportant questions in primary health care that need						
addressing to impro							
	three research questions, in the PICOT format if						
possible (Population	n, Intervention, Comparison, Outcome, Time)						
Example 1: For adults over the a							
blood prossure readings (O) com	ge of 65 with hypertension (P) does providing prescription medications free of charge (I) improve						
blood pressure readings (O) compared with patients who have to pay standard prescription fees (C) over a one-year period (T)?							
	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						
Example 2: Does attending a sch	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						
Example 2: Does attending a sch	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						
Example 2: Does attending a sch	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						
Example 2: Does attending a sch attending school without a nurse	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						
Example 2: Does attending a sch	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						
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Example 2: Does attending a sch attending school without a nurse Research Question 1	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						
Example 2: Does attending a sch attending school without a nurse Research Question 1	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						
Example 2: Does attending a sch attending school without a nurse Research Question 1	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						
Example 2: Does attending a sch attending school without a nurse Research Question 1	pared with patients who have to pay standard prescription fees (C) over a one-year period (T)?						

Supplementary File S2: Delphi Round 2 Questions

How important do you think the following research questions are in relation to Models of **Primary Health Care?** Not at all Slightly Moderately Very Extremely I don't important important important important important know How do comprehensive primary and community care 0 0 0 0 0 0 teams (with physio and pharmacy embedded within GP practice) impact high use patient visits? Do patients enrolled in a practice with a clinical pharmacist 0 0 0 0 0 0 embedded in the team have fewer drug related problems than those who aren't? Does attending a GP clinic with an embedded social worker (who can assist with access to 0 0 0 0 0 0 benefits and housing) improve health outcomes/ED presentations for adults? For patients with multimorbidity, do community based, interprofessional, exercise and 0 0 0 0 0 0 supported selfmanagement programmes improve the clinical and QoL outcomes? Does access to allied health practitioners as front-line providers improve long-term outcomes in people with chronic 0 0 0 0 0 0 overlapping pain conditions (i.e., fibromyalgia, irritable bowel syndrome, temporomandibular disorders, etc.)? Does the localities model improve access to healthcare? Which 0 0 0 0 0 0 regions is it working in? How is it working?

How important do you think the following research questions are in relation to Māori Health? Not at all Slightly Moderately Very Extremely important important important important important For rural residing Māori, does improved continuity-of-care with a primary care prescriber improve 0 0 0 0 0 outcomes, compared with patients who have had multiple primary care prescribers? For Māori adults, does having health care provided by a Māori provider improve 0 0 0 0 0 health outcomes, compared to those attending a traditional general practice? Do primary healthcare support individuals (e.g. kaiāwhina) improve Māori access 0 0 0 0 0 and engagement with primary care services, compared to standard care? How important are the following research questions in Primary Health Care in relation to Rural Health? I don't Not at all Slightly Moderately Very Extremely important important important important important know For the elderly (65 years and older) living in rural areas, would having a home visit by either a nurse 0 0 0 0 0 0 practitioner or paramedic reduce use of general practice, compared to those who do not have these home visits? For residents of residential care facilities in a rural setting, how often do 0 0 0 0 0 0 they have geriatritian consults, compared to residents in an urban setting? For adults, does living in a rural area compared with an 0 0 0 0 0 0 urban area lead to

fewer public outpatient referrals?

How important are the following research questions in Primary Health Care in relation to **Health Outcomes**?

	Not at all important	Slightly important	Moderately important	Very important	Extremely important	l don't know
Does including a fasting glucose at the first antenatal blood test provide a better indicator of possible gestational diabetes development compared to only using HbA1c, in all ethnicities?	0	0	0	0	0	0
Does attending a Health Improvements Practitioner (HIP) more effective than using anti depressants alone?	0	0	0	0	0	0
If specialist referrals are made by hospital doctors at first point of contact (rather than being referred back to GP), are patient outcomes improved (or are repeat ED presentations or GP visits reduced)?	0	0	0	0	0	0
How often is there a clear documented review of patient's medications when they are on 5 + meds?	0	0	0	0	0	0
In babies, from birth to one year old, does daily vitamin D provide greater reduction in respiratory admissions in children from quintile 5 compared to other deprivation?	0	0	0	0	0	0
For adults, do regular medical appointments (e.g. 3 or 6 monthly review) reduce unplanned visits and ED attendance?	0	0	0	0	0	0
For adults with prediabetes, does providing primary intervention dietitian-led clinics improve patient outcomes?	0	0	0	0	0	0
For people with intellectual disability, do annual health checks improve health information and outcomes?	0	0	0	0	0	0

How important are the following research questions in Primary Health Care in relation to **Access to Primary Health Care**?

	Not at all important	Slightly important	Moderately important	Very important	Extremely important	l don't know
For families with children presenting for dental general anaesthetic, what is the pattern of access to health services up to that point?	0	0	0	0	0	0
Does access to higher levels of community hubs of staff (e.g.home visits, road caravans - going to the patient/client rather than they to you) leads to better health outcomes than GP clinics?	0	0	0	0	0	0
Do patients with lower socioeconomic status have more dental extractions?	0	0	0	0	0	0