

Regional differences vital for understanding physician referrals to virtual care on Vancouver Island

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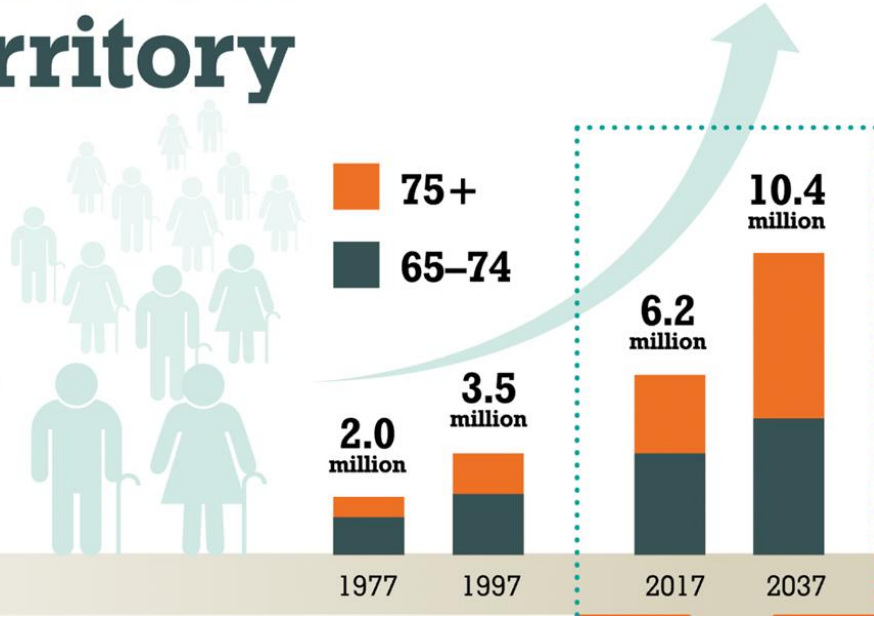
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Part of the problem facing health care

Canada's seniors population outlook: **Uncharted territory**

Over the next 20 years,
Canada's seniors population
is expected to
grow by **68%**



- 58% of older adults in Canada have 2 or more chronic conditions
- Island Health offers remote care for people over 65 with chronic conditions
- About 135,000 older adults in the Island Health regions could benefit
- But physician referrals to the program were lower than expected

How behavioural insights were incorporated

Intervention	Behavioural component and element (EAST framework)	Behavioural barriers targeted
<i>Email</i>	Timely - prompt	Limited knowledge Forgetting Limited attention
<i>Checklist</i>	Easy - checklist; simplification; reminder	Limited knowledge Forgetting Choice overload/complex choice environment Status quo bias/clinical inertia
<i>Physician testimonial</i>	Attractive - salience	Limited attention
<i>Physician name</i>	Attractive - personalize	Limited attention
<i>Link to referral form</i>	Easy - simplification	Limited time and attention Status quo bias/clinical inertia
<i>Colleague and authority</i>	Social - Messenger effect	Limited attention ↑ Status quo bias/clinical inertia

Email distribution timeline

1,611 Physicians
North and Central Island



1,526 Physicians
South Island



Control: No email sent



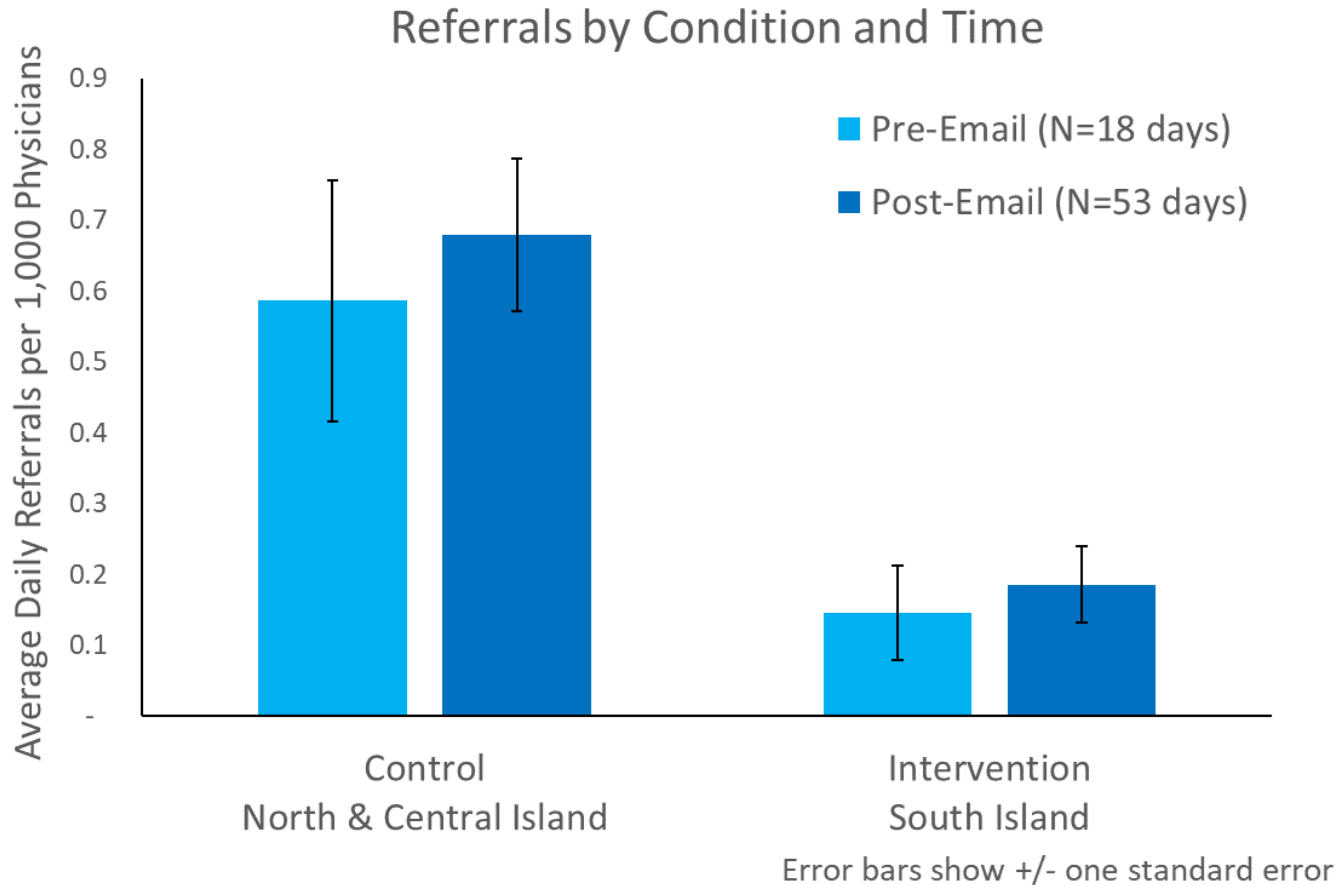
First Wave (March)

Second Wave (April)

Email 1 Intervention
1,526 Physicians

Email 2 Intervention
1,526 Physicians

Result: BI-informed emails had no significant effect on referrals



Results of ANOVA Test

Slight increase in referrals for both groups after emails

- Control: +16%
- Intervention: +27%

However, BI-informed emails did not have a significant effect on physician referral rates

The interaction effect of condition and time was not significant, $F(1,138) = 0.05$, $p = 0.8$, $partial \eta^2 = .00$.

Recommendations

Co-design solutions

- Engage physicians in the design process
- Address their needs and preferences
- Explore regional differences
- Compensate physicians

Address limitations

- Improve data collection
- Refine touchpoints to reach physicians



Photo by [humberto chavez](#) on [Unsplash](#)



Thank you!



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Island Health Community Virtual Care program

islandhealth.ca/cvc