

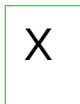
*Tim Hilderman, MD FRCPC
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Medical Lead, Communicable Disease Control
Manitoba Health*

Vaccine Effectiveness: Is It Ever Enough?

DISCLOSURE STATEMENT

Type of relationship	Modest (less than 10K) <i>Please specify organization name</i>	Significant (greater than \$10K) <i>Please specify organization name</i>
A - Consulting Fees/Honoraria		
B - Speaker's Bureau		
C - Equity Interests/Stock Options/Royalty Income/Non Royalty Payments		
D - Officer, Director, Or In Any Other Fiduciary Role		
E - Ownership/Partnership/Principal		
F- Research Grants/Educational Grants		
G- Fellowship Support		
H - Salary		
I - Intellectual Property Rights		
J - Other Financial Benefit		

There are no relationships to disclose





NO.



Wouldn't it be nice???

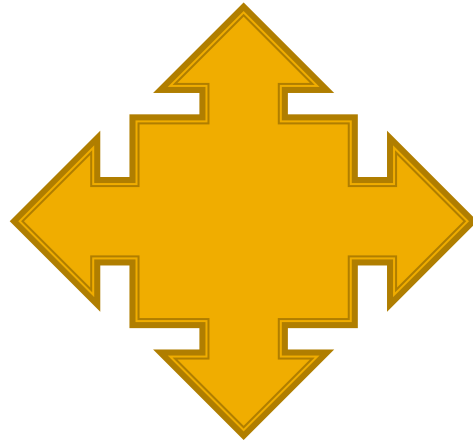




The Winning Combination

Scientific Expertise

Political Will



Funding

Regulatory and Legal Context
Databases With Record Linkage

Scientific Expertise

*“Smart people talk about ideas.
Common people talk about things.
Mediocre people talk about people.”*

– Jules Romains

What is Political Will?

- “Among the major definitional components are requirements that a sufficient set of decision makers intends to support a particular initiative and that such support is committed. The latter condition is difficult to ascertain, but various signals, influences, and constraints on action are observable.”*

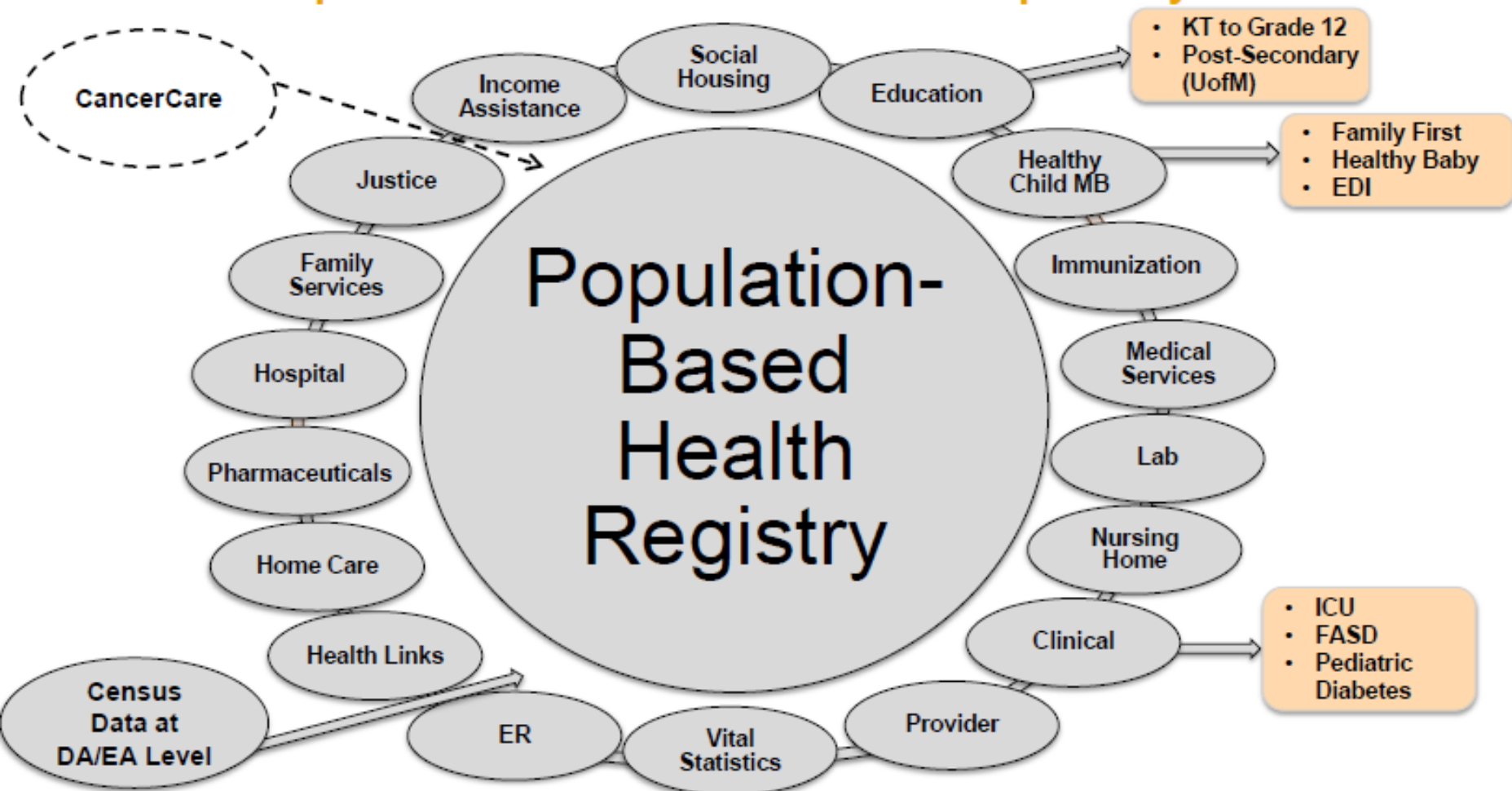
*Defining Political Will
LORI ANN POST¹,
AMBER N. W. RAILE² and
ERIC D. RAILE²

Regulatory and Legal Context

- The Personal Health Information Act (PHIA)
- Health Information Privacy Committee (HIPC)
- The Freedom of Information and Protection of Privacy Act (FIPPA)
- Biomedical Research Ethics Board
- Health Research Ethics Board

Databases with Record Linkage Capacity

MCHP Houses the Anonymized Population Health Research Data Repository



Funding



...lots...



VE: Necessary!

- **Definition:** A condition A is said to be *necessary* for a condition B , if (and only if) the falsity (/nonexistence /non-occurrence) [as the case may be] of A guarantees (or brings about) the falsity (/nonexistence /non-occurrence) of B .

VE: Not Sufficient!!!

- **Definition:** A condition A is said to be *sufficient* for a condition B , if (and only if) the truth (/existence /occurrence) [as the case may be] of A guarantees (or brings about) the truth (/existence /occurrence) of B .

If not VE alone, then what?

Vaccine: _____

Date: _____

	Yes	No	Debatable	No Evidence
1. Safe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Effective				
a. Efficacy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Effectiveness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Immunogenicity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Cost-effective	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Equitable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Other P/Ts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. NACI Recommendation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Align w/ provincial strategy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Political	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

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"If you keep on doing what you've always done, you'll keep on getting what you've always got.

-- **W. L. Bateman**