

RESEARCH PROGRAM LOGIC MODELS SOME REFLECTIONS

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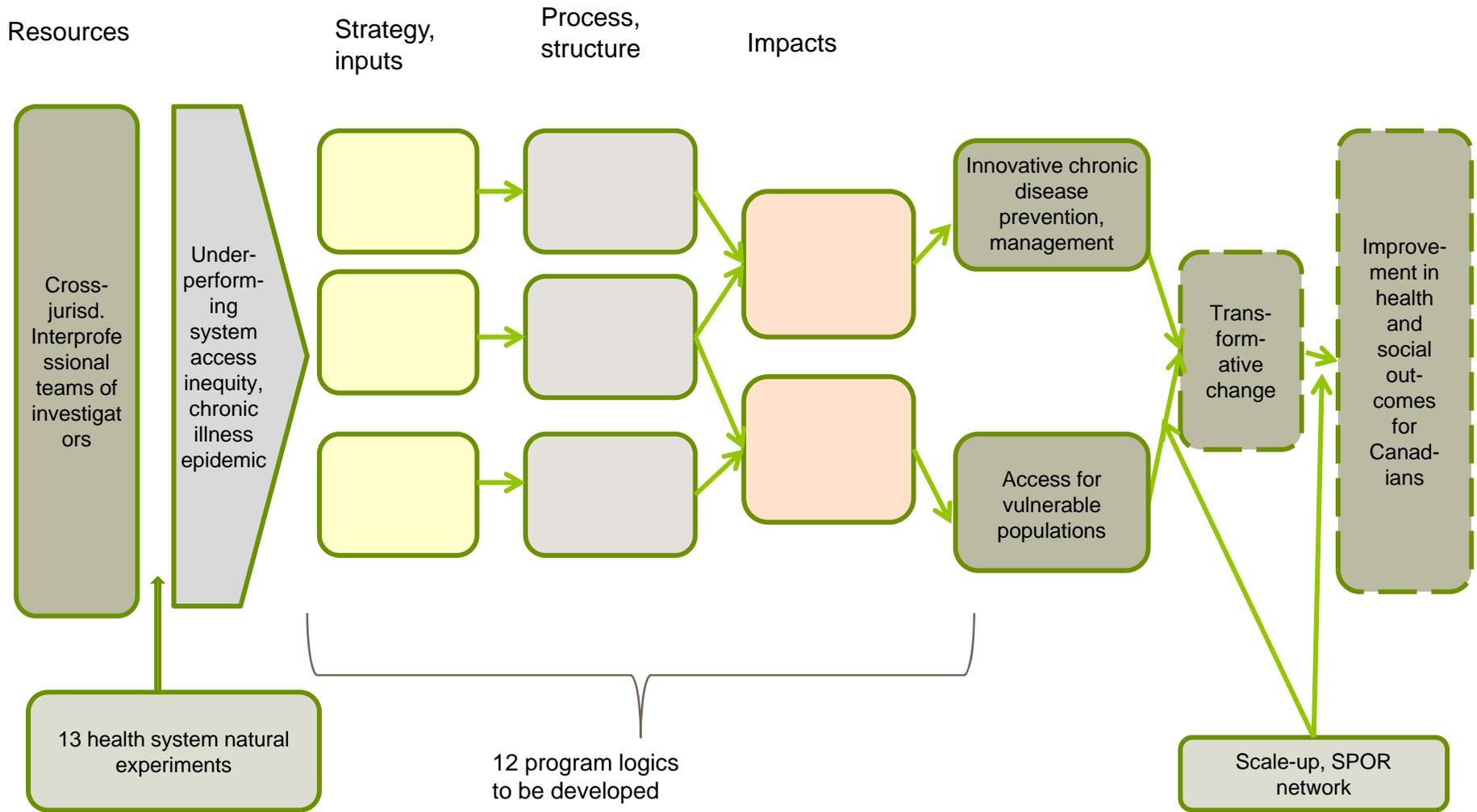
BUILDING SYSTEMS-LEVEL EVIDENCE FROM THE MOSAIC OF 12 RESEARCH PROGRAMS IN
THE CIHR SIGNATURE INITIATIVE ON COMMUNITY BASED PRIMARY HEALTH CARE



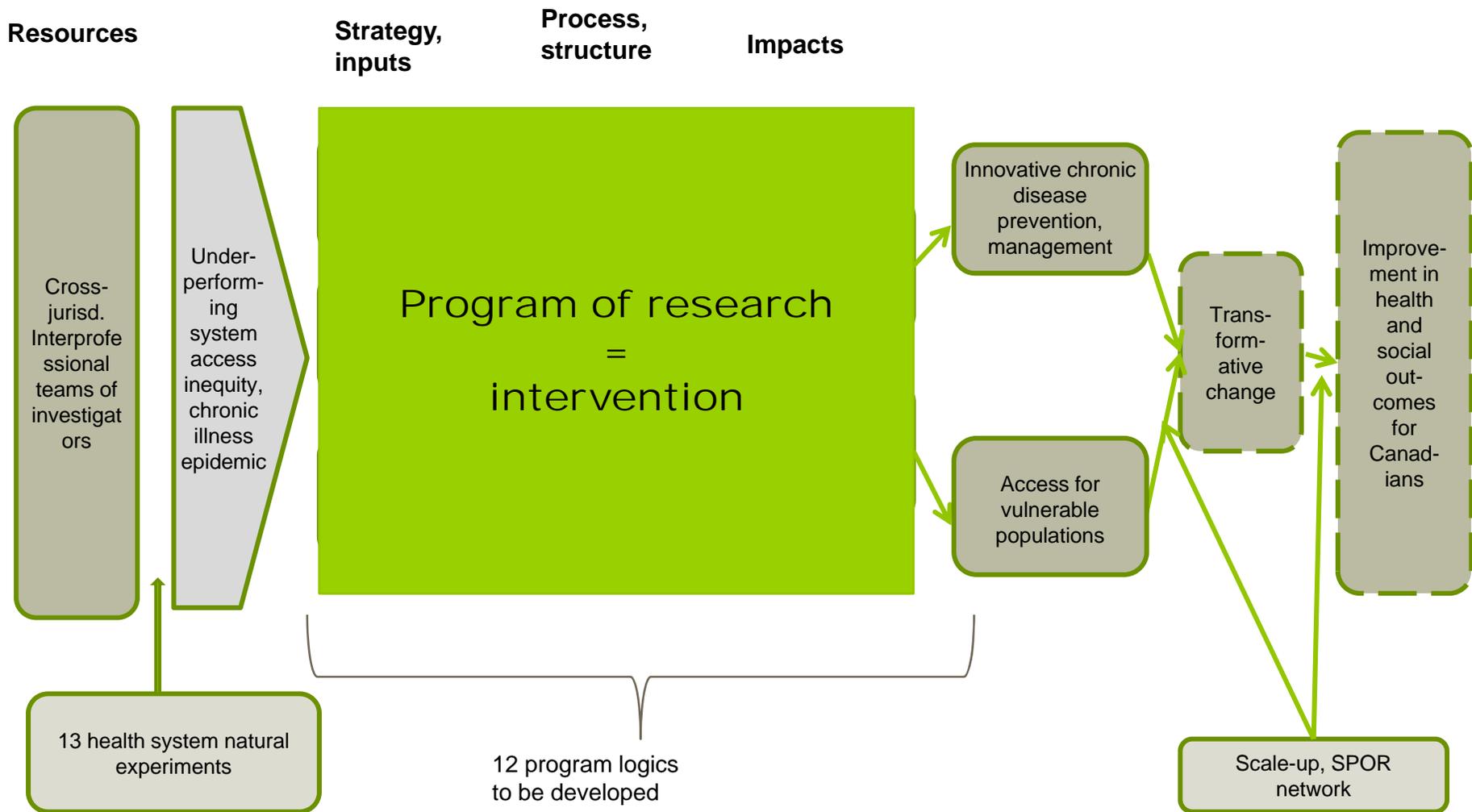
Centre de santé et de services sociaux
Champlain—Charles-Le Moyne

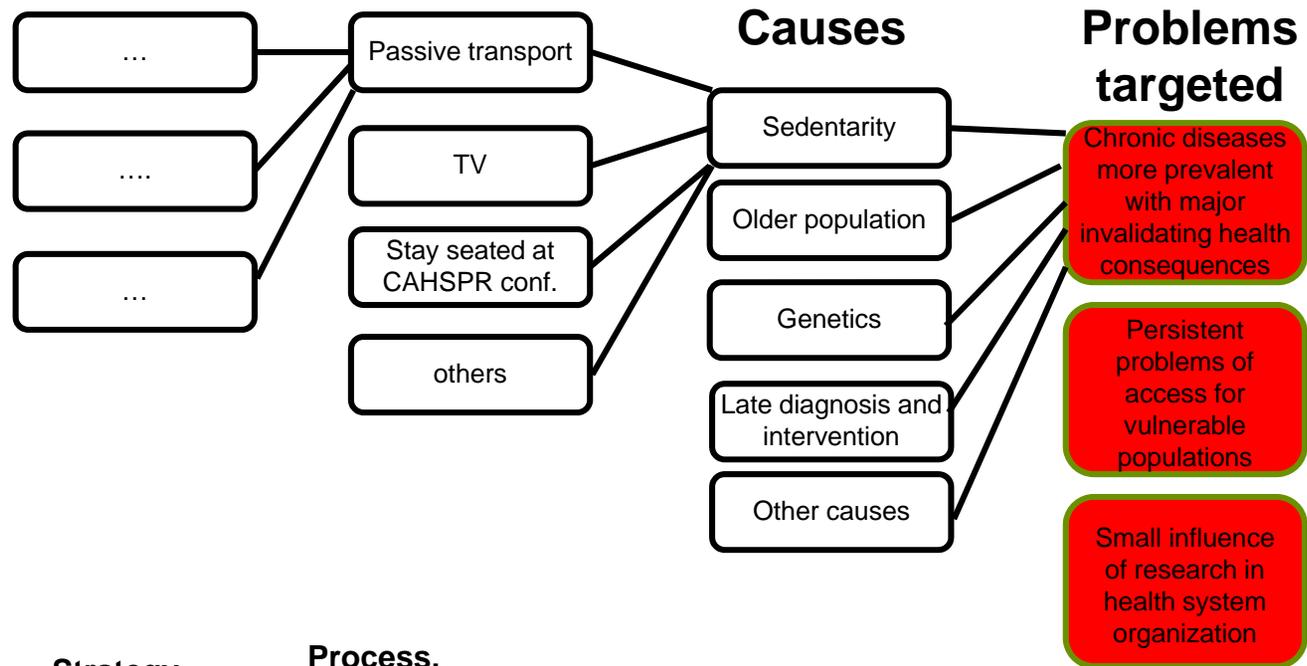


CIHR Program Logic Model for Transformative Change via CBPHC Innovation Teams



External factors or underlying assumptions



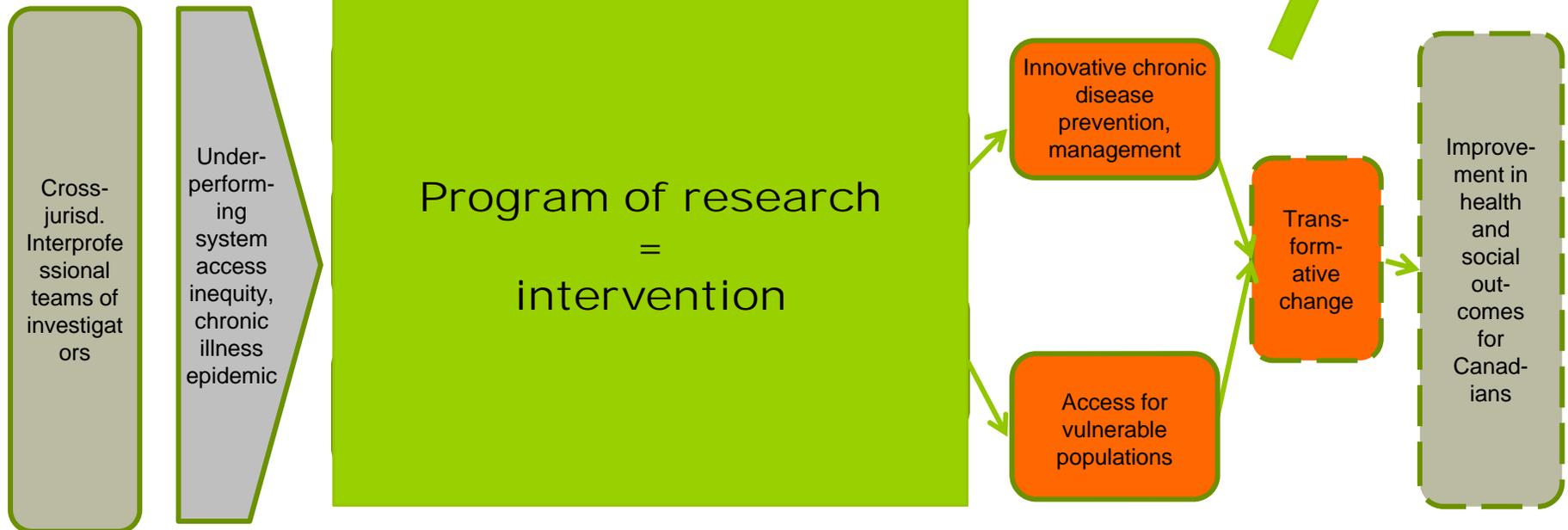


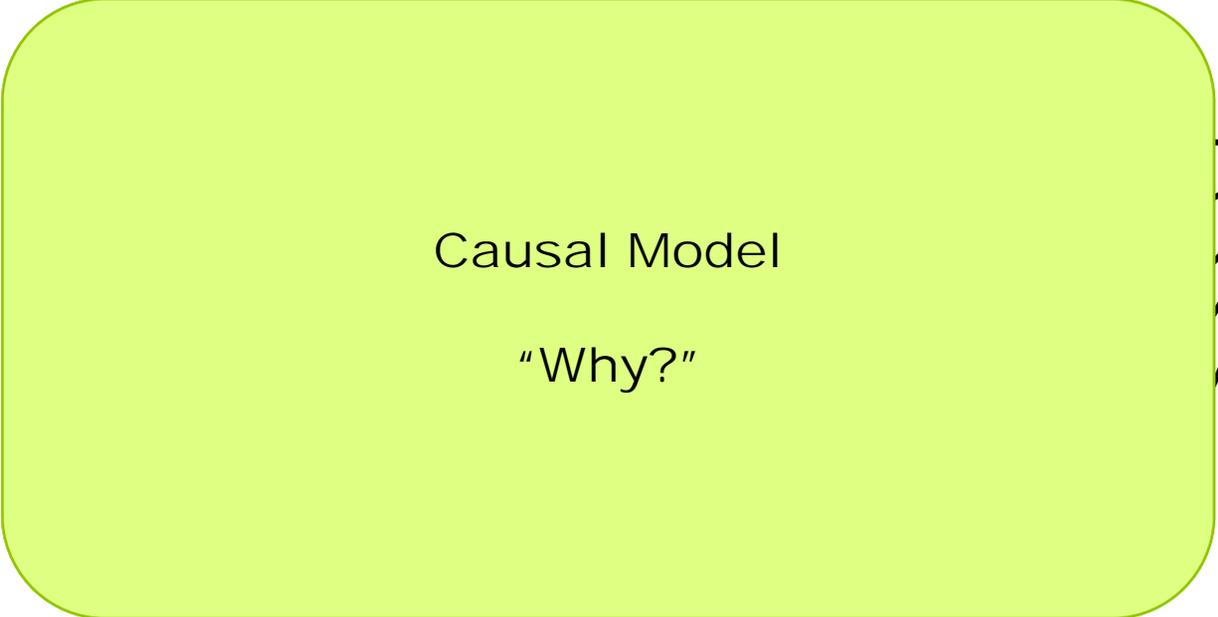
Resources

Strategy, inputs

Process, structure

Impacts ...





Problems targeted

Chronic diseases more prevalent with major invalidating health consequences

Persistent problems of access for vulnerable populations

Small influence of research in health system organization

Resources

Cross-jurisd. Interprofessional teams of investigators

Underperforming system access inequity, chronic illness epidemic

Strategy, inputs

Program of research = intervention

Process, structure

Impacts ...

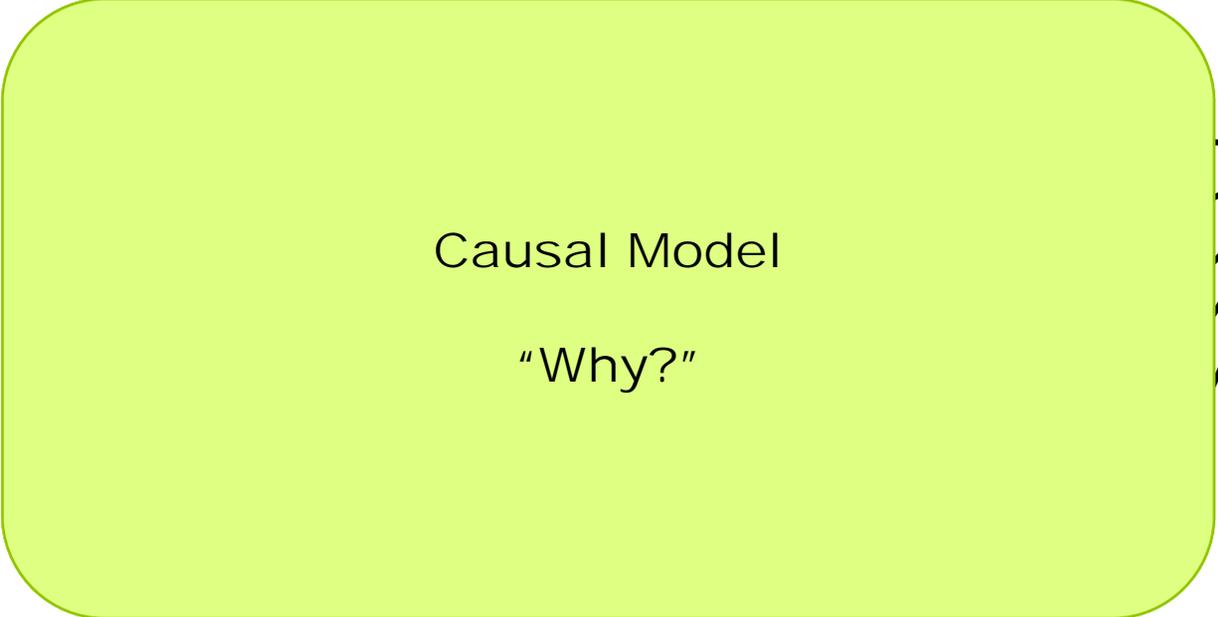
Innovative chronic disease prevention, management

Access for vulnerable populations

Transformative change

Improvement in health and social outcomes for Canadians





Problems targeted

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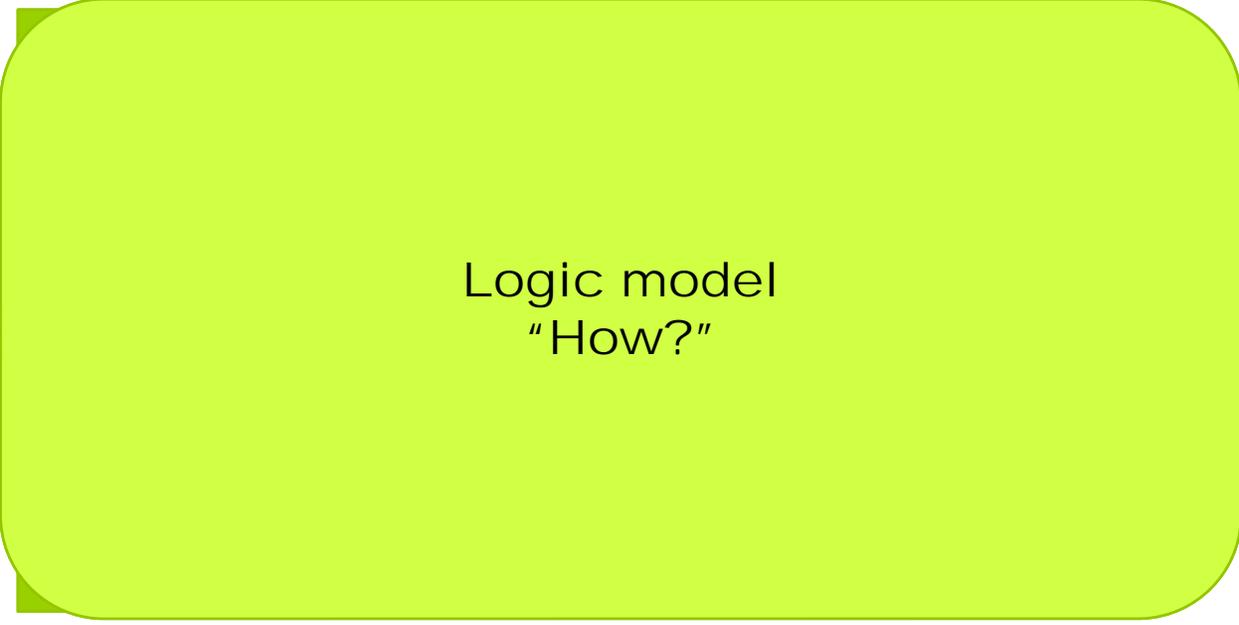
Cross-jurisd. Interprofessional teams of investigators

Underperforming system access inequity, chronic illness epidemic

Strategy, inputs

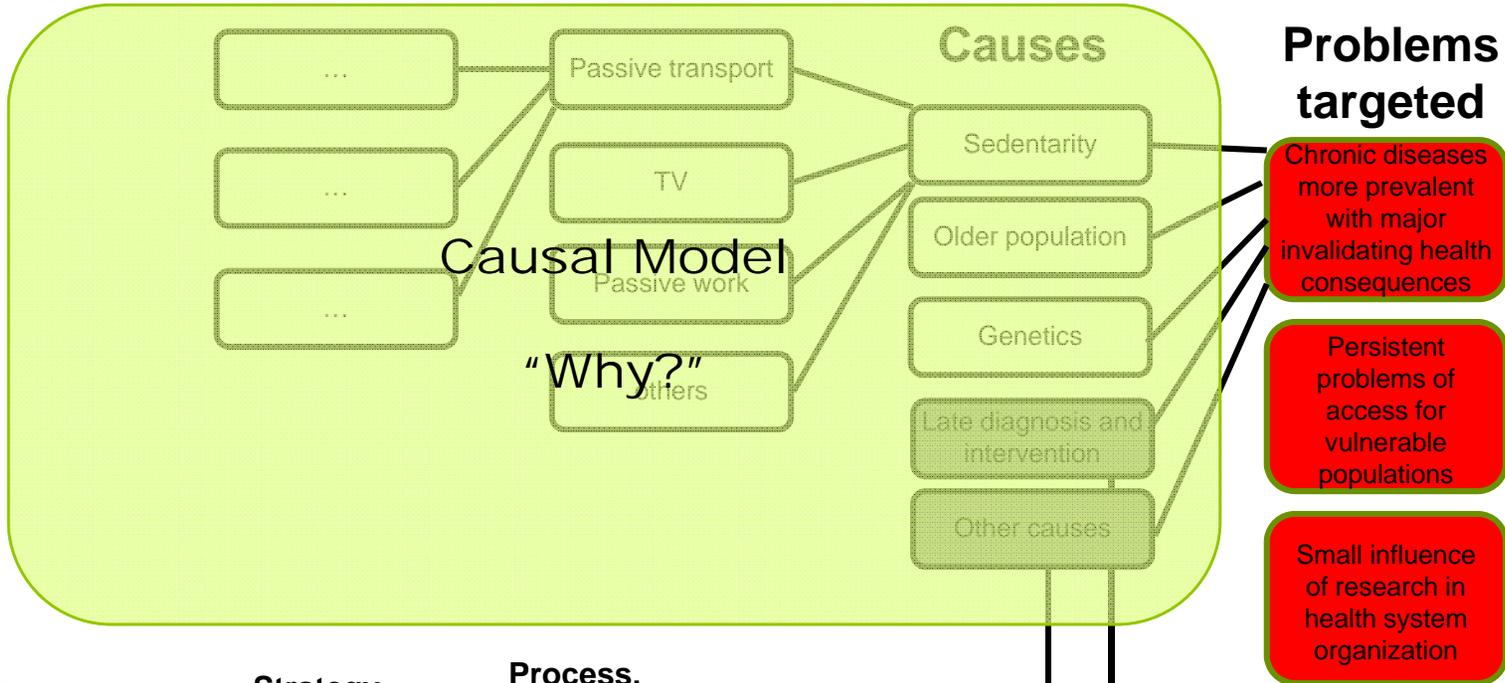
Process, structure

Impacts ...



Improvement in health and social outcomes for Canadians





Resources

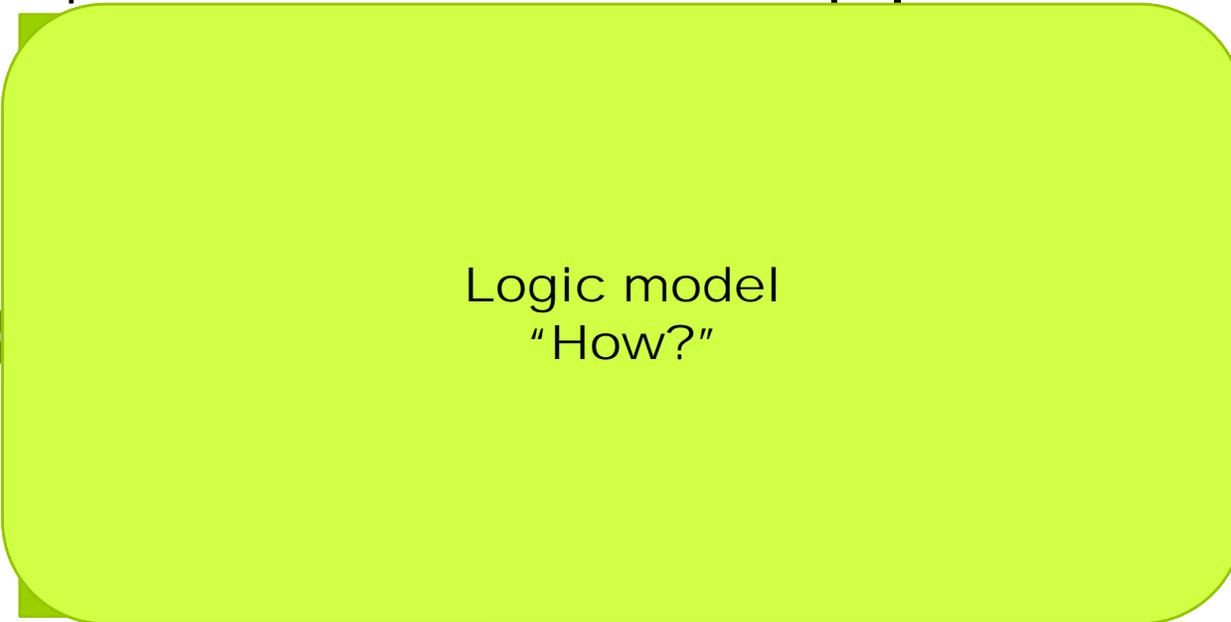
Strategy, inputs

Process, structure

Impacts ...

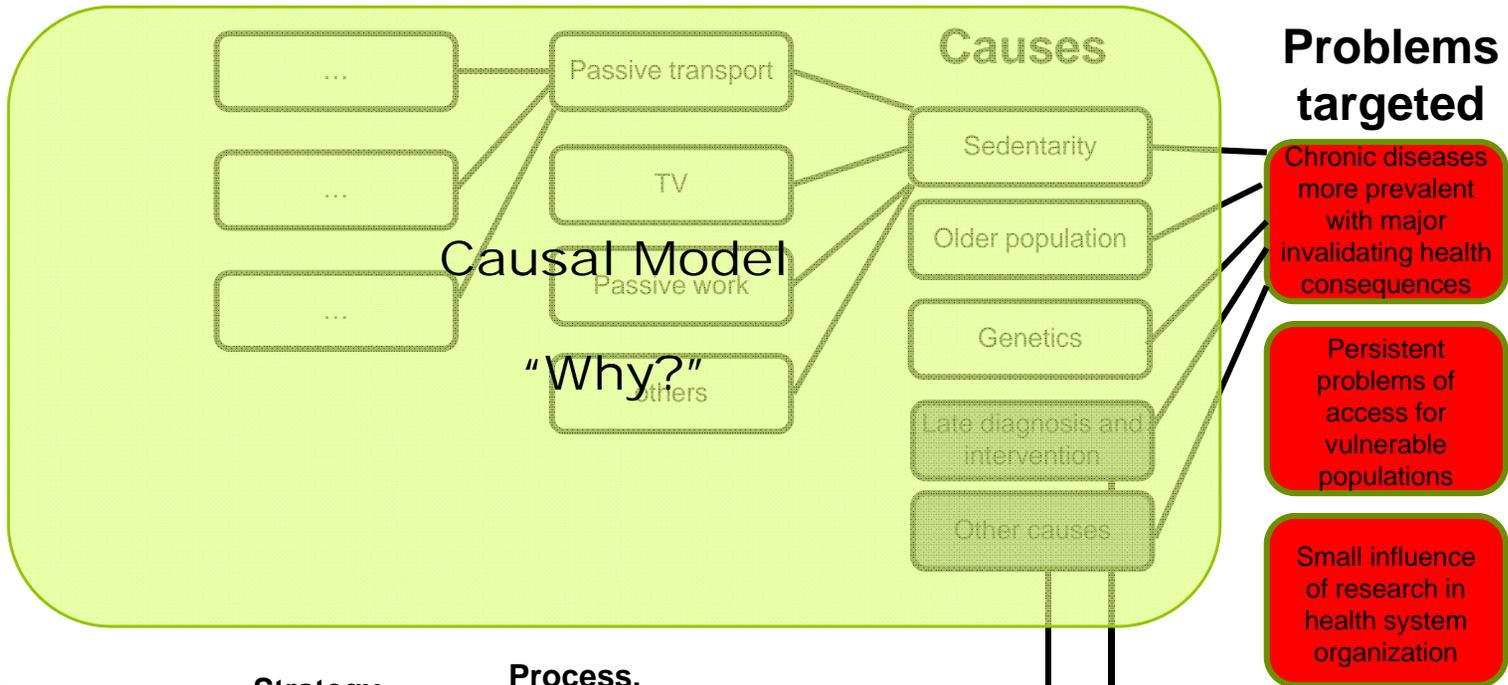
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Improvement in health and social outcomes for Canadians





Resources

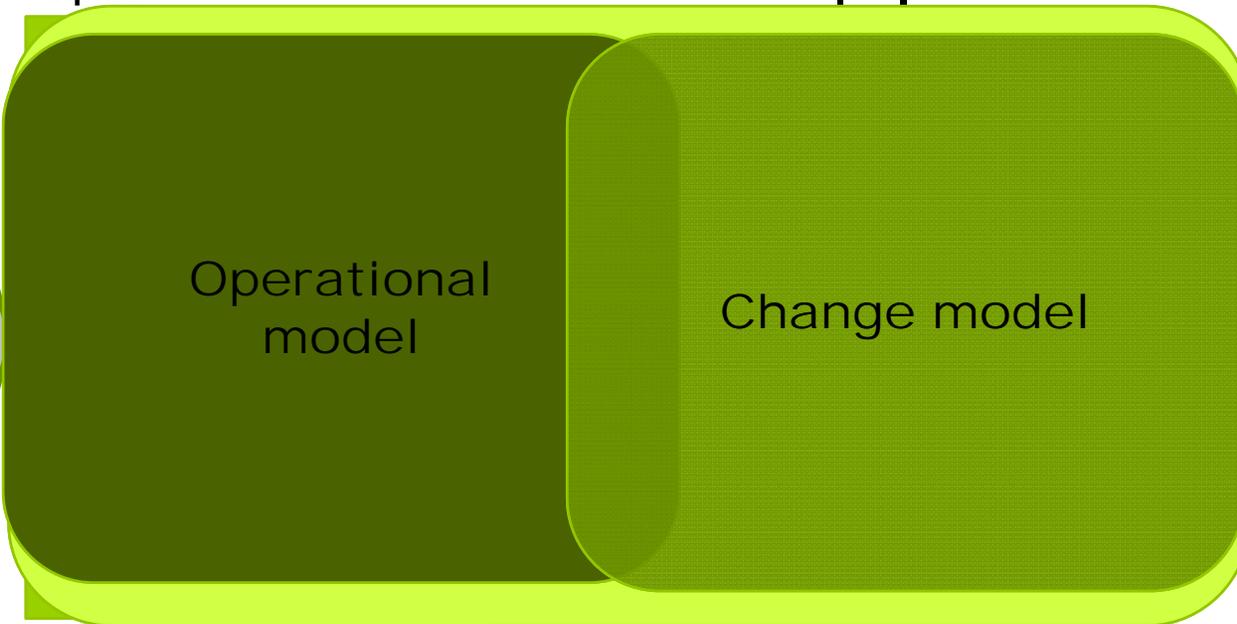
Strategy, inputs

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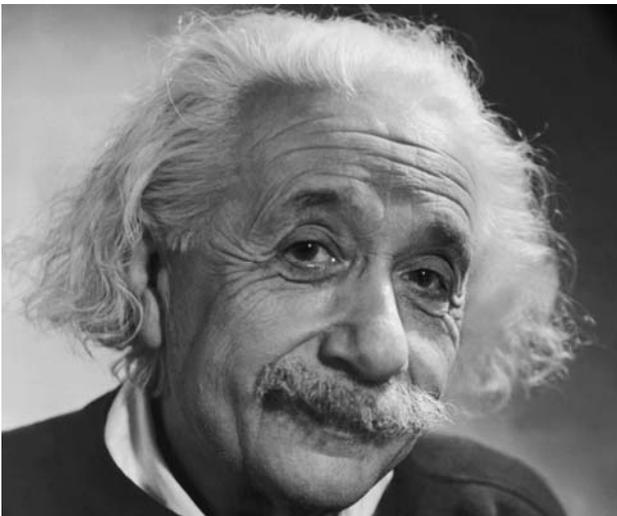


Improvement in health and social outcomes for Canadians



MATH

Problem: You have a funding agency that finances 12 different packages of resources, and 12 research teams that will find 12 different ways of using resources. Three problems are targeted, but programs won't necessarily target the same problems and not always the same causes for the same problem. How many models do you draw?



Solution:

12 operational models

12 change models?

3 causal models

POTENTIAL USES OF RESEARCH PROGRAM LOGIC MODELS (1/3)

1- Associated with the **process of building the logic models:**

- Shared understanding of resources, activities and intended outcomes, among researchers and other participants (stakeholders, policy-makers, etc.)
- Improved, enriched activities for other research programs
- Better understanding of the complementarity of the different programs in terms of knowledge-building (2 programmatic questions) (scale-up phase?)



POTENTIAL USES OF RESEARCH PROGRAM LOGIC MODELS (2/3)



2- Associated with **analysis of the change model** (logic analysis)

“Are we there yet?”:

- Two programmatic questions (prevention and management of chronic disease, access for vulnerable population)

- One political question (influence of science on policies)

How will knowledge derived from science impact the causes of the targeted problems? What are or what would be the best ways to get to the expected effects? Should we put in place other activities to foster the expected impact of science? What are the contextual conditions for success? Can we influence the context to facilitate achieving the objectives?

POTENTIAL USES OF RESEARCH PROGRAM LOGIC MODELS (3/3)

3- Associated with analysis of the targeted problems, their causes and determinants (strategic analysis)

If we really want to improve prevention and management of chronic diseases, to improve access to primary care for vulnerable population, and to influence health policies and health care organization, what are the main causes (by importance and feasibility) that should be targeted? Are we targeting the right causes? 3

The objective of science is to produce new knowledge. Science is increasingly being given a role of interventional research. But... is the real problem a problem of knowledge? If not, is it the role of science to solve policy problems? What other actors should be mobilized to solve such problems? Who should invite them to participate?

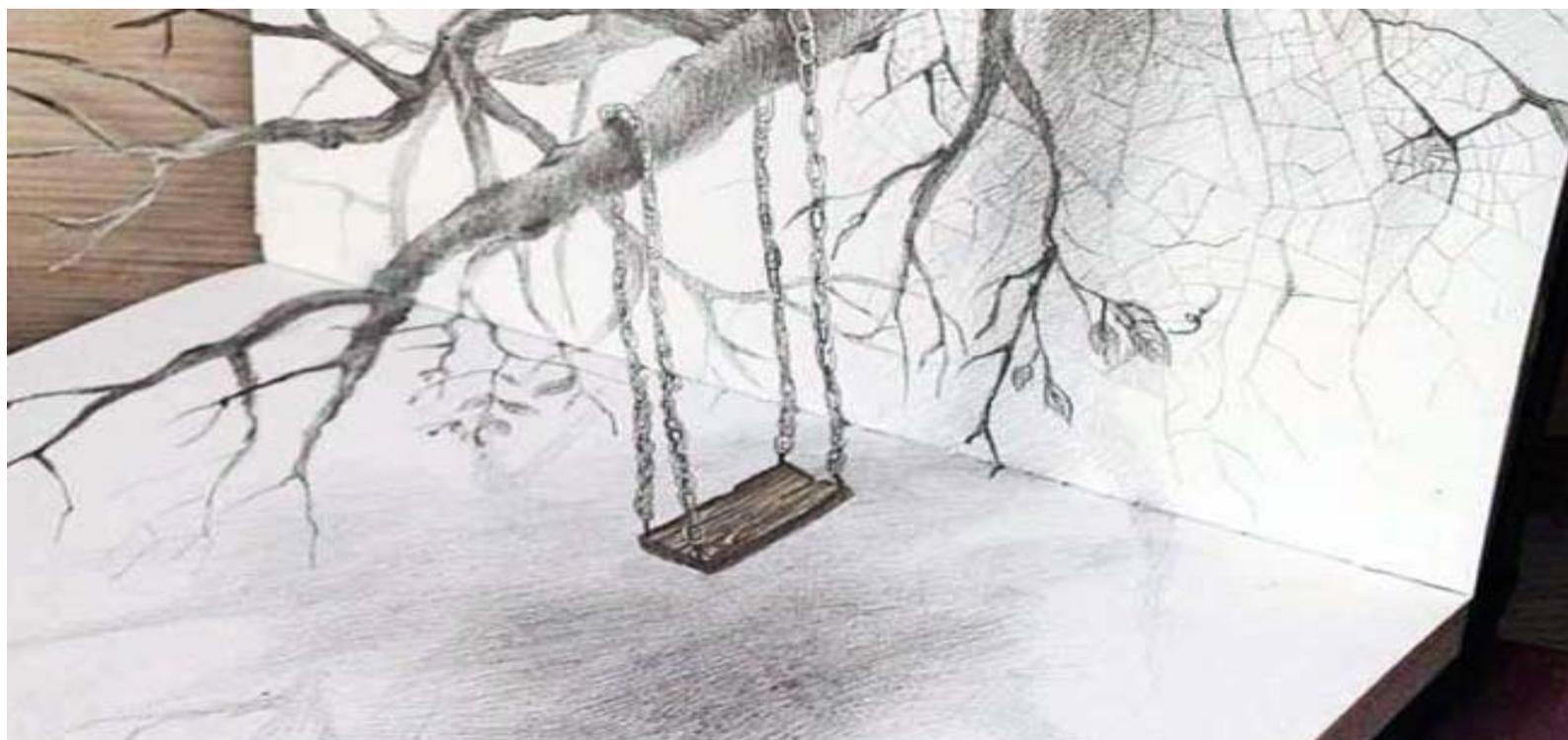
Slide 12

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Suggestion: "...what are the main causes (by priority and feasibility) that should be targeted?"

Patrick Riley, 5/21/2015

NOT JUST A DRAWING...



Slide 13

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Note on the slide notes:

"finalité" in French = "purpose" in English, generally speaking. "Finality" has a quite different meaning.

Patrick Riley, 5/21/2015