

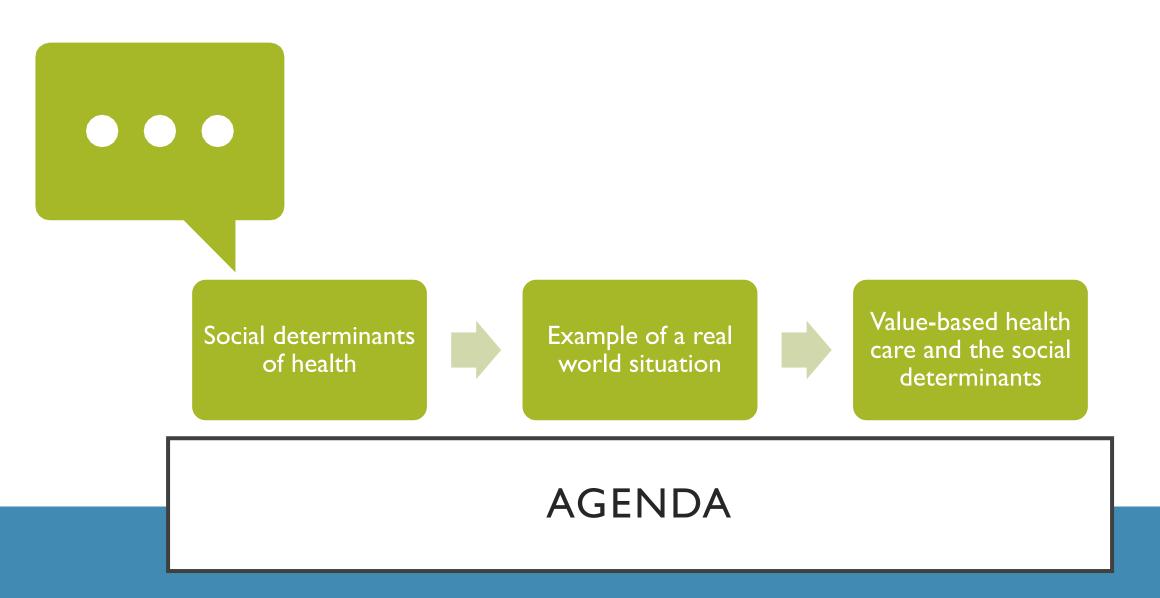
WHAT ARE THE DETERMINANTS OF HEALTH? AND WHY DO THEY MATTER?

Dr. Ambreen Sayani

13th November, 2018

Drug Pricing Policy Summit 2018: Patients Redefining Health Care

Toronto, Canada



What are the determinants of health? And why do they matter?

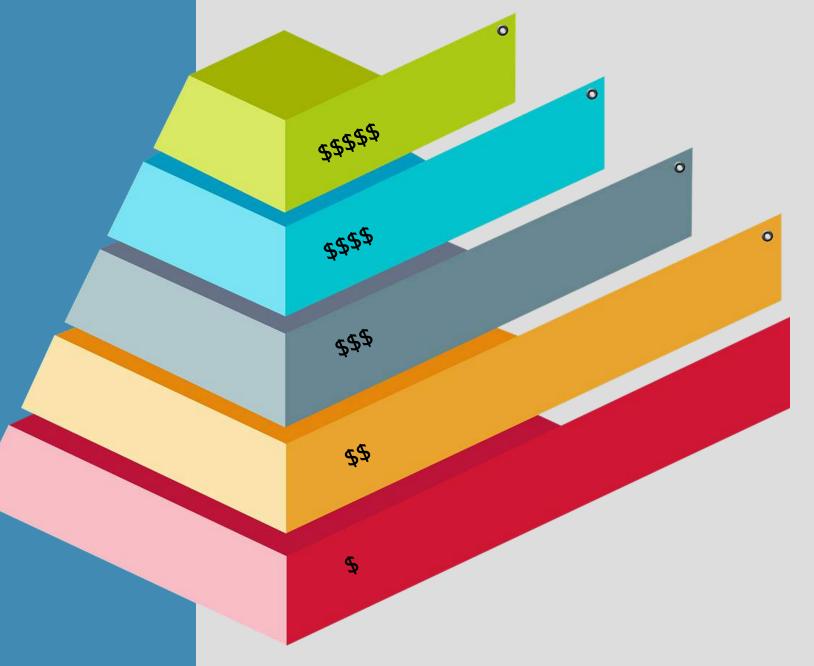




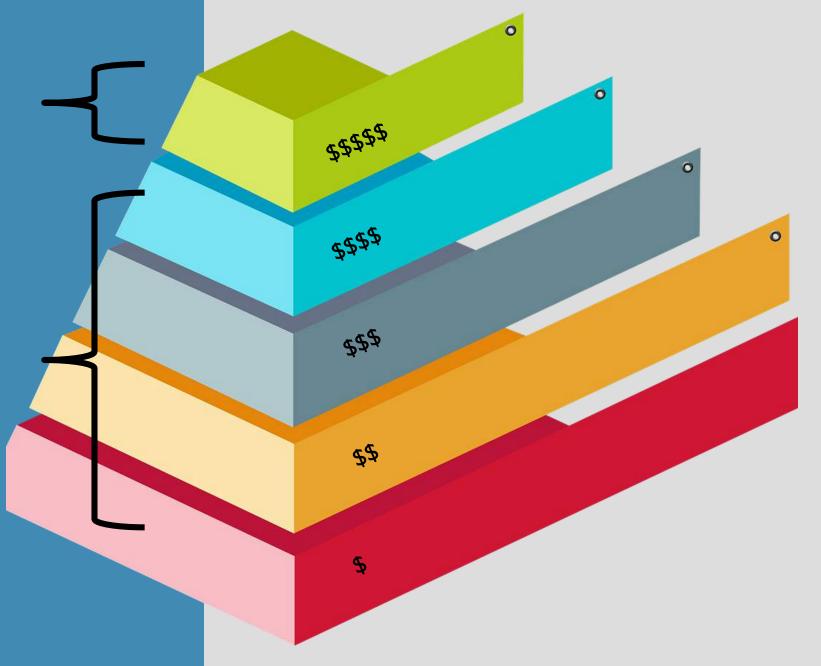


"Now here's a newsflash. Recent studies show that feelings of well-being rise with income."

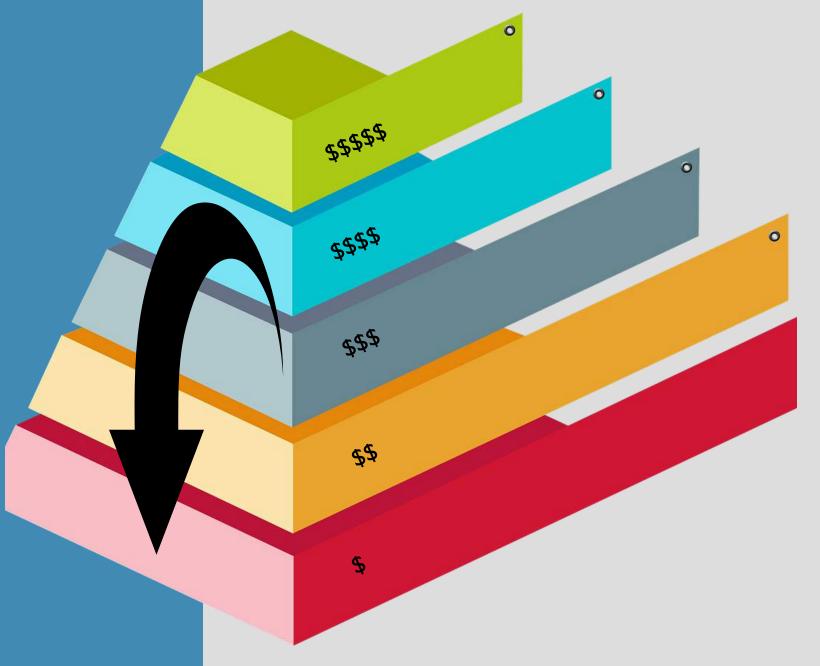
Canadians were divided into five quintiles of approximately equal numbers from poorest to wealthiest.



Over a 16 year period, the number of deaths of the wealthiest 20% of Canadians was compared to the other 80% of Canadians.

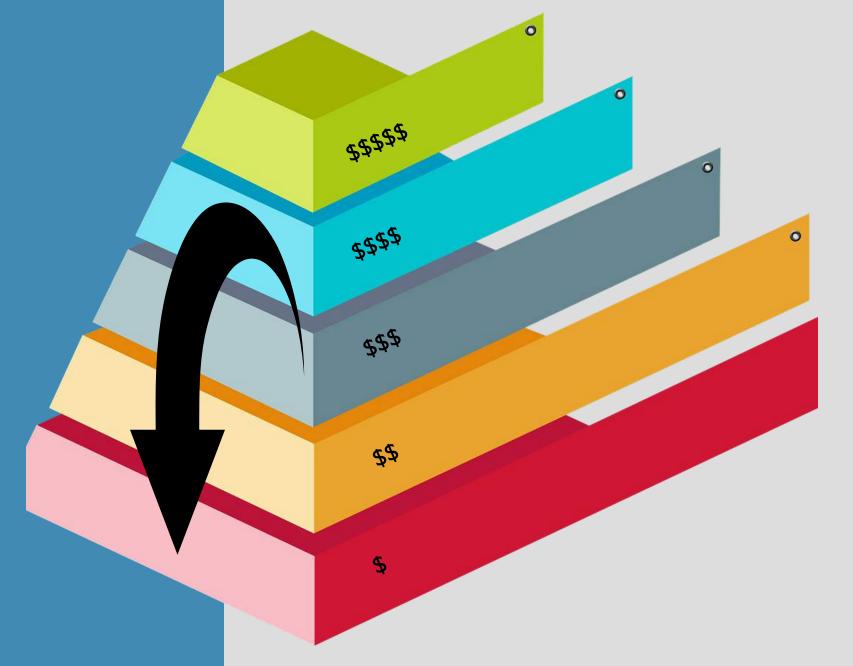


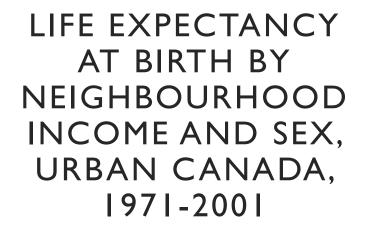
If all Canadians were as healthy as the top 20% of income earners, there would be approximately **40,000** fewer deaths each year, every year.

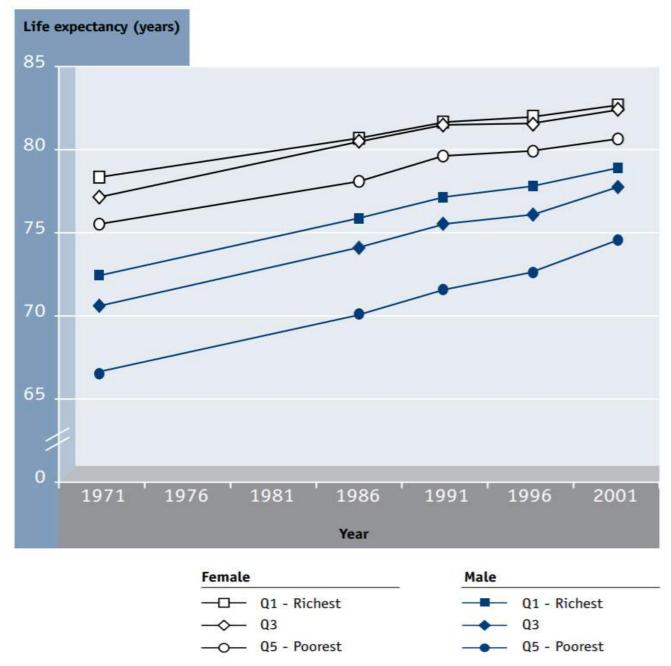


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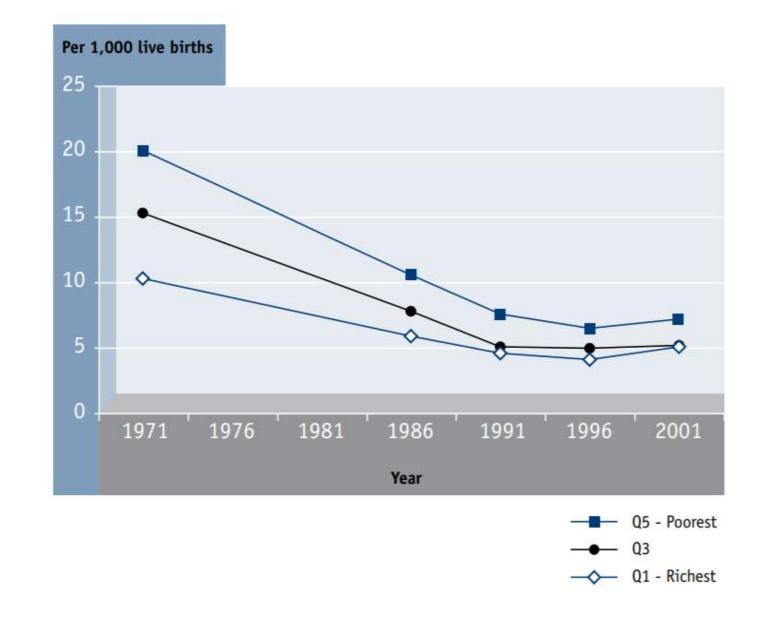
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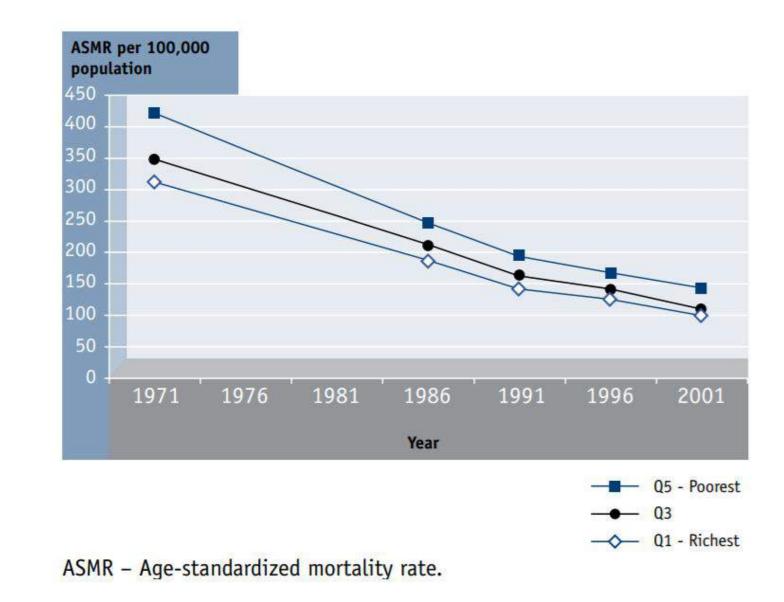




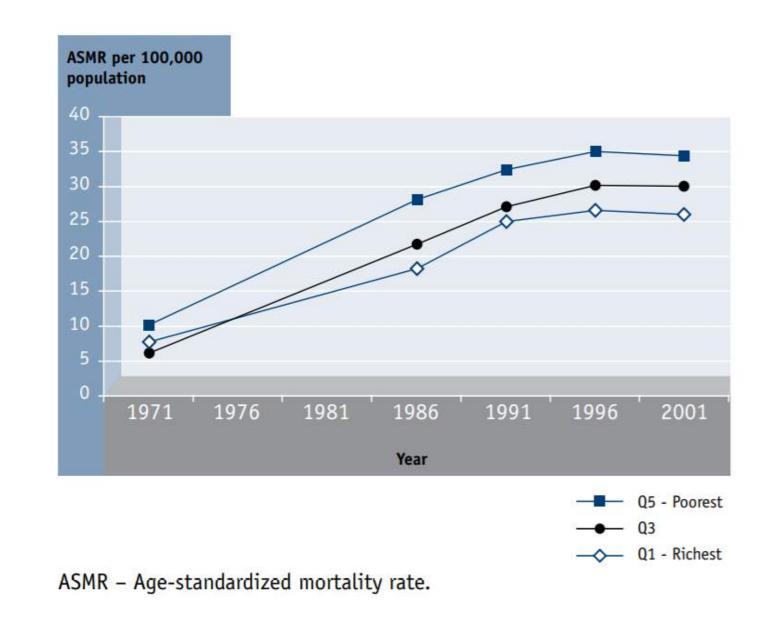
INFANT MORTALITY RATE BY NEIGHBOURHOOD INCOME, URBAN CANADA, 1971-2001



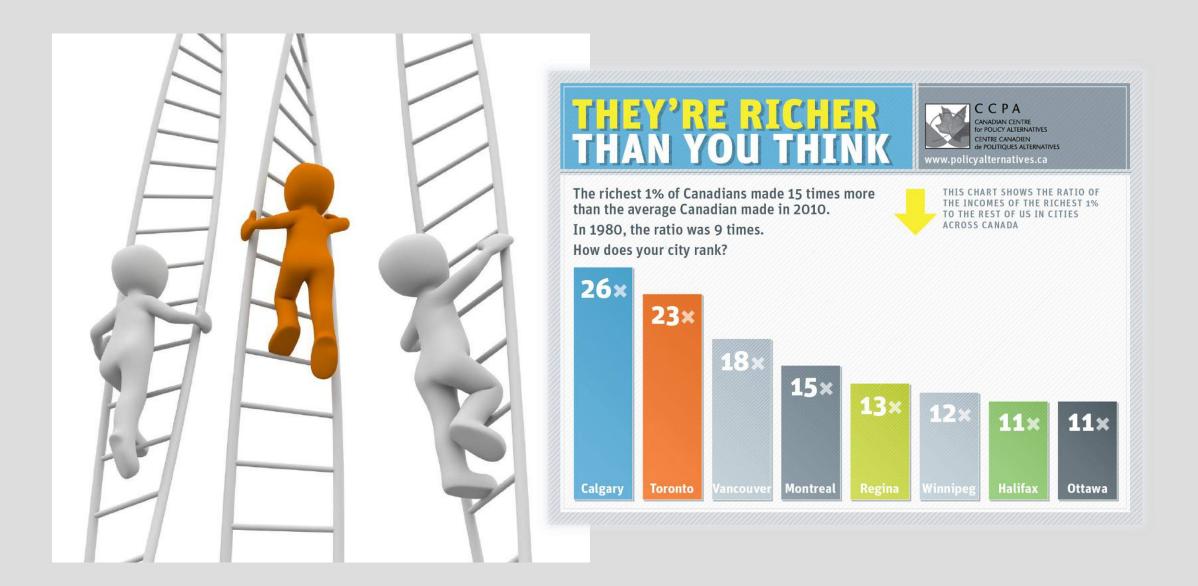
AGE-**STANDARDIZED** MORTALITY RATES FOR **ISCHEMIC HEART** DISEASE BY NEIGHBOURHOOD INCOME, MALE, URBAN CANADA, |97|-200|

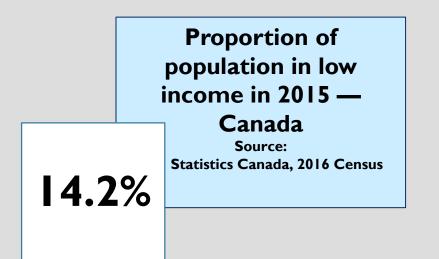


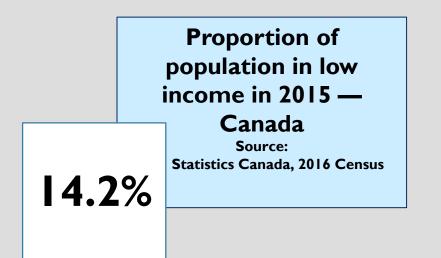
AGE-STANDARDIZED MORTALITY RATES FOR LUNG CANCER BY NEIGHBOURHOOD INCOME, FEMALE, URBAN CANADA, 1971-2001

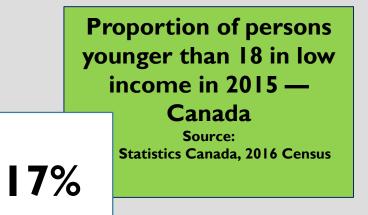


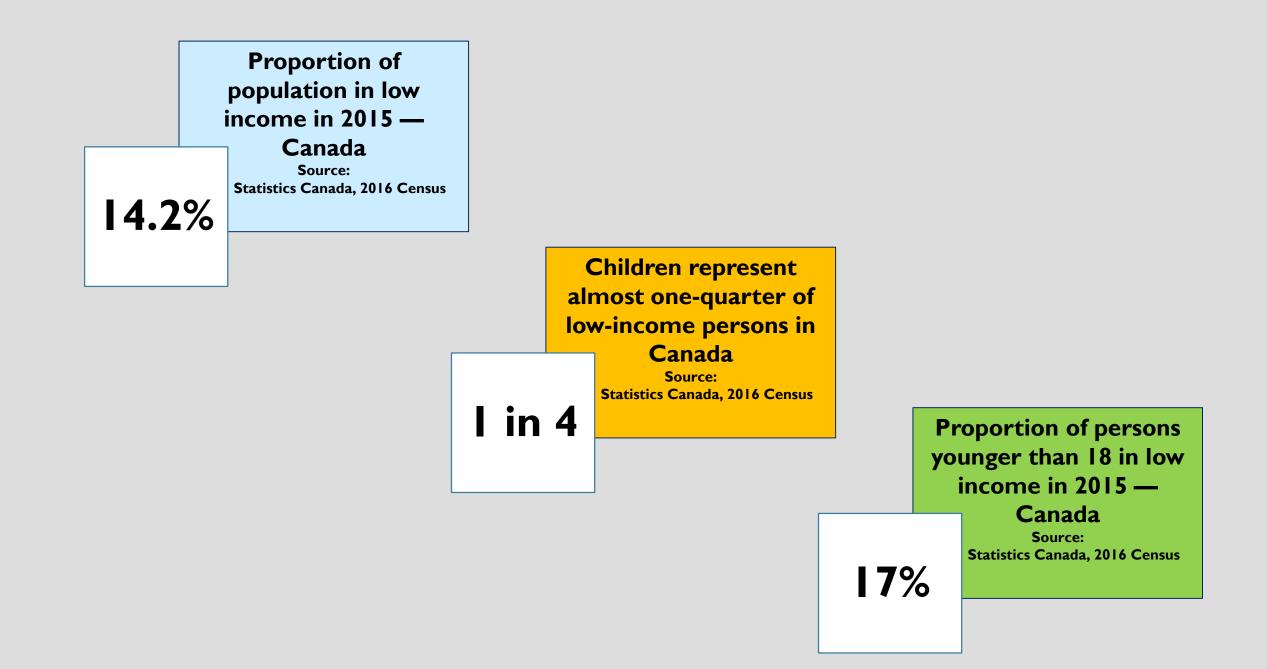


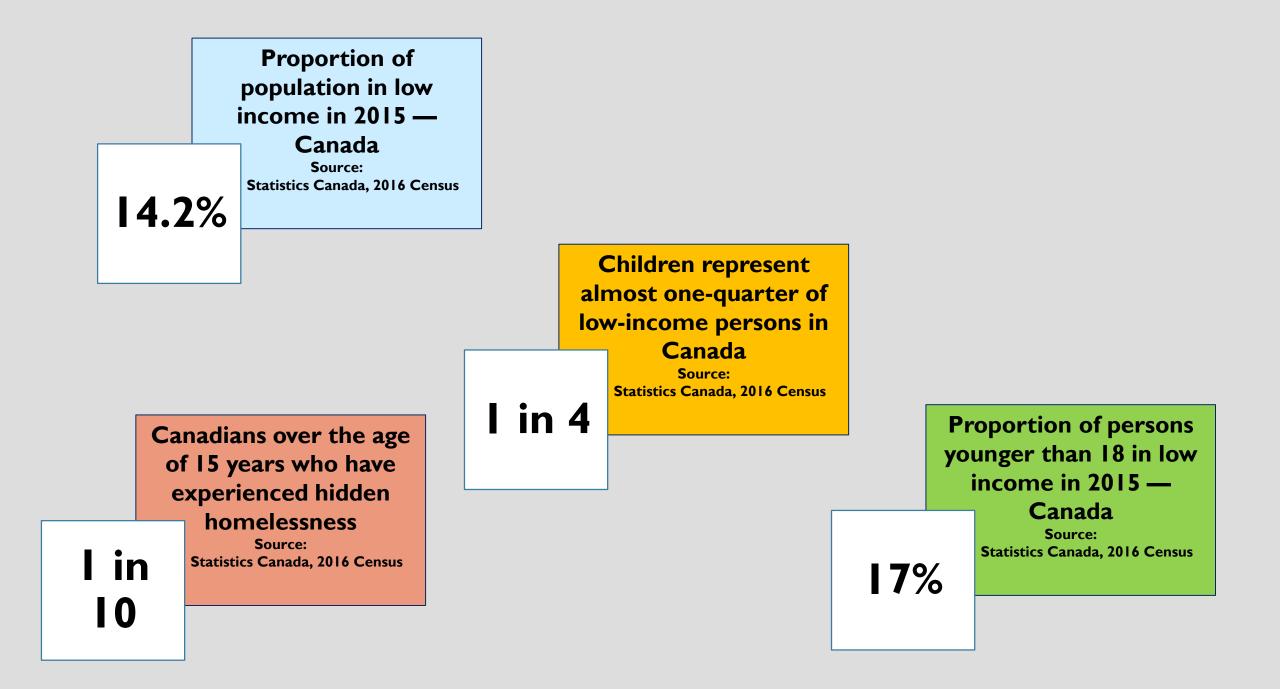


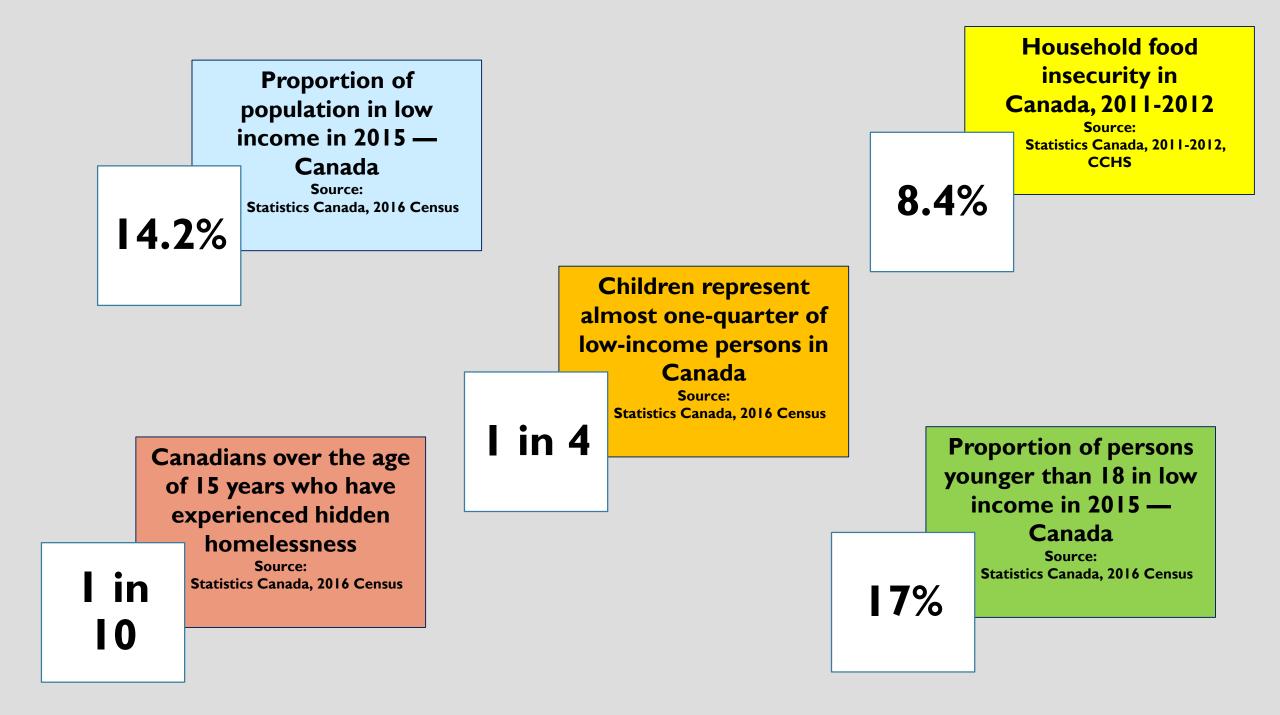












Aboriginal status	
Disability	
Early life	
Education	
Employment and working conditions	
Food security	
Health services	
Gender	Canada
Housing	
Income and income distribution	
Race	
Social exclusion	
Social safety net	
Unemployment	

THE CANADIAN SOCIAL DETERMINANTS OF HEALTH

Source: Mikkonen, J. and Raphael, D. (2010). Social Determinants of Health: The Canadian Facts

	WHAT MAKES CANADIANS SICK?	ŤŔŤŔŤŔŤŔŤŔ ŤŔŤŔŤŔŤŔŤŔ
50%	YOUR LIFE INCOME EARLY CHILDHOOD DEVELOPMENT DISABILITY EDUCATION SOCIAL EXCLUSION SOCIAL SAFETY NET GENDER EMPLOYMENT/WORKING CONDITIONS RACE ABORIGINAL STATUS SAFE AND NUTRITIOUS FOOD HOUSING/HOMELESSNESS COMMUNITY BELONGING	ŤŤŤŤŤŤŤŤŤŤŤ ŤŤŤŤŤŤŤŤŤŤŤ ŤŤŤŤŤŤŤŤŤŤ
25%	YOUR HEALTH CARE - ACCESS TO HEALTH CARE HEALTH CARE SYSTEM WAIT TIMES	ŤŦŤŦŤŤŤŤŤŤ ŤŦŤŤŤŤŤŤŤŤ
15%	YOUR BIOLOGY BIOLOGY GENETICS	
10%		''' 'T' 'T' 'T' 'T' 'T' 'T' 'T' 'T ' 'T '
THESE ARE CANADA'S SOCIAL DETERMINANTS OF HEALTH #SDOH		

Source: Canadian Medical Association

Social determinants of health are the economic and social conditions that influence the health of individuals, communities, and jurisdictions as a whole.



Social determinants of health are about the quantity and quality of a variety of resources that a society makes available to its members.

THE SOCIAL DETERMINANTS OF HEALTH

Source: Dahlgren, G., & Whitehead, M. (1991). Policies and strategies to promote social equity in health. Background document to WHO - Strategy paper for Europe



HOW DO THE SOCIAL DETERMINANTS INFLUENCE HEALTH?





SOCIAL DETERMINANTS DEFINE THE PREREQUISITES FOR HEALTH, SUCH AS SHELTER, FOOD, WARMTH, AND THE ABILITY TO PARTICIPATE IN SOCIETY; SOCIAL DETERMINANTS CAN CAUSE STRESS AND ANXIETY WHICH CAN DAMAGE PEOPLE'S HEALTH; SOCIAL DETERMINANTS CAN LIMIT PEOPLES' CHOICES AND HINDER DESIRABLE CHANGES IN BEHAVIOUR.

Source: Adapted from Benzeval, Judge, & Whitehead, 1995, p.xxi, Tackling Inequalities in Health: An Agenda for Action.

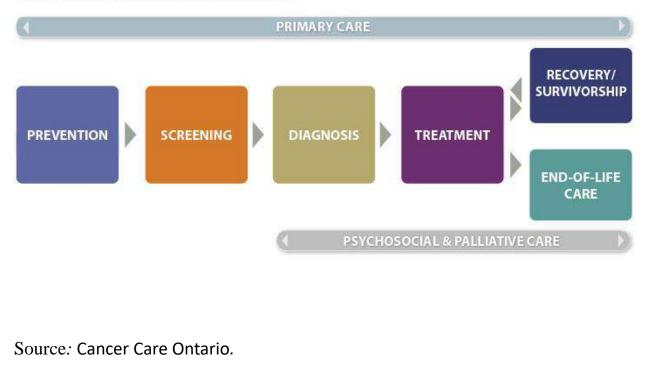
The cancer journey

Better cancer services every step of the way



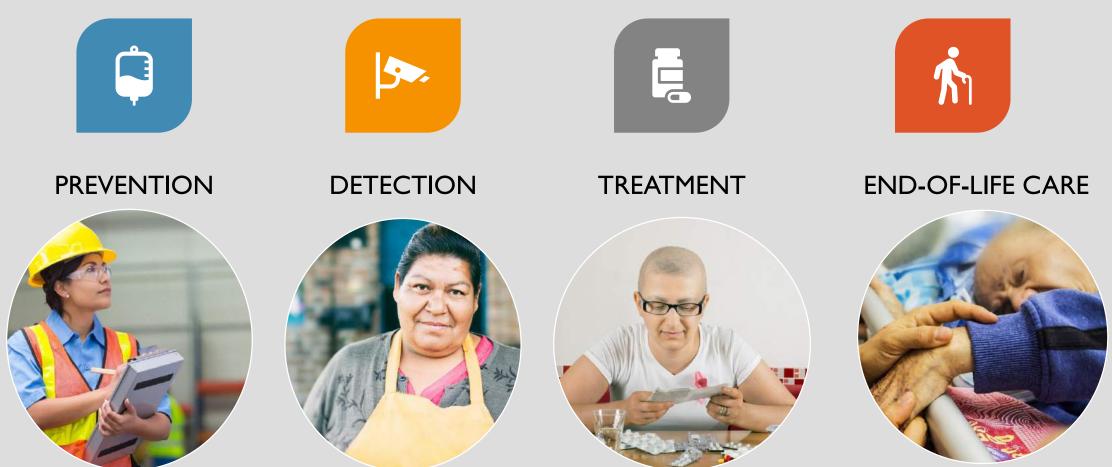
Source: Cancer Care Ontario.

The cancer journey Better cancer services every step of the way





THE SOCIAL DETERMINANTS OF HEALTH AND THE BREAST CANCER CARE CONTINUUM





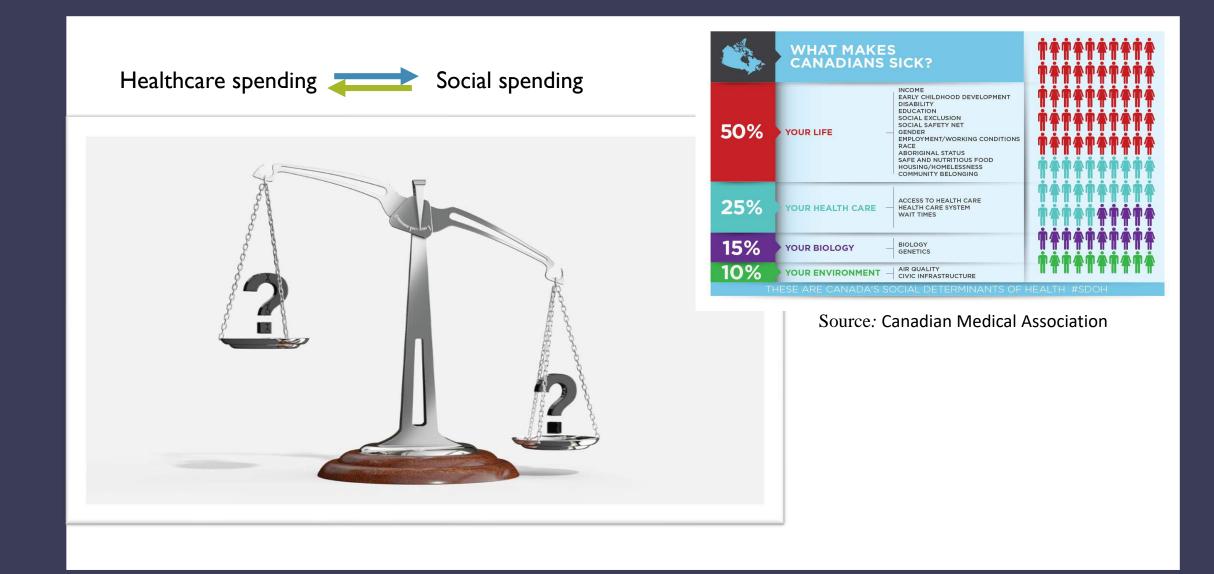


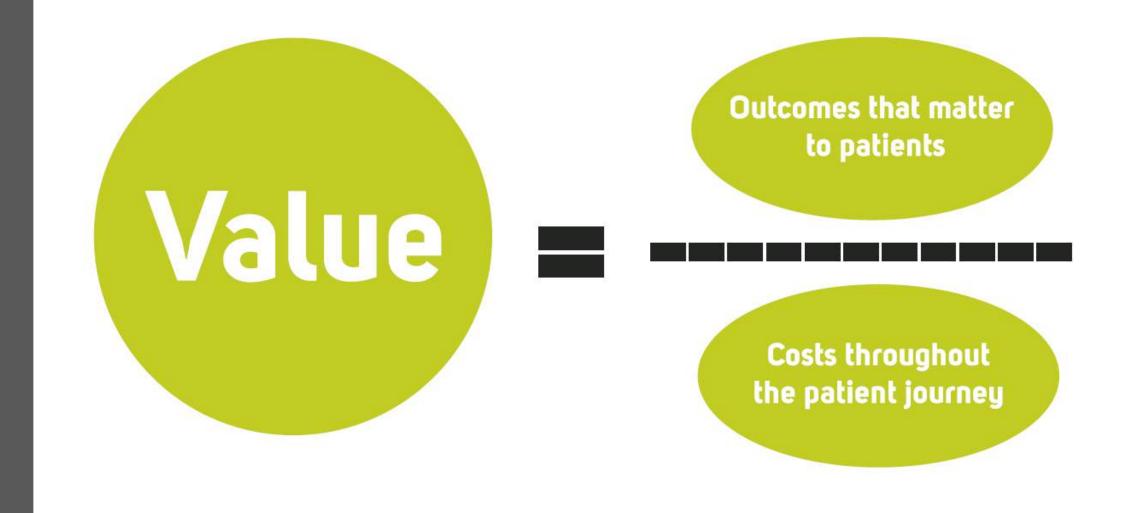






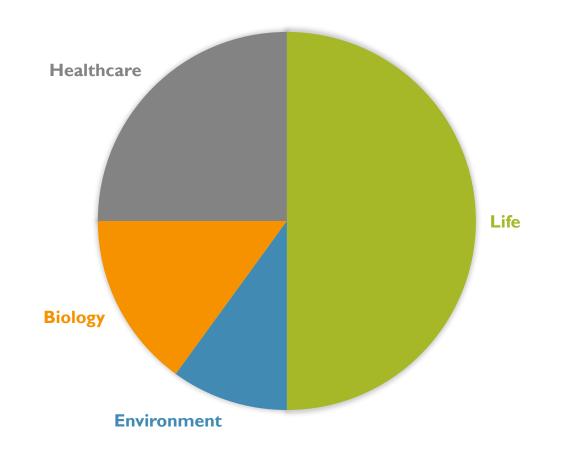






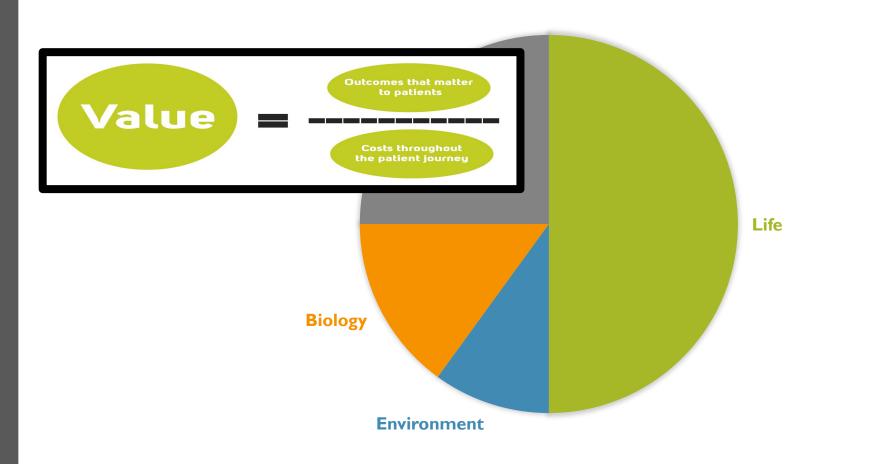
Source: Porter, M. E. (2010). What Is Value in Health Care? *New England Journal of Medicine*, *363*(26), 2477–2481. In Canadian Foundation for Healthcare Improvement. (2018, August). Aligning Outcomes and Spending: Canadian Experiences with Value-Based Health.

WHAT MAKES CANADIAN'S SICK?



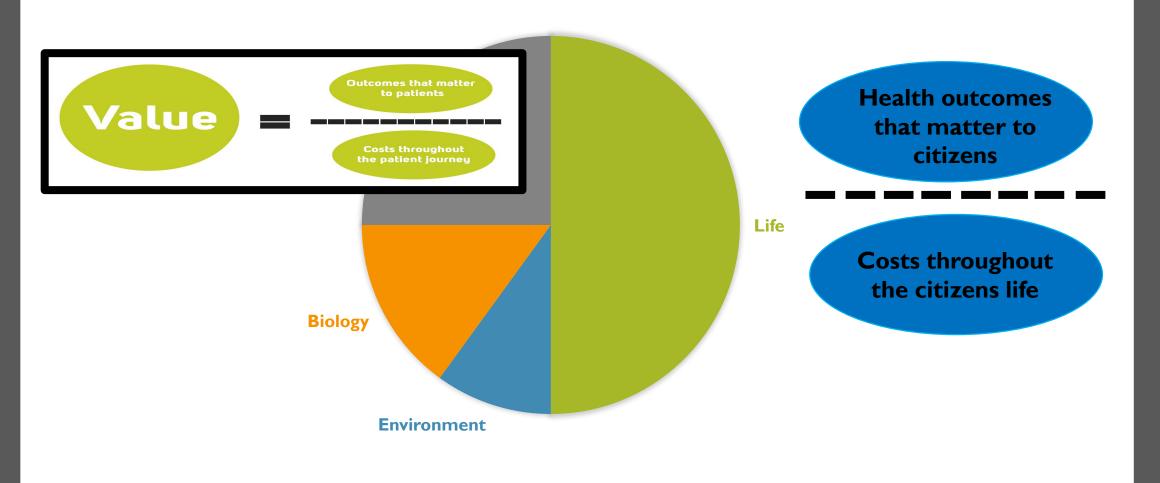
Source: Adapted from Canadian Medical Association infographic on What Makes Canadian's Sick?

WHAT MAKES CANADIAN'S SICK?

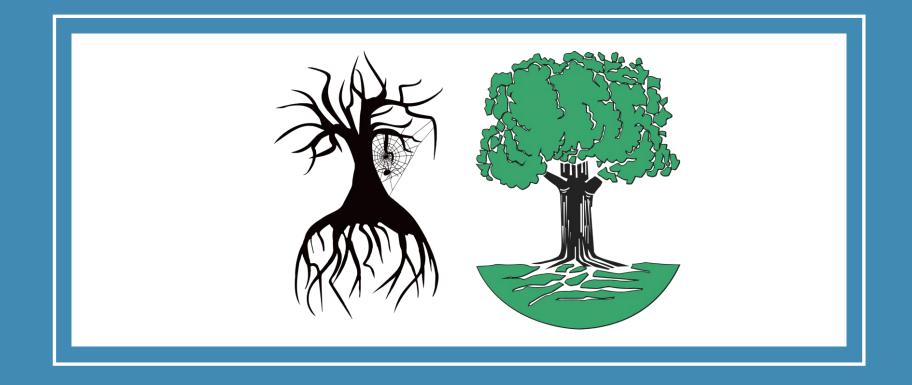


Source: (i) *Adapted from* Canadian Medical Association infographic on What Makes Canadian's Sick? (ii) Porter, M. E. (2010). What Is Value in Health Care? *New England Journal of Medicine*, *363*(26), 2477–2481. In Canadian Foundation for Healthcare Improvement. (2018, August). Aligning Outcomes and Spending: Canadian Experiences with Value-Based Health.

WHAT MAKES CANADIAN'S SICK?



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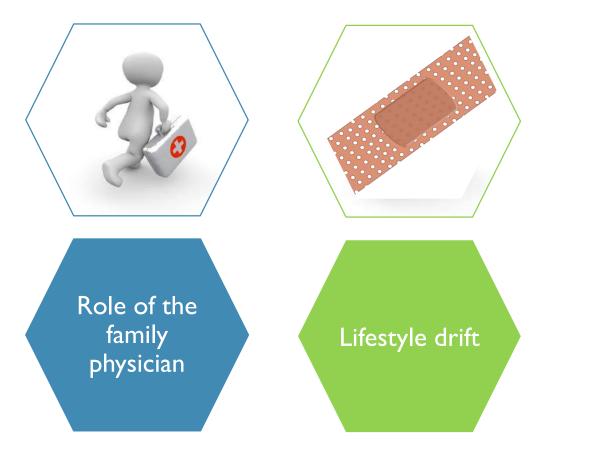


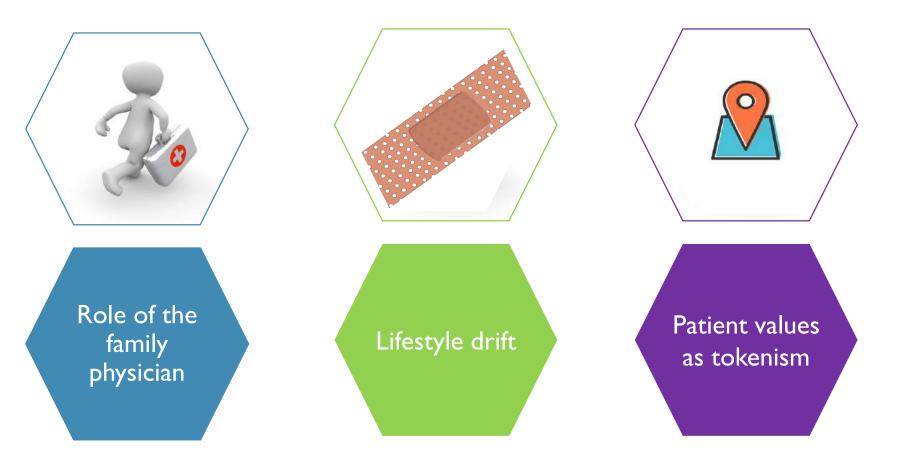
DRIVING VALUE THROUGH INVESTING IN THE SOCIAL DETERMINANTS OF HEALTH

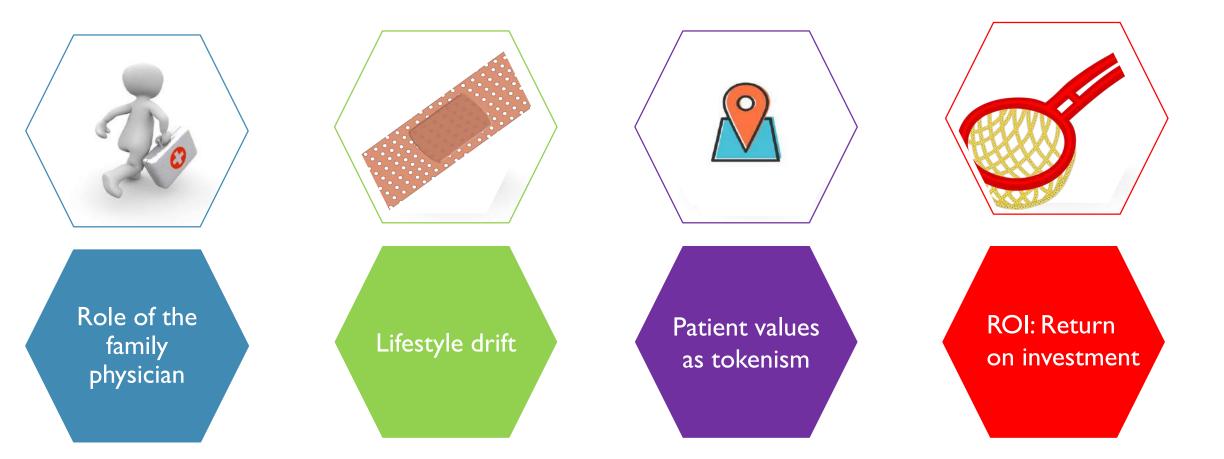
LOOKING AHEAD



Role of the family physician









Thank you! Questions? Email: asayani I @yorku.ca