

Social & Cultural Factors influencing Antibiotic Use Behaviours in Canada

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Ongoing research in Quebec

Research carried out with Eve Dubé (PI, medical anthropologist, INSPQ)

Research in Quebec	Period of time	Participants	Method
Knowledge, attitudes & practices about antibiotic use	2018-2019	Adult population (7240 people)	Quantitative: Population survey



Objectives

- Describe knowledge, attitudes & perceptions regarding antibiotics & antimicrobial resistance
- Describe antibiotic use

- Identify information needs

- Compare perceptions of antimicrobial resistance and antibiotic use among participants with diverse sociodemographic characteristics (e.g. age, chronic diseases, etc.)

**Antibiotic use:
a complex & multifactorial reality**



New comers (Government of Canada)

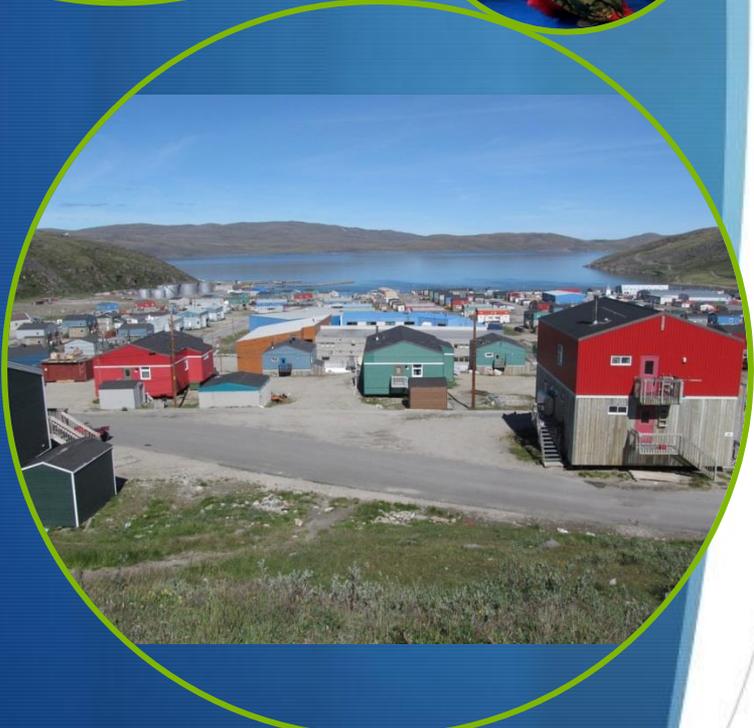


New comers
(Radio Canada)



Different populations in Canada

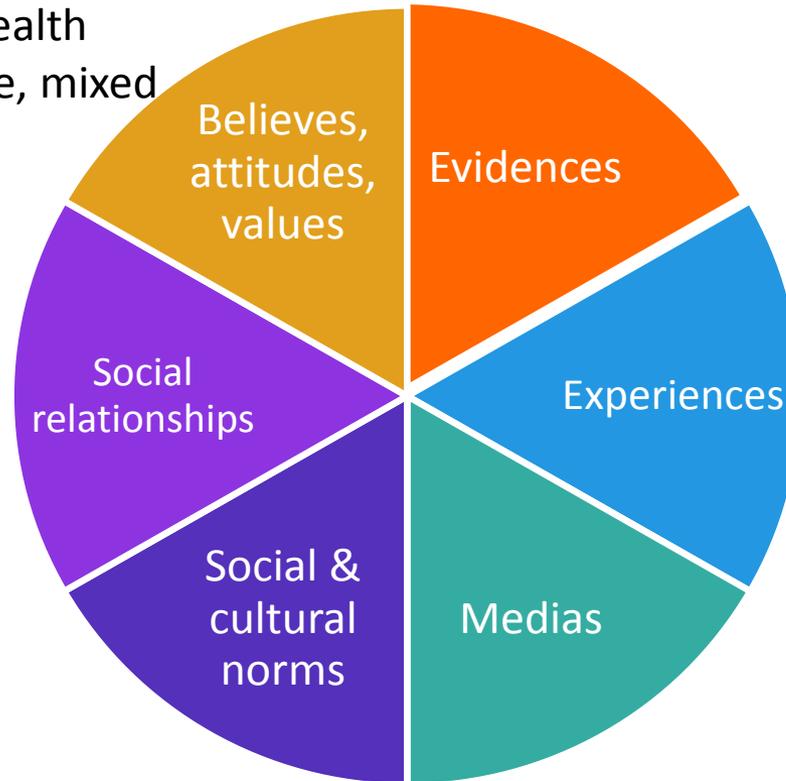
- **Diversity** of the Canadian population (i.e. immigrants, urban and rural populations)
- Different populations settled in a **vast territory**
- **People travelling** (i.e. migrations, tourism)
- A population with **social and economical disparities**



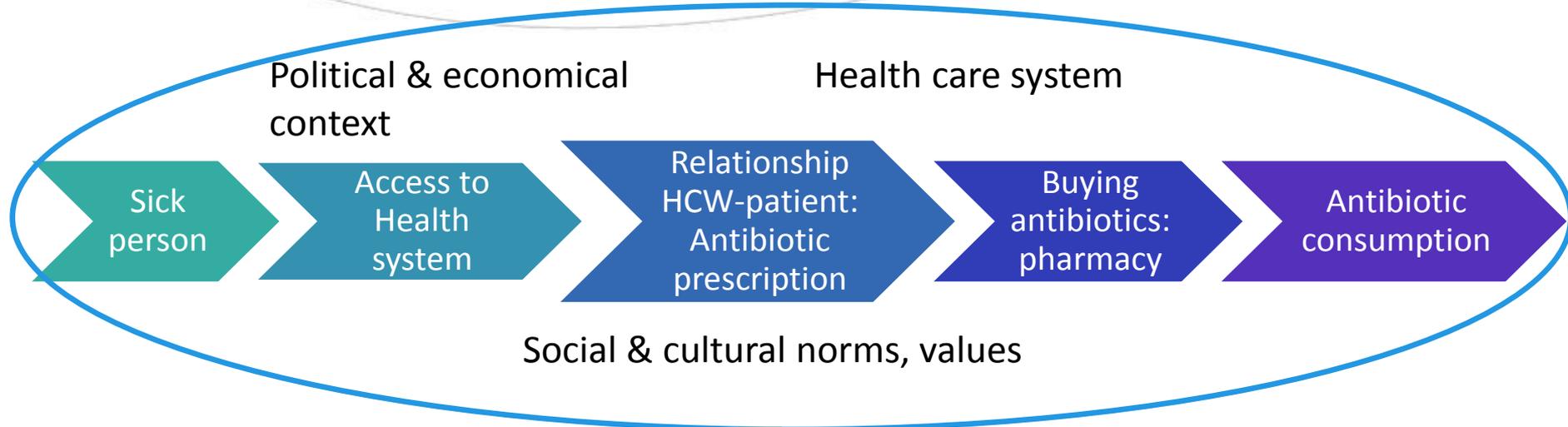
A remoted village in Nunavik
(A. Lorcy)

Multiple Sources of Health knowledge: « Bricolage »

Knowledge about health
and disease: multiple, mixed
& in evolution

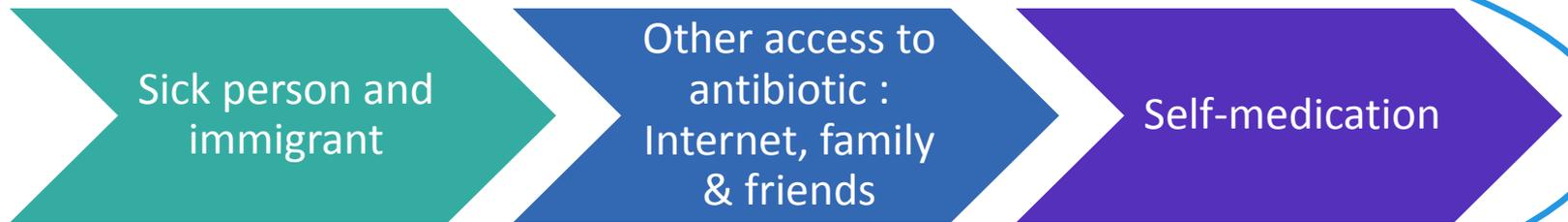


Antibiotic use: a process in context

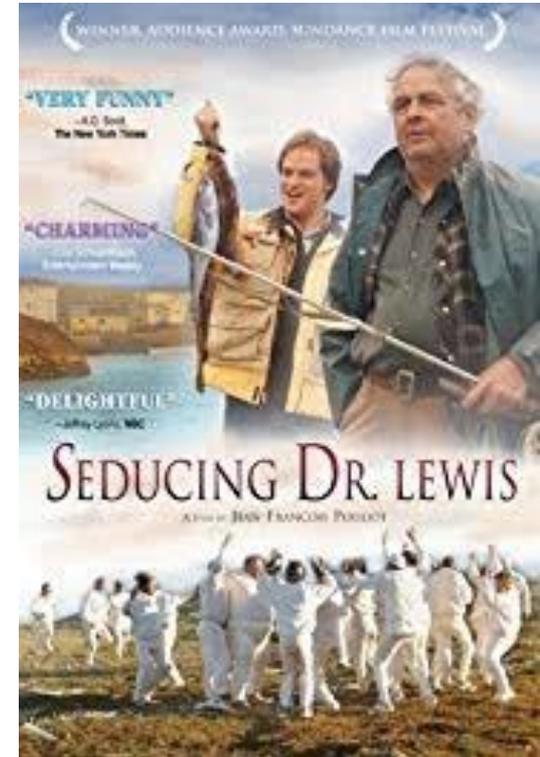
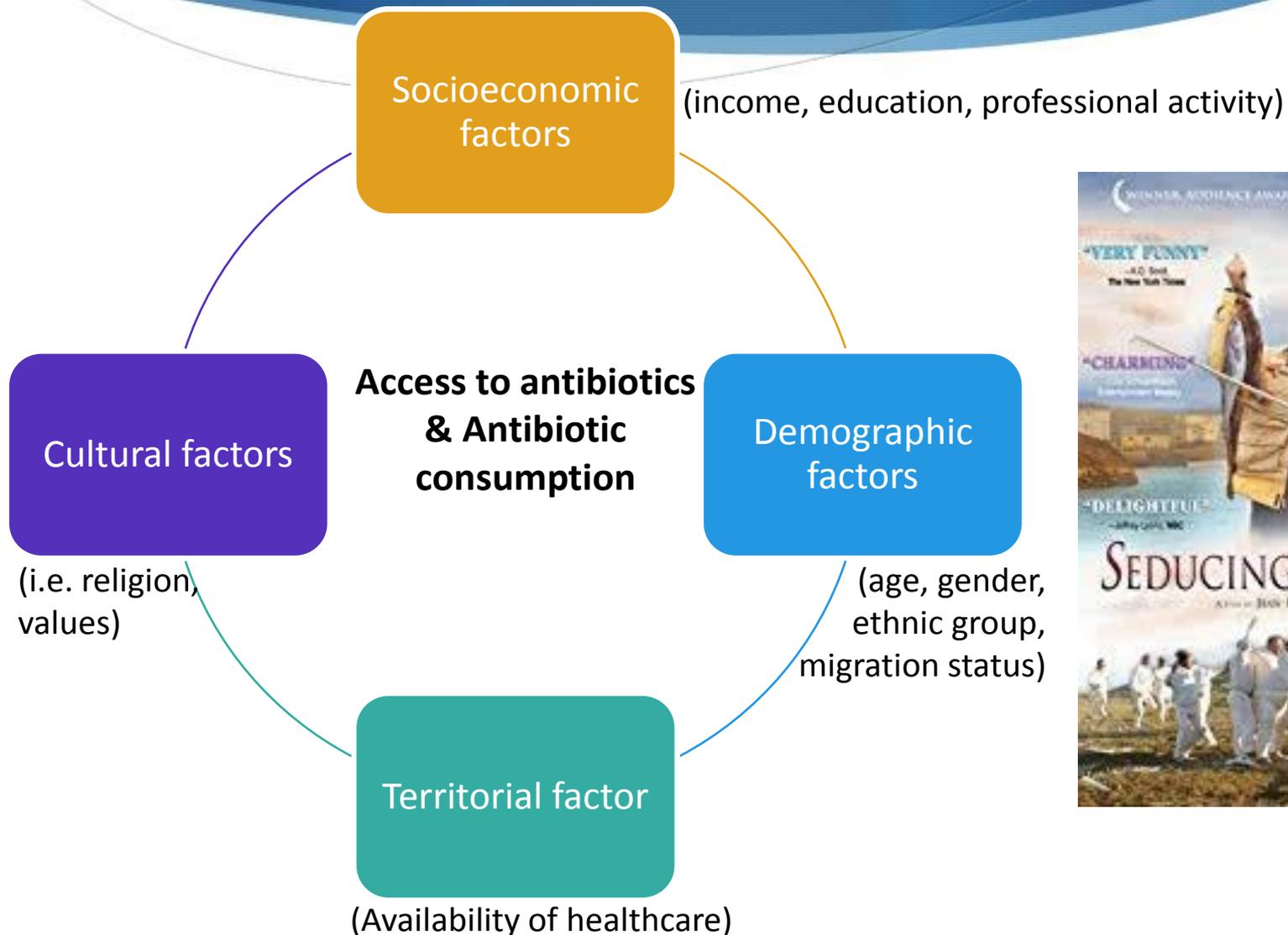


Example:

No access to healthcare system & HCWs

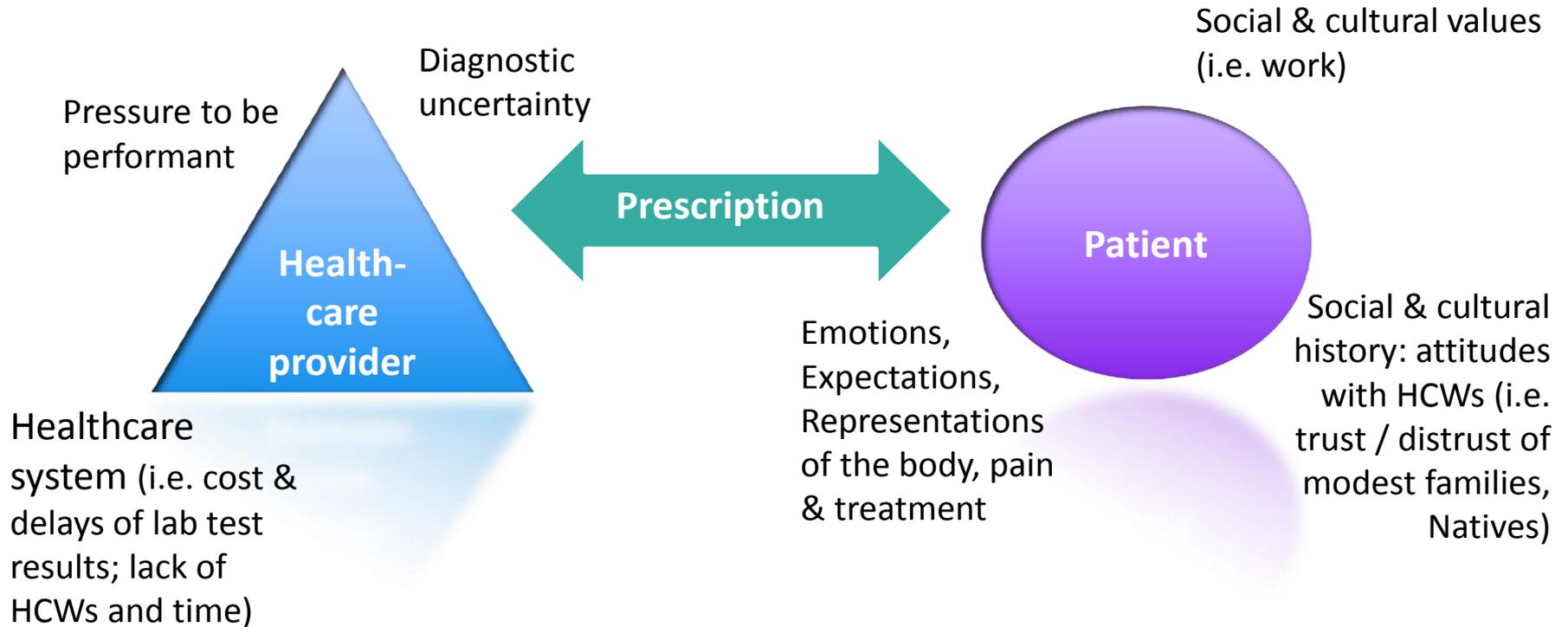


Antibiotic use & Health Inequalities



Patient-HCW relationship at stake

Instructions given according to time availability, cultural origin and social class of the patient



Moving forward in Canada

- ◆ Develop **more social and cultural studies** on antibiotic use behaviours taking into account the diversity of the Canadian population
- ◆ Develop a **comprehensive approach** taking into account
 - ◆ The **complexity** of health behaviours
 - ◆ The global and local **context** of antibiotic use
 - ◆ The **barriers** and **needs** of different populations
- ◆ Develop **interventions tailored to the local context in collaboration with local and key stakeholders.**

Thank you!

