

REP2

Governance in prevention and control programmes

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I would like to acknowledge the traditional territories of the people of the Treaty 7 region in Southern Alberta, which includes the Blackfoot Confederacy (comprising the Siksika, Piikani, and Kainai First Nations), as well as the Tsuut'ina First Nation, and the Stoney Nakoda (including the Chiniki, Bearspaw, and Wesley First Nations). The City of Calgary is also home to Métis Nation of Alberta, Region 3.



Deliverable 1: Scoping review

- Scoping review of barriers and enablers to the implementation and governance of interventions to prevent or control IDs and AMR
- Initial findings:
 - Facilitators
 - Political and legislative commitment and cooperation
 - Use of existing structures
 - Civil society implication, interest of prominent institutions and donors
 - Barriers
 - National and sectoral interests
 - Compliance with existing regulations
 - Lack of coordination

Deliverable 2: Identify frameworks for governance evaluation

- Exploration of alternative models of evaluating governance
- Cost-effectiveness
 - Cost per QALY
- Equity measures
 - Who is affected? Which measures of equity are relevant?
- Adoption rates
 - If a policy is developed, is it actually implemented? Is it implemented elsewhere?
- Sustainability
 - Does a policy create on-going budgetary demands?
- Resource requirements for implementers
 - Is buy-in hard to get?

Deferred Case studies: Alberta and Québec

- Challenges created by COVID-19 have put these projects on ice.

Alternative project: Antibiotic Use and Resistance

- What is the contribution of use of antibiotics in humans and animals separately to measured resistance?
- With UCalgary Econ PhD student Sakib Rahman.
- Data sources: IQVIA Midas, ECDC, EFSA, ESVAC, Resistance Map (CDDEP)
- Data qualities: annual 2008-2018, national (37 countries), about 11 classes of antibiotics, 26 combinations of bug-drug resistance. Unbalanced panel.
- Combined analysis allows for assessment of ecological impact of use on resistance

THANK YOU

