

The Impact of Marginalization on ActionADE Reported Serious Adverse Drug Events

- **Objective:** Determine the association between measures of neighbourhood-level deprivation and marginalization and the severity of reported ADEs
- **Study design:** Retrospective Chart Review
- Linking Patient and Population Data11111
 - Data from ActionADE/hospital records with population-level marginalization data from the 2021 census.

Settings and Participants

- **Hospitals**

- Six hospitals: VGH, UBC, SPH, MSJ, LGH, and RH

- **Inclusion Criteria**

- 18 years and older
- April 1, 2020, to December 31, 2024

- **Exclusion**

- Duplicates or clinician-refuted reports

Data collection and sources

- **ActionADE**

- 4560 cases reported in ActionADE
- 340 ADEs life-threatening, and 4220 are other types

- **Chart review**

- Postal code, living conditions, comorbidities, creatinine, eGFR

- **Neighbourhood marginalization index**

- Canadian Index of Multiple Deprivation 2021
 - Residential instability, Ethnocultural composition, Economic dependency, and Situational vulnerability.



2040 m

10/29/25

4

Exposure, outcome variable and covariates

