Appendix I: Opioid Use Disorder (OUD) Definition

OUD definition used in study

At least 1 of the following criteria occurring within three years before the last 90 days of life

- 1. ≥1 OUD-related emergency department visits;
 - a. NACRS: ≥1 REGDATEs for a visit that included OUD: NACRS_DXCODE1-6
 - "F11.0-F11.9"; (include schedule visits, transfers to/from and not seen)
- 2. \geq 1 OUD-related hospitalization;

a. DAD or OMHRS: ≥1 ADMDATE for a visit related to OUD _DX10CODE1-25 "F11.0-F11.9" (include suspected dx)

3. or an OAT prescription (NMS_DIN) with a three-year lookback (all DINs from ODPRN Master Drug List (15Jan21) where OMT='Y')

Legend

DAD: Discharge Abstract Database NACRS: National Ambulatory Care Reporting System OHIP: Ontario Health Insurance Plan OHMRS: Ontario Mental Health Reporting System

Reference

Gomes T, Kolla G, McCormack D, et al. Clinical outcomes and health care costs among people entering a safer opioid supply program in Ontario. CMAJ 2022. doi:10.1503/cmaj.220892.

Sensitivity analysis of OUD definition

Study definition:

≥1 OUD-related emergency department visits, ≥1 OUD-related hospitalization or OAT within 3 years

This definition identified 11,200 patients with OUD between July 2015 and December 2021.

Variation #1 of study definition:

≥2 OUD-related emergency department visits, ≥1 OUD-related hospitalization or OAT within 3 years:

This definition identified 8,389 patients with OUD between July 2015 and December 2021.

Variation #2 of study definition:

≥1 OUD-related emergency department visits, ≥1 OUD-related hospitalization or OAT within 5 years:

This definition identified 12,376 patients with OUD between July 2015 and December 2021.

Variation #3 of study definition:

Appendix 1, as submitted by the authors. Appendix to: Lau J, Scott MM, Everett K, et al. Association between opioid use disorder and palliative care: a cohort study using linked health administrative data in Ontario, Canada. *CMAJ* 2024. doi: 10.1503/cmaj.231419. Copyright © 2024 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.

≥2 OUD-related emergency department visits, ≥2 OUD-related hospitalization or OAT within 5 years:

This definition identified 9,246 patients with OUD between July 2015 and December 2021.

Given patients with OUD can sometimes be very disconnected with the healthcare system and may not regularly access formal healthcare services, we used our study definition.