| eTable 1. Definitions of study measures using International Classification of Diseases diagnostic codes. |  |  |   |  |
|--|--|--|---|--|
| Measure  | Ontario Mental Health<br>Reporting System (ICD-<br>9-CM/ICD-10-CM)   | Canadian Institute for<br>Health Information's<br>Discharge Abstract<br>Database/National<br>Ambulatory Care Reporting<br>System (ICD-10-CA)   | Ontario Health<br>Insurance Plan<br>dataset (ICD-8)             |  |
| Eating disorder-related acute care visits  |  |  |   |  |
| Anorexia Nervosa   | 307.1 (anorexia nervosa)   | F50.0 (anorexia nervosa)   | Not applicable  |  |
| Bulimia Nervosa  | 307.51 (bulimia nervosa)   | F50.2 (bulimia nervosa)  | Not applicable  |  |
| Other Eating<br>Disorder   | 307.50 (eating disorder not otherwise specified) 307.52 (pica) 307.53 (rumination disorder) 307.59 (other disorders of eating) | F50.1 (atypical anorexia nervosa) F50.3 (atypical bulimia nervosa) F50.8 (Other eating disorders) F50.9 (Eating disorder, unspecified) F98.2 (Feeding disorder of infancy and childhood) F98.3 (Pica of infancy and childhood) | Not applicable  |  |
| Provisional diagnoses (not categorized)  | 12 (DSM-4 - Eating<br>Disorder)<br>10 (DSM-5 - Feeding and<br>eating disorders)  | Not applicable   | Not applicable  |  |
| Covariates   | , ,  | •  |   |  |
| Recent pre-<br>existing mental<br>health-related<br>concern (2-year<br>look back)                        | For 2017 through March 2019: Any visit except those with a primary diagnosis of 290 or 294.                                    | Any visit with the primary diagnosis of F06-F99 or any visit with X60-X84, Y10-Y19, Y28 as a secondary diagnosis   | 295-298, 300-304, 306, 309, 311, 897-899, 900 902, 904-906, 909 |  |

|   | For April 2019 onwards: Any visit identified except for visits with neurocognitive disorders as the primary diagnosis (F01.50, F01.51, F02.80, F02.81, F05, G31.84, G31.9, R41.0, R41.9).  For all years, we excluded visits with no primary diagnosis and a provisional diagnosis of 17. | when the primary diagnosis was not F06-F99. |  |
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| History of an eating disorder-related visit | This was defined using the same definitions listed above with a 2-year lookback as well as a lookback to 2002.  |   |  |

Abbreviations: ICD-9-CM = International Statistical Classification of Diseases, 9<sup>th</sup> revision, with clinical modifications; ICD-10-CM = International Statistical Classification of Diseases, 10<sup>th</sup> revision, with clinical modifications; ICD-10-CA = International Statistical Classification of Diseases, 10<sup>th</sup> revision, with Canadian enhancements; ICD-8 = International Statistical Classification of Diseases, 8<sup>th</sup> revision; DSM-4 = Diagnostic and Statistical Manual of Mental Disorders, 4<sup>th</sup> edition; DSM-5 = Diagnostic and Statistical Manual of Mental Disorders, 5<sup>th</sup> edition