Supplementary Table 1. Diagnostic codes used to define each diagnostic category

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| **Diagnostic Category** | **Diagnostic codes** |
| Past Mental Health Admission | * Any OMHRS admission OR
* DAD record with a most responsible diagnosis of ICD10: F00-F99
 |
| Past Mental Health ED Visit | * NACRS record with a main problem of ICD10: F00-F99
 |
| Past Mental Health Family Physician Visit | Either of:1. Any OHIP visit to a family physician with a mental health service code (K005, K007, K623) regardless of diagnostic code OR
2. Any OHIP visit to a family physician with the following service codes (A001, A003, A007, A004, A888, A005, A905, A006, A901, A008) AND one of the following mental health diagnostic codes:
* Schizophrenia
* Manic-depressive psychoses, involutional melancholia
* Other paranoid states
* Other psychoses
* Anxiety neurosis, hysteria, neurasthenia, obsessive-compulsive neurosis, reactive, depression,
* Personality disorders,
* Sexual deviations,
* Psychosomatic illness,
* Adjustment reaction,
* Depressive disorder,
* Alcoholism
* Drug dependence
* Economic problems
* Marital difficulties
* Parent-child problems
* Problems with aged parents or in-laws
* Family disruption/divorce
* Education problems
* Social maladjustment
* Occupational problems
* Legal problems
* Other problems of social adjustment
 |
| Psychosis, Schizophrenia | * DSM IV: 295.xx (10, 20, 30, 40, 60, 70, 80, 90), 297.1, 297.3, 298.8, 298.9 OR
* Provisional diagnosis\*: “Schizophrenia, Other Psychotic Disorder”
 |
| Anxiety and Adjustment disorders (ANX) | * DSM IV: 300.xx (00, 01, 02, 21, 22, 23, 29), 300.3, 308.3, 309.0, 309.24, 309.28, 309.3, 309.4, 309.81, 309.9
* Provisional diagnosis\*: “Anxiety Disorder” or “Adjustment Disorder”
 |
| Mood disorders | * DSM IV: 296.0x, 296.2x, 296.3x, 296.4x, 296.5x, 296.6x, 296.7, 296.80, 296.89, 296.90, 300.4, 301.13
* Provisional diagnosis\*: “Mood Disorder”
 |
| Dementia | * DSM IV: 290.x. 294.x
 |
| Other | * DSMIV: All other diagnoses
 |
| Substance abuse disorders | * ICD 10: F55, F10 to F19;
* DSMIV: 291.x (0, 1, 2, 3, 5, 81, 89, 9), 292.0, 292.11, 292.12, 292.81, 292.82, 292.83, 292.84, 292.89, 292.9, 303.xx (00, 90), 304.xx (00, 10, 20, 30, 40, 50, 60, 80, 90), 305.xx (00, 10 to 90 excluding 80);
* Provisional diagnosis\*: “Substance-Related Disorder”
 |
| Personality Disorders | * ICD 10: F60, F61, F62, F68, F69, F21;
* DSMIV: 301.0, 301.20, 301.22, 301.4, 301.50, 301.6, 301.7, 301.81, 301.82, 301.83, 301.9
* Provisional diagnosis\*: “Personality Disorder”
 |
| Intentional Self-Harm | * X60-X84 in any position
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\*Provisional diagnoses were only used if both discharge and admission DSM-IV diagnoses were missing.

Supplementary Table 2. Items used in the calculation of each interRAI rating scale

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| **Risk of Harm to Others** (Range: 0-6) | **Severity of Self-harm** (Range: 0-6) | **Self-Care Index** (Range: 0-6) |
| Presence of delusions | Consideration of self-injurious act | Daily decision making |
| Insight into one’s own mental health | Intent of any self-injurious act was to kill self  | Insight into one’s own mental health |
| Difficulty falling asleep | Depressive Severity Index  | Decreased energy |
| Aggressive behaviour scale | Family/others concerned about person’s risk for self-injury  | Abnormal thought process |
| Sleep problems due to hypomania | Emergency Screener for Psychiatry version of the Positive Symptoms Scale | Expression (for example, making self understood) |
| Indicators of violence: | Cognitive performance scale  |  |
| * + - violence towards others
 | Suicide plan |  |
| * + - Intimidation
 |  |  |
| * + - violent ideation
 |  |  |
| * + - extreme behaviour disturbance
 |  |  |
| * + - police intervention for violent crime
 |  |  |
| **Positive Symptoms Scale** (Range: 0-12) | **Mania Rating Scale** (Range: 0-20) | **Depression Rating Scale** (Range: 0-14) |
| Hallucinations | Inflated self-worth | Made negative statements  |
| Command hallucinations | Hyperarousal | Persistent anger with self or others  |
| Delusions | Irritability | Expressions (including non-verbal) of what appear to be unrealistic fears  |
| Abnormal thought process/form. | Increased socialability/hypersexuality | Repetitive health complaints  |
|  | Pressured speech | Repetitive anxious complaints/concerns (non-health related)  |
|  | Labile effect | Sad, pained, worried facial expression  |
|  | Sleep problems due to hypomania | Crying, tearfulness  |