**Online file 1. Source and use of profiling information**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variables | | Source | | Used in case type development |
|  | | | | |
| Sociodemographic information | | | | |
|  | Age | | Trust electronic record system |  |
|  | Gender | | Trust electronic record system |  |
|  | Ethnicity | | Trust electronic record system |  |
|  | Living situation (alone, with family etc) | | Bespoke paper collection on admission |  |
|  | Housing situation (settled/unsettled) | | Bespoke paper collection on admission |  |
|  | Living conditions (HoNOS rating) | | Trust electronic record system |  |
|  | Employment status | | Trust electronic record system |  |
|  | | | | |
| Diagnosis | | | | |
|  | Broad diagnostic group (Mental health clustering tool) | | Trust electronic record system | x |
|  | Specific information on diagnoses | | Paper gatekeeping form prior to admission and bespoke paper collection on admission | x |
|  | | | | |
| Clinical presentation | | | | |
|  | Depressed mood (HoNOS rating) | | Trust electronic record system | x |
|  | Non accidental self-injury (HoNOS rating) | | Trust electronic record system | x |
|  | Repeat self-harm - historical (Mental Health Clustering Tool rating) | | Trust electronic record system |  |
|  | Hallucinations and delusions (HoNOS rating) | | Trust electronic record system | x |
|  | Overactive, aggressive, disruptive or agitated behaviour (HoNOS rating) | | Trust electronic record system | x |
|  | Agitated behaviour / expansive mood - historical (Mental Health Clustering Tool rating ) | | Trust electronic record system |  |
|  | Problem drinking or drug taking (HoNOS rating) | | Trust electronic record system | x |
|  | Other mental/behavioural problems (HoNOS rating) | | Trust electronic record system | x |
|  | Cognition (HoNOS rating) | | Trust electronic record system | x |
|  | Activities of daily living (HoNOS rating) | | Trust electronic record system |  |
|  | Self-neglect | | Bespoke paper collection on admission | x |
|  | Occupation and activities (HoNOS rating) | | Trust electronic record system |  |
|  | Relationships (HoNOS rating) | | Trust electronic record system | x |
|  | Physical illness or disability (HoNOS rating) | | Trust electronic record system |  |
|  | Physical health (ICD-10 codes) | | Trust electronic record system |  |
|  | Safeguarding – historical (Mental Health Clustering Tool rating) | | Trust electronic record system | x |
|  | Vulnerability - historical (Mental Health Clustering Tool rating) | | Trust electronic record system | x |
|  | | | | |
| Past service receipt / engagement | | | | |
|  | Date of first known contact with Trust | | Trust electronic record system |  |
|  | Date of last discharge from inpatient care | | Trust electronic record system |  |
|  | Number of inpatient admissions in past year | | Trust electronic record system |  |
|  | Number of inpatient admissions in past 2 years | | Trust electronic record system |  |
|  | Any period as formal inpatient | | Trust electronic record system |  |
|  | No. of contacts with psychiatrist in past month | | Trust electronic record system |  |
|  | No. of contacts with psychiatrist in past year | | Trust electronic record system |  |
|  | No. of contacts with other community mental health services in past month | | Trust electronic record system |  |
|  | No. of contacts with other community mental health services in past year | | Trust electronic record system |  |
|  | Engagement - historical (Mental Health Clustering Tool rating) | | Trust electronic record system |  |
|  | Cooperation with medication | | Bespoke paper collection on admission |  |
|  | Cooperation with keeping appointments | | Bespoke paper collection on admission |  |
|  | | | | |
| Current inpatient admission | | | | |
|  | Source of referral | | Trust electronic record system |  |
|  | Time and day of week admitted | | Trust electronic record system |  |
|  | Formal or informal admission | | Trust electronic record system |  |
|  | Reason for admission (community staff view) | | Paper gatekeeping form prior to admission | x |
|  | Reason for admission (inpatient staff view) | | Bespoke paper collection on admission | x |