Whole System Integrated Care

Mental Health Dashboard

Priya Ramanah, Innovation Advisor
Imperial College Health Partners
• Academic Health Science Network (AHSN)

• Support innovations to help solve pressing challenges by collaborating across the health sector

• Work with Whole Systems Integrated Care (WSIC) – MH Dashboard

• Partnership organisation bringing together NHS providers of healthcare services, clinical commissioning groups and leading universities across North West London
Key enabler to North West London’s Sustainability and Transformation Plans (STPs)

Key facts
- Over 2 Million People
- Over £4bn Annual Health & Care Spend
- 8 Local Boroughs
- 8 CCGs & Local Authorities
- Over 372 GP Practices
- 10 Acute & Specialist Hospitals
- 2 Mental Health Trusts
- 2 Community Health Trusts
Mental Health Dashboard

A dashboard that links primary, secondary and social care data to produce an integrated care record for patients with SMI.

The electronic record can then be reviewed by a range of health and social care providers and will provide them with a joined-up care history of each patient.
Key benefits

• Helps to identify and support patients for targeted care with **watch lists** which update automatically in response to new information from multiple care settings.

• Provides **visibility and access to patient activity across all care settings, regardless of source clinical system**, without requiring manual data collection.

• **Reduces reliance on hard - copies of notes**, manual data access and tracking, aiding continuity of information between MDT members.

• **Facilitates discussion and coordination between care professionals** from different settings by providing a shared patient narrative accessible from any location with N3 access.
What has happened so far

We built an integrated care dashboard for patient with Serious Mental Illness in NWL

Co-design with CNWL, WLMHT, GPs across NWL

GO LIVE in May 2018

Currently delivering training

Potential to use for further purposes: Population Health, Active identification of high risk patients in the community and prevention of deterioration
Whole Systems Integrated Care (WSIC) Dashboards

Combining data from primary care, secondary care, community, mental health, and social care to help you view care received by your patients across North West London.

Welcome to the landing page of the Whole Systems Integrated Care (WSIC) Dashboards.

How to use:
- Search for a patient and then select a patient summary view using the buttons below; or
- Choose a tool using the buttons below.

The Whole Systems Integrated Care Dashboards Include tools for the following:
- Patient Selection and Case Finding;
- Management of patients with long term conditions; and
- Administration.

Feedback or queries? Please email the NWL Programme Team at NWLCCGs.WSIC.Dashboards@nhs.net

Click here to access training materials and user guides.

NHS Number (spaces optional)

You are authorised to view patients from the NWL GP practices below.
Map - colour represents weeks since latest GP data

Registered patients: 10,251

Choose from:
- Patient Selection
- Long Term Condition Management
- Population Health
- Administration

And:
- Population Health Overview
- AF & Stroke Prevention
- Diabetes
- Mental Health
- Mental Health - Population
- Mental Health - Clinical
- Mental Health - Lifestyle Change
- Mental Health GP Payment Criteria

The WSIC Dashboards Programme Team may be contacted at NWLCCGs.WSIC.Dashboards@nhs.net
## Mental Health Dashboards

For more detailed analysis click on the arrow in each quadrant.

### Population

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Population</td>
<td>2,076,803</td>
</tr>
<tr>
<td>Number of Mental Health Patients*</td>
<td>29,495</td>
</tr>
<tr>
<td>Mental Health Prevalence</td>
<td>1.4%</td>
</tr>
<tr>
<td>Number of Mental Health Patients with Atrial Fibrillation</td>
<td>465</td>
</tr>
<tr>
<td>Number of Mental Health Patients with Diabetes</td>
<td>4,002</td>
</tr>
</tbody>
</table>

### Clinical

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Mental Health Patients* Prescribed Anti-Psychotics or Lithium</td>
<td>12,309</td>
</tr>
<tr>
<td>Number of Mental Health Patients* Prescribed Anti-Psychotics</td>
<td>12,261</td>
</tr>
<tr>
<td>Number of Patients Prescribed Depot</td>
<td>558</td>
</tr>
<tr>
<td>Number of Patients Prescribed Oral</td>
<td>564</td>
</tr>
<tr>
<td>Number of Patients Prescribed Olanzapine</td>
<td>138</td>
</tr>
<tr>
<td>Number of Mental Health Patients* Prescribed Lithium</td>
<td>194</td>
</tr>
</tbody>
</table>

### Finance

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS Payment Criteria</td>
<td></td>
</tr>
<tr>
<td>Number of Mental Health Patients* who have 13 MDS criteria (MH1-MH13) met and Annual Review (MH14) completed</td>
<td>18</td>
</tr>
<tr>
<td>% of Mental Health Patients* who have 13 MDS criteria (MH1-MH13) met and Annual Review (MH14) completed</td>
<td>0.06%</td>
</tr>
</tbody>
</table>

### Lifestyle Change

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Mental Health Patients* who Smoke</td>
<td>10,856</td>
</tr>
<tr>
<td>Number of Mental Health Patients* with Hypertension</td>
<td>5,863</td>
</tr>
<tr>
<td>Number of Mental Health Patients* who have had Interventions in the last 12 months</td>
<td></td>
</tr>
<tr>
<td>Weight Intervention in the last 12 months</td>
<td>489</td>
</tr>
<tr>
<td>Hypertension Intervention in the last 12 months</td>
<td></td>
</tr>
<tr>
<td>Smoking Intervention in the last 12 months</td>
<td></td>
</tr>
<tr>
<td>Alcohol Interventions in the last 12 months</td>
<td></td>
</tr>
<tr>
<td>Substance Misuse Intervention in the last 12 months</td>
<td>8</td>
</tr>
</tbody>
</table>

### Patient Chart

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Patient Data</td>
<td></td>
</tr>
</tbody>
</table>
## Mental Health Clinical Patient Data

### Number of Physical Health checks completed in last 12 months

<table>
<thead>
<tr>
<th>Number of MH patients</th>
<th>BMI</th>
<th>ECG</th>
<th>Lipids</th>
<th>HbA1C</th>
<th>FBC</th>
<th>Liver Function</th>
<th>Progesterin</th>
<th>Renal</th>
<th>Thyroid</th>
<th>Lithium</th>
</tr>
</thead>
<tbody>
<tr>
<td>OOH Patients</td>
<td>32,330</td>
<td>13,311</td>
<td>3,317</td>
<td>10,574</td>
<td>10,590</td>
<td>11,730</td>
<td>9,305</td>
<td>1,940</td>
<td>89</td>
<td>8,234</td>
</tr>
</tbody>
</table>

### Mental Health Patients: Medication Prescribed

- **Anti-Psychotics** or Lithium:
  - Yes: 41% (13,311)
  - No: 59% (10,027)

- **Oral Anti-Psychotics**:
  - Yes: 41% (13,311)
  - No: 59% (10,027)

- **Depot Anti-Psychotics**:
  - Yes: 59% (10,027)
  - No: 40% (10,175)

- **Clonazapine**:
  - Yes: 60% (10,590)
  - No: 40% (10,175)

- **Lithium**:
  - Yes: 60% (10,590)
  - No: 40% (10,175)

### BMI Scores

- No data: 22% (7,773)
- Normal: 24% (7,773)
- Overweight: 24% (7,773)
- Obese: 20% (5,645)
- Morbid: 4% (1,175)

### QRisk Scores

- No value: 53% (17,209)
- <5: 39% (10,843)
- 5 to <10: 9% (2,666)
- 10 to <20: 7% (2,355)
- 20+: 3% (843)

### Total Cholesterol

- No data: 37% (11,935)
- <5: 32% (3,244)
- 5 to <10: 31% (3,111)
- 10 to <20: 4% (322)
- 20+: 5% (555)

### HbA1C

- No data: 51% (15,584)
- <6: 31% (9,172)
- 6 to <8: 9% (2,666)
- 8 to <10: 4% (1,175)
- 10+: 4% (1,175)

### Lithium Levels

- No data: 10% (3,244)
- <4: 4% (322)
- 4 to <6: 5% (1,555)
- 6 to <8: 7% (2,355)
- 8+: 5% (555)
### Mental Health Lifestyle Patient Data

Impact of lifestyle choice and change on the care of Mental Health patients

Use the filters below or click on a chart to update the others accordingly.

<table>
<thead>
<tr>
<th>OOH Patients</th>
<th>Number of Physical Health checks completed in last 12 months</th>
<th>Number of Interventions in last 12 months (some data is only available after April 2018)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of MH patients</td>
<td>Blood Pressure</td>
<td>BMI</td>
</tr>
<tr>
<td>32,330</td>
<td>13,311</td>
<td>10,590</td>
</tr>
</tbody>
</table>

**BMI Scores**

- Normal: 16-18.4
- Overweight: 18.5-24.9
- Obese: 25-29.9
- Morbidly Obese: 30+)

**Total Cholesterol**

- <5: 170 mg/dL
- 5-8: 171-200 mg/dL
- 8+: >201 mg/dL

**HbA1C**

- No data
- <3: 4-5%
- 3+: >5%

**Alcohol Level (Units/Wk)**

- No data
- <14: 0-7 units
- 14-35: 8+ units

### Mental Health Patients: Interventions Actioned

- Smoking: 100%
- Alcohol: 100%
- Substance Misuse: 0%

### Mental Health Patients: Assessments Completed

- Employment: 40%
- Finance Status: 45%
- Accommodation: 43%
- Career Status: 57%
BT results figures will appear instead of red or green circles
## Mental Health Radar

### Data shown for CCH patients (All CCH Patients)

#### For Period: April 2018 to March 2019

<table>
<thead>
<tr>
<th>NHS Number</th>
<th>Name</th>
<th>Age</th>
<th>MPS Met</th>
<th>Physical</th>
<th>Social</th>
<th>Care Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BP</td>
<td>Pulse Rhythm</td>
<td>Cholesterol/level (mg/dL)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **BP**: Blood Pressure
- **Pulse Rhythm**: Heart Rate
- **Cholesterol/level (mg/dL)**: Serum Cholesterol
- **Smoking status**: Active Smoker
- **Alcohol intake**: Regular Intake
- **Substance misuse**: Previous Use
- **Employment**: Current Employment
- **Finance**: Financial Stability
- **Accommodation**: Living Arrangements
- **Type of Care / No. carer**: Type of Support
- **SAEWAB (11)**: Subjective Appraisal of Well-being
- **SBMPAQ**: Social and Mental Well-being
- **Annual Mental Health Review or Complete**: Regular Assessment
- **Follow-up visitation**: Scheduled Visit
Resources and Support Available for staff

Documents available

- User Guide – This will be updated with more details by end Oct
- https://www.healthiernorthwestlondon.nhs.uk/news-resources/information-sharing

How to get help

1. If you are having problems logging on, please email the NWL Service Desk via email nwlccg.servicedesk@nhs.net, or call 020 3350 4050.
Questions

Training:
Priya.Ramanah@imperialcollegehealthpartners.com

Feedback:
karin.schachinger@nhs.net

WSIC dashboards:
nwlccgs.wsic.dashboards@nhs.net
Thank you

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