

THE WHOLE SYSTEM INTEGRATED CARE DASHBOARD FOR MENTAL HEALTH

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North West London Collaboration of
Clinical Commissioning Groups



The Challenge: Communication

GPs:

Worry about discharges of complex patients.

Communication of medications and care plans from 2nd care.



The Trusts:

CQUIN targets: physical health and primary care interaction.

Communication of physical health data from GPs.



The Patients:

Duplication of:

Health checks
Care Plans
Blood Tests

....

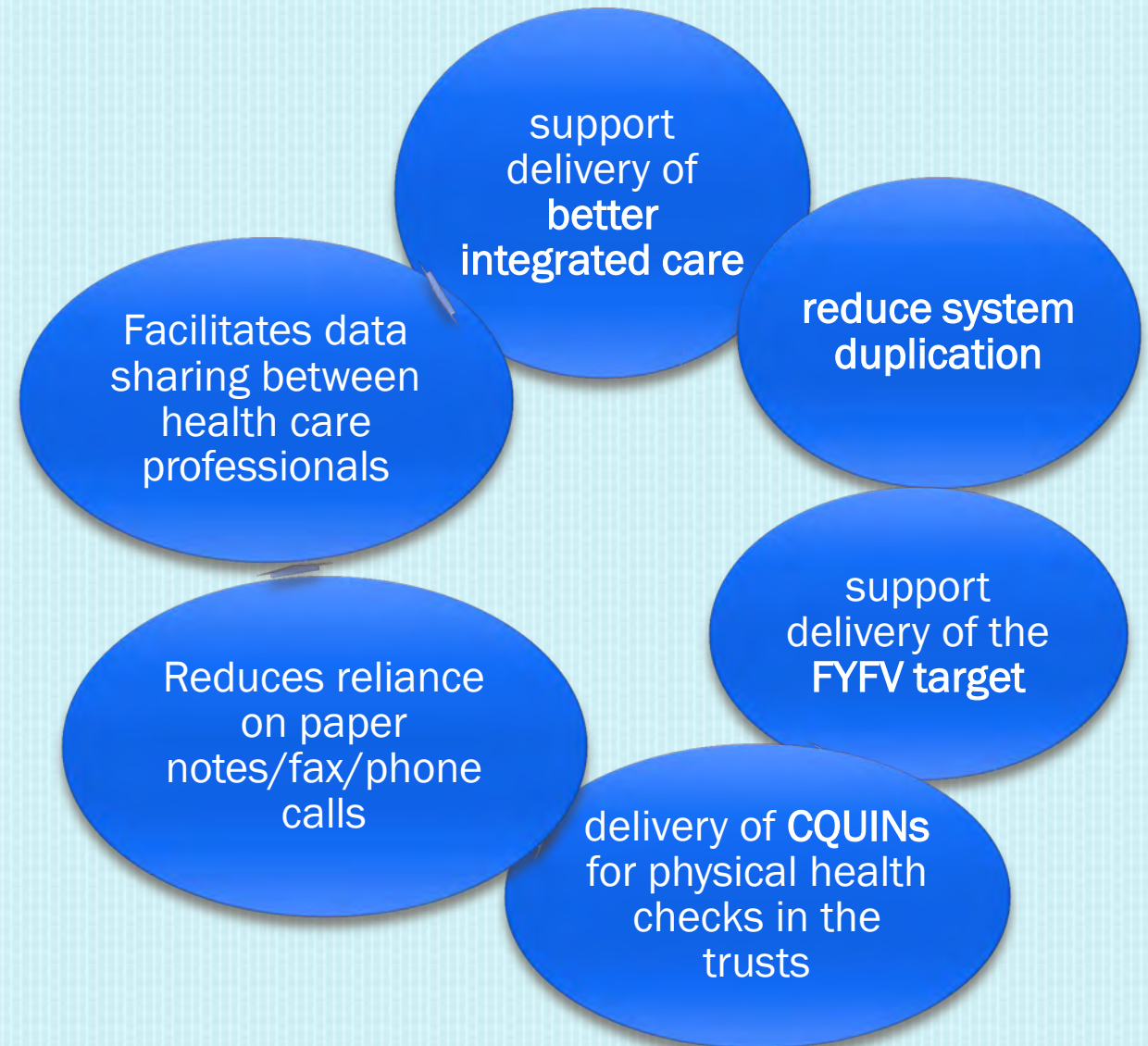


The Purpose

WHAT IS THE WSIC DASHBOARD??

A tableau based dashboard linking in primary, secondary and social care data to produce an **integrated care record** for patients .

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.



Who is developing the WSIC Dashboards?

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
 - 360 GP Practices
 - 10 Acute & Specialist Hospitals
 - 2 Mental Health Trusts
 - 4 Community Health Trusts

CCGs

- | | |
|--|---|
| NHS
Central London
Clinical Commissioning Group | NHS
West London
Clinical Commissioning Group |
| NHS
Hammersmith and Fulham
Clinical Commissioning Group | NHS
Hounslow
Clinical Commissioning Group |
| NHS
Ealing
Clinical Commissioning Group | NHS
Brent
Clinical Commissioning Group |
| NHS
Harrow
Clinical Commissioning Group | NHS
Hillingdon
Clinical Commissioning Group |

Out Of Area

17 Out Of Area providers are used by our North West London Patients

Acute

- The Hillingdon Hospitals NHS Foundation Trust
- Chelsea and Westminster Hospital NHS Trust
- London North West Healthcare NHS Trust
- Imperial College Healthcare NHS Trust

Community

- Central London Community Healthcare NHS Trust
- Hounslow and Richmond Community Healthcare NHS Trust
- Central and North West London NHS Foundation Trust
- London North West Healthcare NHS Trust

Mental Health

- Central and North West London NHS Foundation Trust
- West London NHS Trust

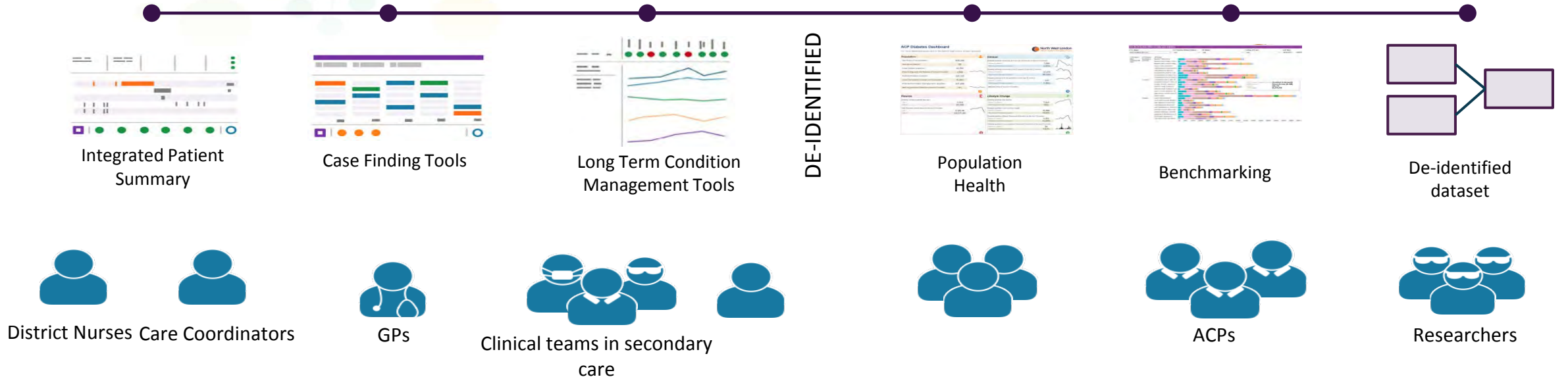
GPs



Social Care



Whole Systems Integrated Care (WSIC) solution



How did the WSIC journey start?

- Started approximately 5 years ago
- NWL was chosen for the Integrated Care Pilot (ICP)
- To use integrated care data to understand the population, to find innovative ways of working together to better support the needs of the population
- Years of work setting up Governance to allow information sharing between providers
 - NWL Information Governance Group established
 - Information Sharing Agreement (ISA) created
 - Data Controllers signing up to the ISA
- Dashboards were developed to support the work that developed into Whole Systems Integrated Care (WSIC)
- Clinical Advisory Group (CAG) set up to lead the direction of the development of the dashboards

JOURNEY OF THE MENTAL HEALTH DASHBOARD

- 04/2017 Idea: Need for information sharing between primary and secondary care MH
- 06/2017 Established a working group of clinicians from GP, CNWL, WLHT
- 08/2017 Agreed on parameters and data needed to feed into dashboard
- 09/2017 Coding via analyst from ICHP in co-work with Concentra (Tableau)
- 12/2017 Design of WSIC Dashboard – Clinical lead (myself) and Concentra
- 03/2018 First version of WSIC Mental Health Dashboard out for piloting
- 05/2018 WSIC MH Dashboard Version 1 gone live

**How does the WSIC Mental Health
dashboard look like?**



Mental Health Clinical Patient Data



Clinical Mental Health patient data

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

CCG Name

Practice Name

(All)

THE LONSDALE MEDI...

*Anti-Psychotics include (Depot, Clozapine or Oral) for the purposes of this analysis.

SMI Population	Patients Tested Last 12 months									Last Quarter
Population	BMI	ECG	Lipids	HbA1C	Full Blood Cnt	Liver Function	Prolactin	Renal	Thyroid	Lithium
222	75	24	96	92	102	80	47		88	1

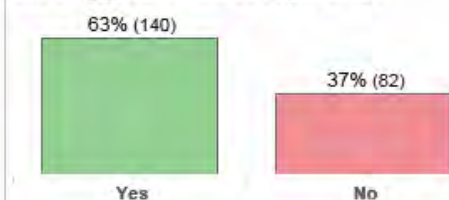


SMI Patients: Medication Prescribed

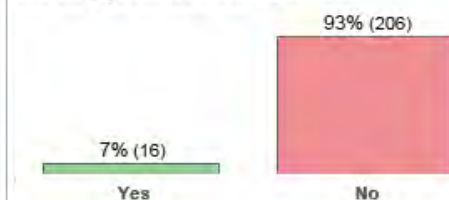
Are they prescribed medication (Anti-Psychotics* or Lithium)?



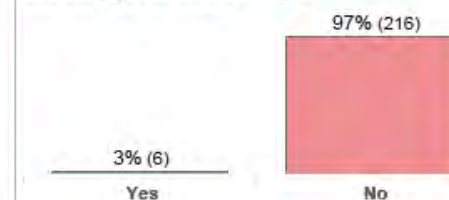
Are they prescribed Anti-Psychotics*?



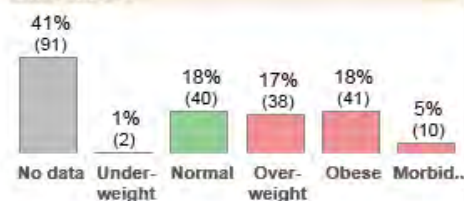
Are they prescribed Lithium?



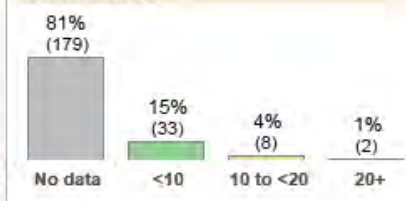
Are they prescribed Clozapine?



BMI Scores



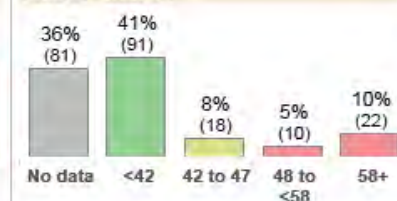
QRisk Scores



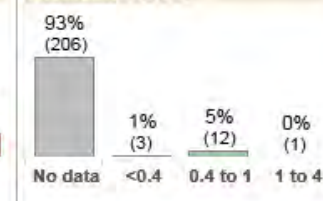
Total Cholesterol



HbA1C Scores



Lithium Levels



Patient List

BMI test last 12m	ECG test last 12m	Lipids test last 12m	HbA1C test last 12m	Full Blood Cnt test I..	Liver Function test I.	Prolactin test last 1..	Renal test last 12m	Thyroid test last 12m
(All)	(All)	(All)	(All)	(All)	(All)	(All)	(All)	(All)

Patient Name	NHS Number	Age	Gender	BMI Score	Blood Pressure (Systolic/Diastolic)	Total Cholesterol	HbA1c	Smoker (Yes/No)	Alcohol (units/week)	Substance Misuse
		52	Female	21.1	142 / 88	5.6	32	No		No
		48	Male		125 / 85	5.9	63	No		No
		51	Female		139 / 86			No		No
		30	Male	20.5	98 / 57			No		No
		30	Male					No		No
		53	Female	23.9	117 / 85	5.2	39	No	10	No





Mental Health Population Overview



Mental Health Populations across CCGs and Practices

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

CCG Name

(All)

Practice Name

THE LONSDALE MEDI...

Total Population

9,962

SMI Population

222

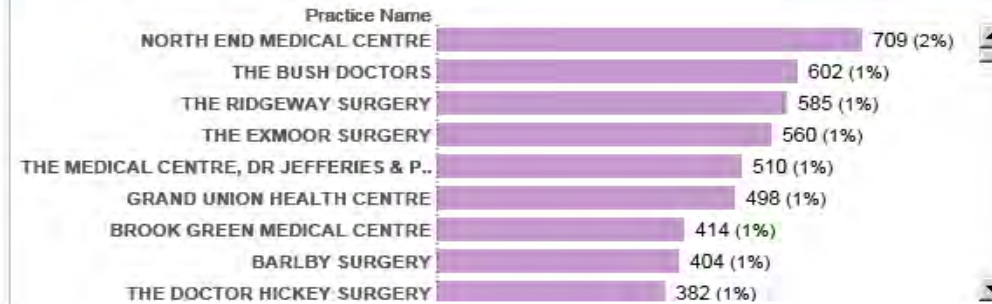
SMI Prevalence

2.23%

SMI by CCG

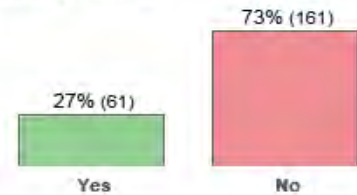


SMI by GP Practice

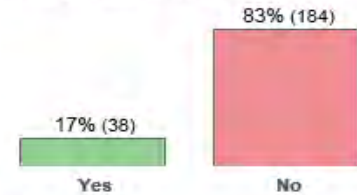


SMI Patients

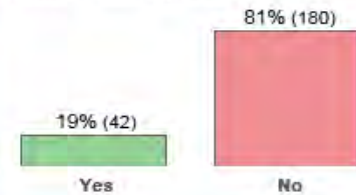
Do they Smoke?



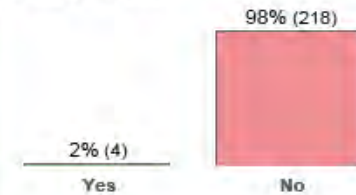
Do they have Diabetes?



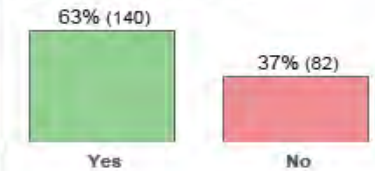
Do they have Hypertension?



Do they have AF?



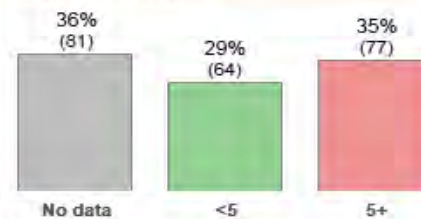
Are they prescribed medication (Anti-Psychotics* or Lithium)?



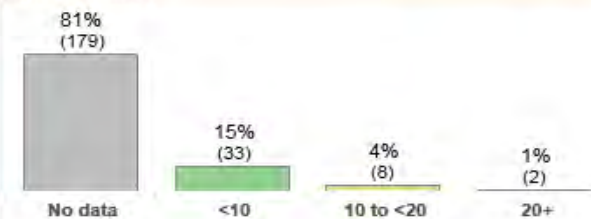
BMI Scores



Total Cholesterol



QRisk Scores



Care Professionals View | Activity timeline

Track this patient's activity across all care settings for the chosen time period

Financial values represent commissioner costs and include estimates or averages where payments are not linked to specific patients



Use the drop down menu below to choose your time period and hover over a bar to see more information...

View time period: Last 2 years
View costs: Yes

Latest available data ranges from 30/11/2017 to 31/01/2018. Hover over the "i" button below for more detail.

60, female
Long term condition(s):
CKD Diabetes Hypertension

Key outcomes
Days not in hospital: 691 / 730
Total spend: £18,056
eFI: 0.22 (Moderate Frailty)

- Has Care Plan ●
- Care Plan up to date ●
- Community Care User ●
- Mental Health User ●
- Social Care User ●



Care Type
Emergency support (orange square) Planned acute hospital care (purple square) Planned care outside acute hospital (grey square) Potential warning signs (red square)



Care Professionals View | Prescriptions

See this patient's prescribed medications in primary care settings



Use the drop down menu below to toggle between all drugs previously prescribed and just the current prescriptions...

Issued in last 3 months

Sort by

(All)

Last issue date

Primary care data loaded up to 02/01/2018.
Hover over the "i" button below for more detail.

60, female

Long term condition(s):

CKD Diabetes Hypertension

Number of drugs currently prescribed: 16

Drug Name	Supply	Issue Type	Last Issue Date	Issued in last 3 months
Furosemide 40mg tablets	168	Repeat	18/12/2017	✓
Amlodipine 5mg tablets	28	Repeat	15/12/2017	✓
Anusol cream (Church & Dwight UK Ltd)	43	Acute	15/12/2017	✓
Cinacalcet 30mg tablets	0.1	Repeat	15/12/2017	✓
Doxazosin 4mg tablets	112	Repeat	15/12/2017	✓
Epoetin beta 10,000units/0.6ml solution for injection pre-filled syringes	0.1	Repeat	15/12/2017	✓
Estradiol 10microgram pessaries	24	Repeat	15/12/2017	✓
Irbesartan 150mg tablets	56	Repeat	15/12/2017	✓
Lactulose 3.1-3.7g/5ml oral solution	500	Acute	15/12/2017	✓
Lantus 100units/ml solution for injection 3ml pre-filled SoloStar pen (Sanofi)	5	Repeat	15/12/2017	✓
Linagliptin 5mg tablets	28	Repeat	15/12/2017	✓



Dx



WHAT IS THE FUTURE OF THE WSIC MH DASHBOARD?

- × Population Health approach
- × Active identification of high risk patients in the community
- × Supporting integrated care developments with joined up approach
- × Prevention of Deterioration
- × Further dashboards: DM, Asthma, Stroke, Frailty – 1 login



North West London Collaboration of
Clinical Commissioning Groups



IMPERIAL COLLEGE
HEALTH PARTNERS

70
YEARS
OF THE NHS
1948 - 2018

ANY OTHER QUESTIONS?

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