

digitalhealth

**REWired**  
BIRMINGHAM 12-13 MARCH 2024

Headline Sponsors:

**Graphnet**  
Transforming Care

**System**  
Connecting Care

**tpp**

# Rose Marie Granaghan Hirah Ahmed

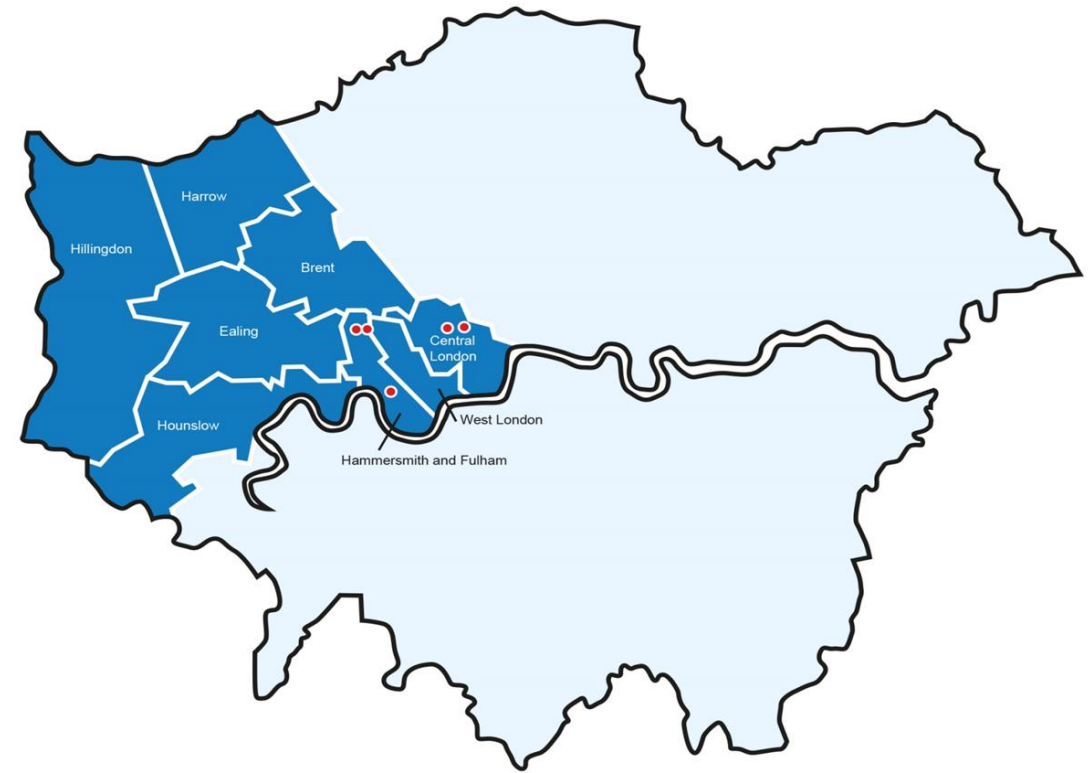
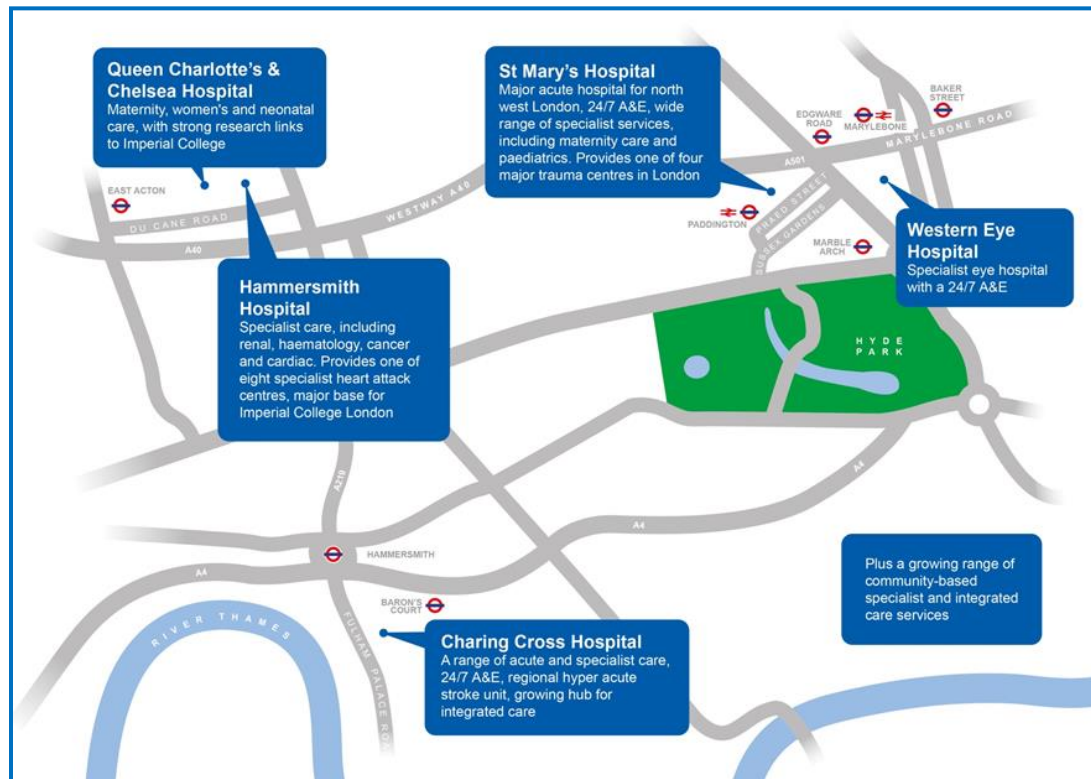
Digital Clinical Practice Educator,  
Imperial College Healthcare NHS  
Trust



**BEST PRACTICE  
SHOWCASE  
STAGE**

# Using data to drive adoption of digital workflows and improvements in digital literacy

# Imperial College Healthcare NHS Trust, London, UK



# Our strategy

## Our vision

**Better health, for life**

## Our values



Kind



Collaborative



Expert



Aspirational

## Strategic goals



To help create a **high quality integrated care** system with the population of north west London



To develop a **sustainable** portfolio of **outstanding services**



To build **learning, improvement and innovation** into everything we do

## Our people



**15,213**

Trust total



**4,325**

Nursing and  
midwifery (qualified)



**572**

Nurses in education,  
pre-registration

# Problem Statement

4325 Nursing and Midwifery staff.

Small resource of 3 Digital Clinical Practice Educators (DCPE)

- In post since June/July 2022

Paper-Free Trust: A greater awareness of the gaps in our clinical records

Mandatory training led by ICT. Prior to implementation there was minimal clinical ownership of digital training.

Nurses often learn by doing.

# Impact of DCPEs: The benefits of learners understanding the 'why'

---



## Role of cohorted education

- The 'How'
- Cohort size
- Repeated education

## Role of at the elbow support

- The 'Why'
- Clinical senior peer support
- Specific patient journeys

# Delivering effective education on a limited resource

**Data driven:** Compliance reports at Trust, Site, ward and user level, accessible by all users

**Key Performance Indicators and workflows:** Positive Patient Identification

## Positive Patient Identification App

Details

Site

☐ CXH
 ☐ HH
 ☐ QCH
 ☐ CMU

Year

☐ 2023
 ☒ 2024

Month

Apr-23

May-23

Jun-23

Jul-23

Aug-23

Sep-23

Oct-23

Nov-23

Dec-23

Jan-24

RAG settings:

10% or less - Red

Ward level details

Ward	Patient Scan	Total Patient	% Patient Scan	Medica... Scan	Total Med	% Med Scan
Totals	7539	10087	74.7%	4906	5067	96.8%
Ward	7539	10087	74.7%	4906	5067	96.8%

Nurse level details

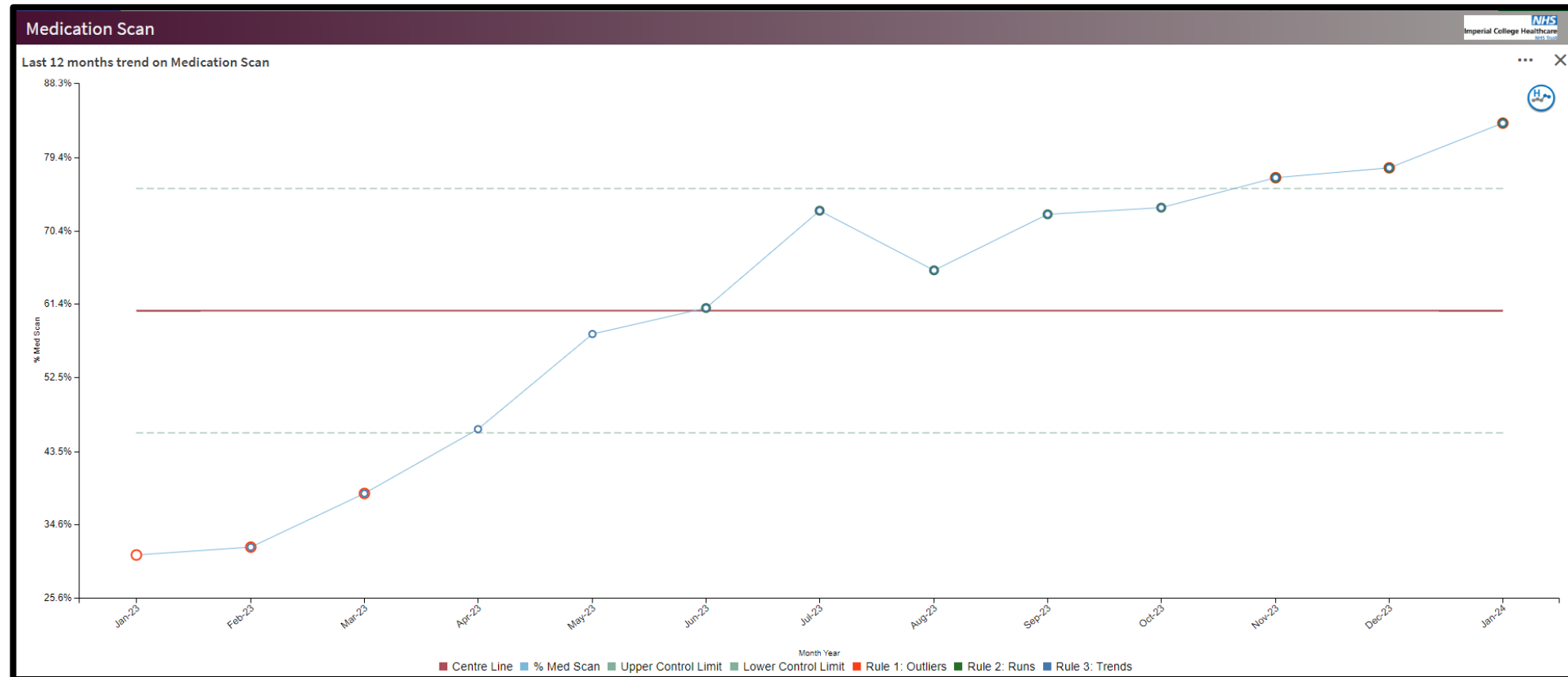
ADMINISTERED PERSONNEL	Patient Scan	Total Patient	% Patient Scan	Medication Scan	TotalMed	% Med Scan
Totals	7539	10087	74.7%	4906	5067	96.8%
	65	65	100.0%	51	34	150.0%
	107	108	99.1%	78	49	159.2%
	435	441	98.6%	327	203	161.1%
	1013	1077	94.1%	641	609	105.3%
	104	112	92.9%	60	49	122.4%
	728	789	92.3%	545	411	132.6%
	372	424	87.7%	208	167	124.6%
	483	551	87.7%	258	284	90.8%
	101	116	87.1%	72	54	133.3%
	118	137	86.1%	70	73	95.9%
	642	785	81.8%	399	412	96.8%
	568	697	81.5%	444	328	135.4%
	343	433	79.2%	233	259	90.0%
	85	108	78.7%	70	57	122.8%
	69	88	78.4%	58	58	100.0%
	214	275	77.8%	119	125	95.2%
	339	440	77.0%	0	192	0.0%
	263	412	63.8%	188	218	86.2%
	446	751	59.4%	393	441	89.1%

# Delivering effective education on a limited resource

**Data driven:** Compliance reports at Trust, Site, ward and user level, accessible by all users

**Key Performance Indicators and workflows:** Positive Patient Identification

## Positive Patient IDentification App





# Delivering effective education on a limited resource

**Data driven:** Compliance reports at staff level, accessible by senior managers and educators

**Key Performance Indicators and workflows:** Skin assessment, waterlow, falls and bed rails Risk Assessments

## Digital Literacy App

Events with timeline

Imperial College Healthcare NHS Trust

Timeline events performed by each Nurse

Name

Event\_Des

Timeline Groups

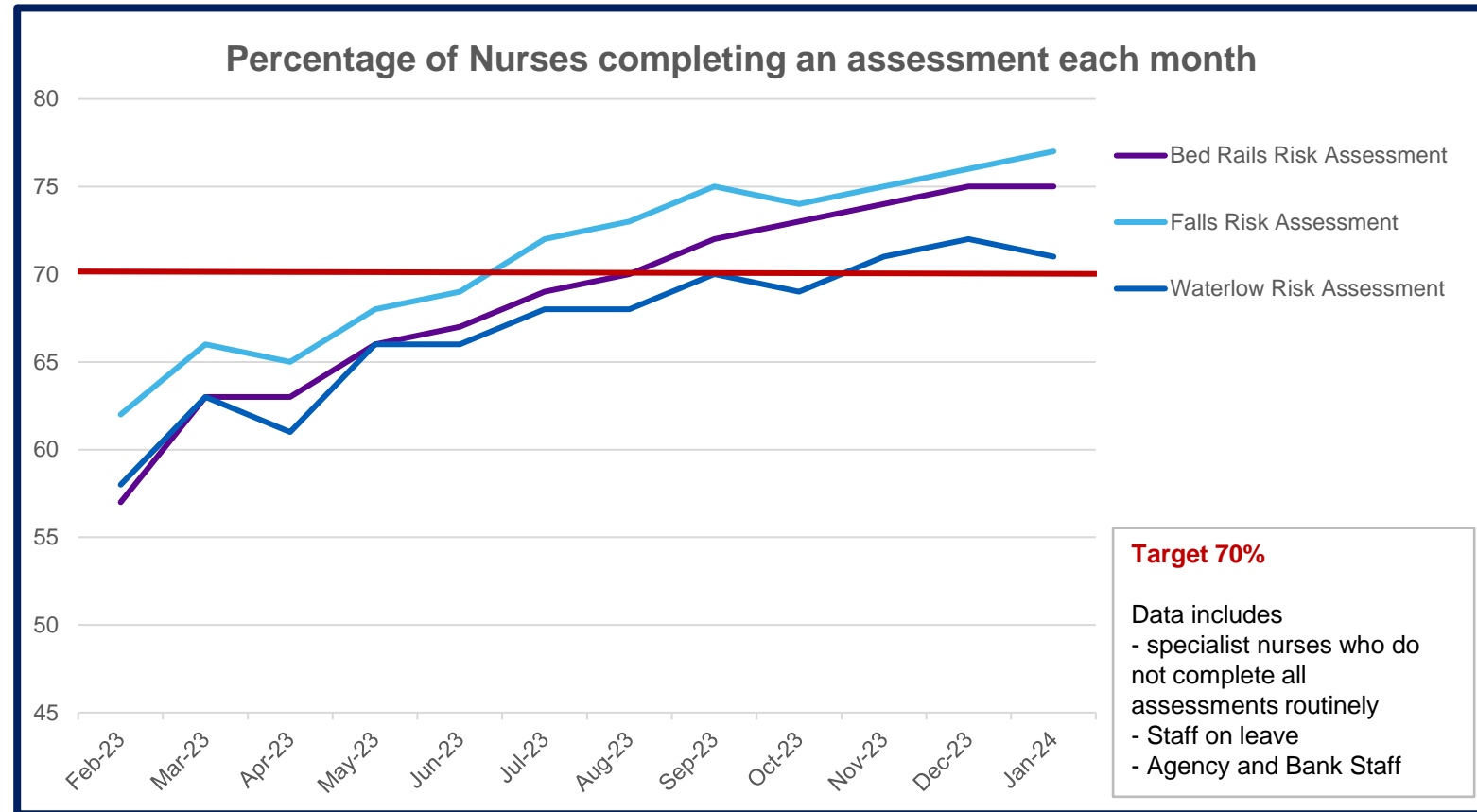
-	(SBAR) Reason for call				Bed Rails				Fall Assessment				Waterlow				Pressure Ulcer Body Map			
-	Last month	2-3 months	4-6 months	>6 months	Last month	2-3 months	4-6 months	>6 months	Last month	2-3 months	4-6 months	>6 months	Last month	2-3 months	4-6 months	>6 months	Last month	2-3 months	4-6 months	>6 months
-	-	-	-	-	3	-	1	-	3	-	3	-	1	-	1	-	-	-	-	-
-	10	-	-	-	3	9	5	4	19	47	27	23	6	7	5	11	4	13	10	17
-	-	9	-	-	56	31	-	-	61	68	-	-	9	2	-	-	28	42	-	-
-	9	54	-	-	43	133	56	84	44	145	63	95	10	16	8	25	-	9	7	10
-	18	72	53	171	-	-	2	1	11	55	92	53	2	6	12	26	3	7	9	8
-	-	9	-	18	11	59	86	50	12	59	94	52	5	24	27	20	6	23	48	23
-	-	9	9	18	3	4	10	19	3	5	10	20	3	5	15	19	-	2	-	1
-	18	9	8	8	2	8	12	37	14	26	65	139	2	7	13	61	7	16	40	59
-	10	-	59	39	5	2	16	25	7	4	21	36	5	4	6	19	11	22	56	36
-	-	-	-	9	4	7	32	12	15	21	35	20	5	15	31	28	16	34	50	21

# Delivering effective education on a limited resource

**Data driven:** Compliance reports at staff level, accessible by senior managers and educators

**Key Performance Indicators and workflows:** Waterlow, falls and bed rails Risk Assessments

## Digital Literacy App



# Celebrating Success



# Eyes on the Ground: Unexpected benefits of at the elbow support



Staff ideas for optimisation

Identification of technical issues affecting workflows

Patient feedback and education

# Where do we go from here?



Continue current trend

Securing funding for substantive posts

Greater number of KPIs – Care plan usage

Refine data collection – Can we gain more insight into the quality of the assessments?

University role in preparing the workforce for a digital approach to patient care.



A close-up photograph of a person's hand typing on a laptop keyboard. The image is partially visible on the left side of the slide, with the rest of the slide being a solid light blue color.

Any questions?