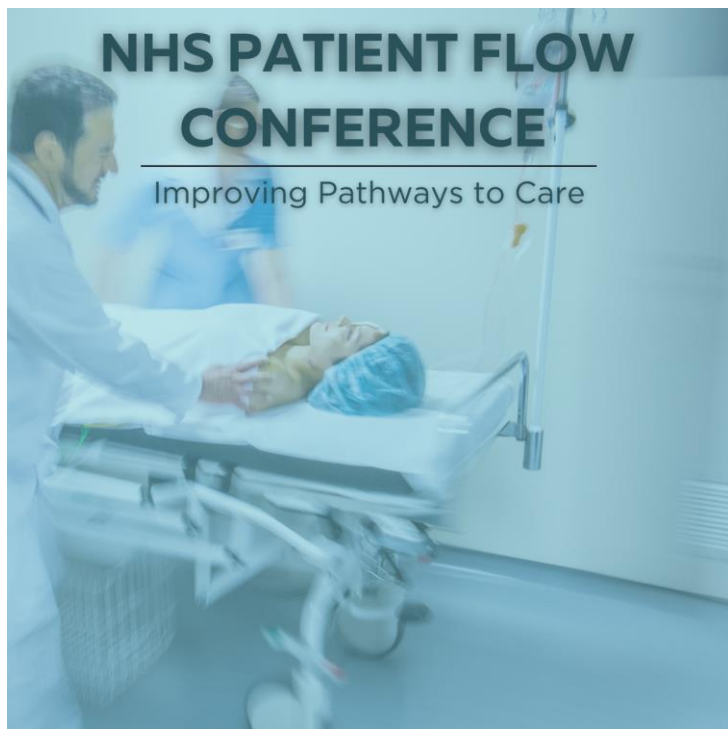


2nd July 2024 | 15Hatfields, London

Agenda for today:





Welcome to the 15th NHS Patient Flow Conference!

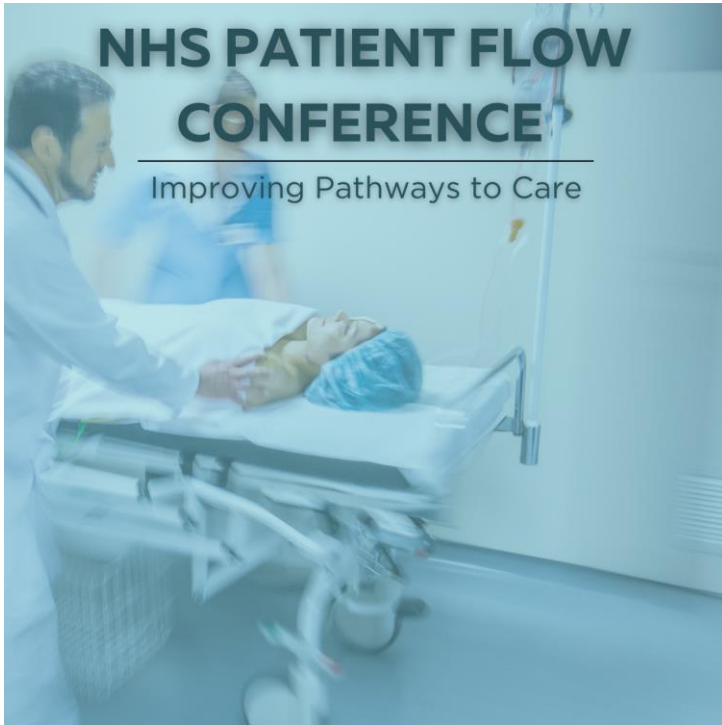


2nd July 2024
9am – 5:30pm
15Hatfields, London

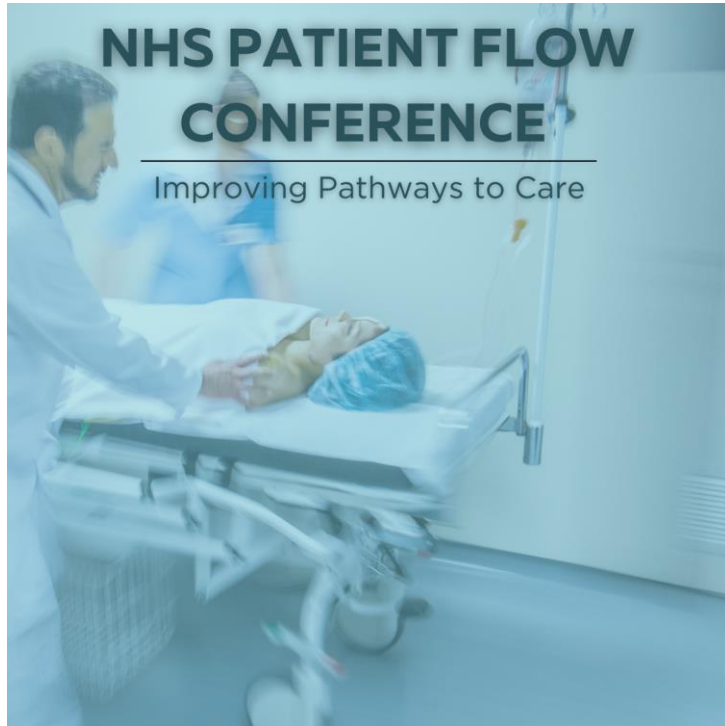


Slido

Please scan the QR Code on the screen. This will take you through to Slido, where you can interact with us.



SCAN ME

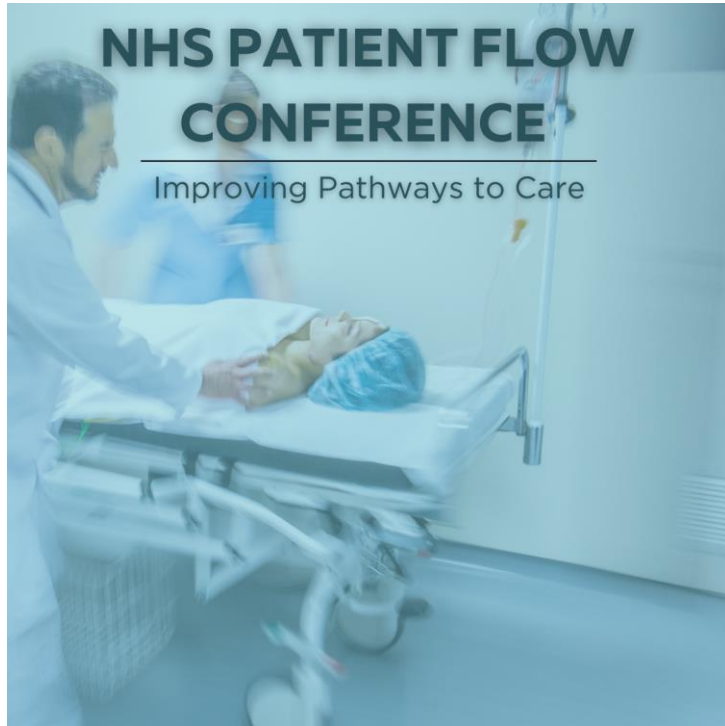


Chair Opening Address



Kelly Bishop

Assistant Director of Nursing and Urgent Care
Midlands and Lancashire Commissioning Support
Unit (MLCSU)



Speaking Now...



Tracy Stocker
Director of Operations for Flow and Integration
Medway NHS Foundation Trust

Using Technology to Improve Patient Flow

Tracy Stocker

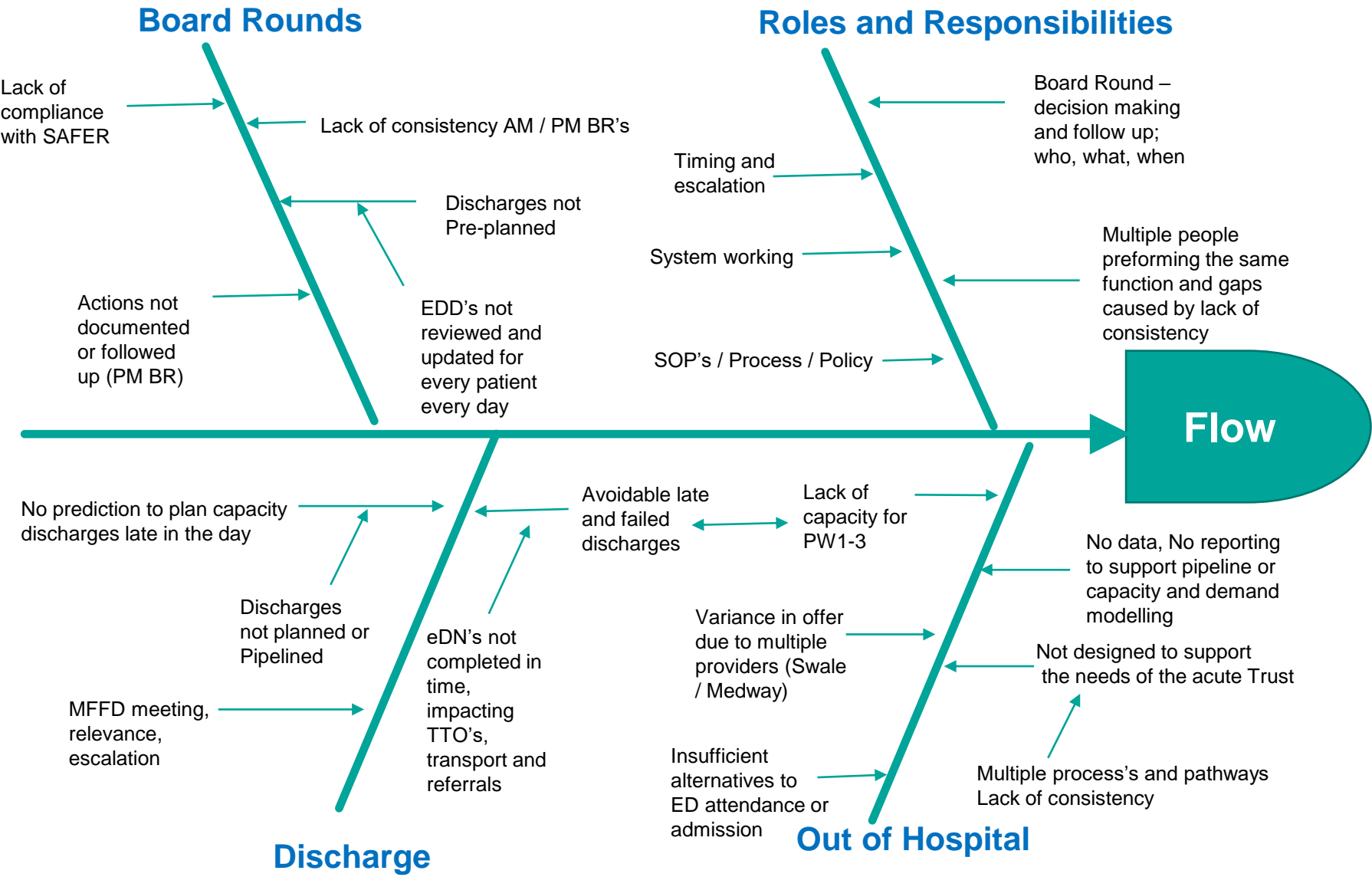
Director of Operations, Flow and Integration

Medway NHS Foundation Trust



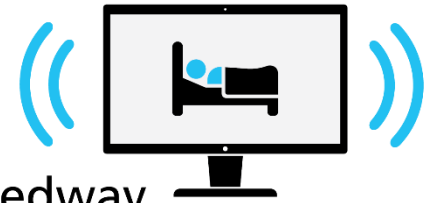
Fishbone

Lack of Integration, Communication and Accountability



- SEDIT data shows Medway as having a shortage of 100 acute beds. This and manual paper based processes have resulted in flow through the acute becoming more challenged and it was clear that a significant change needed to happen
- Our bed management system was out dated and clunky. Many staff found it difficult to use and a large amount of the functionality was redundant in supporting modern hospital flow
- A neighboring Trust had implemented a technical solution to effective bed management and were demonstrating great improvements in flow, bed turnaround and earlier discharges
- As with any technical solution we had to ensure processes were in place to ensure full productivity and return on investment.
- Right from the beginning the Site team were positive about the change, as we could see what a difference it would make to the team, the staff on the wards and most importantly our patients. We were aware of the challenges, however this did not stop the enthusiasm!

Traditional site / bed meetings



Medway
Care Coordination
Centre



OPEL STATUS				ACTION LOG			
DIVISION	TIME	ACTIVITY	DEADLINE	FEEDBACK BY	OUTCOME		
ED	0830-12:00				8.8		
AAU	3	3			6.6		
SDEC	3	3			6.6		(20)
TOP	3				6		
SPEC MED	3				6		
CRITICAL CARE	2	2			4		(16)
SURGERY	3				6+4+6		(18)
MATERNITY	3						
PNEDS	1A						
NICU	1A						
DIAGNOSTIC	2						
PHARMACY	4						
OVERALL TRUST	3 (50)						
Therapy	2						
MEDDOC							
IDT							
IPC							
EPFR							
M.H.							
44S							





Our improvement journey

Automated Discharge via Real Time Location System (RTLS)

Automation Method



Patient is assigned RTLS Badge at admission



Patient badge is removed at discharge and placed in a specific drop-box as the patient departs



Discharge event is automatically sent to TeleTracking system



Domestic Staff instantly receives new bed clean request – well before nurses report or ADT

Our improvement journey

Before TeleTracking:



- No live data feed
- Manual input takes valuable staff time and energy
- Not best use of staff skillsets (high wastage)
- Inaccuracies (human factors)

Current Day:

*LISTER	*BRONTE	*BYRON	*CCU	*ESS	*JADE	*KEAT'S	*KINGFISHER
PB31 SB0 CN30	PB15 SB0 CN15	PB26 SB0 CN27	PB8 SB0 CN6	PB21 SB0 CN21	PB24 SB0 CN24	PB26 SB0 CN27	PB22 SB0 CN21
R5 A0 P18	R6 A0 P1	R9 A0 P4	R0 A0 P0	R6 A1 P5	R6 A0 P4	R1 A0 P1	R0 A0 P6
GPAU BAY2 B08	BRON1 BAY1 B01	*BYRON LODG B1	CCU BAY 1 B03	ESS BAY4 B15	JADE BAY1 B04	KEAT BAY1 B01	KFW BAYC B04
Blocked	Occupied	Occupied	Clean	A In Progress	Occupied	Occupied	In Progress
	R #	G			G #	G	
GPAU BAY1 B01	BRON1 BAY1 B02	BYRON BAY1 B01	CCU BAY 2 B06	*ESS LODG B1	JADE BAY1 B05	KEAT BAY1 B02	KFW BAYA BA01
D Occupied	Occupied	Occupied	Clean	D Occupied	Occupied	Occupied	Occupied
G #	R #	G #		G	B		G
GPAU BAY1 B02	BRON1 BAY1 B03	BYRON BAY1 B02	CCU BAY 1 B01	ESS BAY1 B02	JADE BAY1 B06	KEAT BAY1 B03	KFW BAYA BA02
d Occupied	Occupied	Occupied	Occupied	c Occupied	T Occupied	Occupied	Occupied
G #		G	G	G	R	G	G
GPAU BAY1 B03	BRON1 BAY1 B04	BYRON BAY1 B03	CCU BAY 1 B02	ESS BAY1 B02A	JADE BAY2 B07	KEAT BAY2 B08	KFW BAYA BA03
Occupied	Occupied	Occupied	Occupied	Occupied	T Occupied	Occupied	T Occupied
G #	R #	A	G	G	G	G	B
GPAU BAY1 B04	BRON1 BAY2 B05	BYRON BAY1 B04	CCU BAY 1 B04	ESS BAY1 B03	JADE BAY2 B08	KEAT BAY2 B09	KFW BAYA BA04
d Occupied	Occupied	Occupied	Occupied	Occupied	T Occupied	Occupied	T Occupied
G #	G	G	G #	G	G	R	G
GPAU BAY1 B05	BRON1 BAY2 B06	BYRON BAY2 B05	CCU BAY 2 B05	ESS BAY1 B04	JADE BAY2 B09	KEAT BAY3 B10	KFW BAYB BB01
c Occupied	Occupied	Occupied	Occupied	Occupied	Occupied	Occupied	Occupied
G	G	A	G #	G	G	G	G

- Live data feed
- Can see current state of all beds throughout the Trust
- Minimal variation in process and content – Lean!
- Automation to portering and bed cleaning – removing waste

Pre-Admit Tracking Board - ED

Clinical Operations

Care Support

Analytics

Admin

Electronic Bedboard

Patient Search

New PreAdmit

Admits Today

Custom Views

Split

Split Settings

Projected Census

Instant Notify

Notify Settings

Reports

Console

ED

Assessment Areas

Internal Transfers

Transfer out of Critical Care

Elective/Emergency TCI

Pending/Conf Discharges

ED 30 Requests + 1 Assignments + 0 Untargeted + 31

Search Text: Last Name Date: 14/06/2024 - 25/06/2024 Search Clear

Print

ED

Assessment Areas

Internal Transfers

Transfer out of Critical Care

Elective/Emergency TCI

Pending/Conf Discharges

Target ward allocated at DTA

Requested	Origin Ward	Name	Age	Procedure	Comments	LOC	Iso Type	Consultant	Target Ward	RTM @	Assgd Timer	Assgd Bed	Transport Statu	Occpd Timer
24/06 22:58	**ED		31	DKA	Working Diagnosis: Di...	Acute ...	Green	DA'COSTA, ADEE	*IADE	22:58	13:51	--	--	--
25/06 00:21	**ED		68	Confused and pyrexia	Working Diagnosis: C...	Frailty	Green	DA'COSTA, ADEE	*NELSON	00:21	12:28	--	--	--
25/06 00:46	**ED		82	? Dehydrated - CA patient on a	Working Diagnosis: Bil...	--	--	DA'COSTA, ADEE	*LAWREN...	01:15	11:35	--	--	--
25/06 01:13	**ED		76	Lower limbs oedema, SOB	Working Diagnosis: H...	Acute ...	Green	DA'COSTA, ADEE	*JADE	01:15	11:35	--	Cancelled	--
25/06 03:44	**ED		76	Lethargic, recent discharge fr	Working Diagnosis: C...	Frailty	Green	DA'COSTA, ADEE	*TENNY...	03:46	09:04	--	Complete	--
25/06 03:44	**ED		89	Unwitnessed fall	Left NOF #	Orthop...	Green	DA'COSTA, ADEE	*HARVEY	03:46	09:04	--	Complete	--
25/06 04:08	**ED		80	breathing problems	--	--	--	DA'COSTA, ADEE	*TENNY...	04:34	08:16	--	--	--
25/06 06:15	**ED		68	Creatnin 570, Aki - Stage 3	Working Diagnosis: U...	Acute ...	Green	DA'COSTA, ADEE	*WILL AD...	06:15	06:34	--	--	--
25/06 06:27	**ED			able decompensa...	Acute ...	Green	Green	DA'COSTA, ADEE	*PEMBRO...	06:27	06:22	--	Complete	--
25/06 07:08	**ED			Right NOF	--	Green	Green	DA'COSTA, ADEE	*HARVEY	07:08	05:41	--	Complete	--
25/06 08:14	**ED			Cancer	Green	Green	OYARZABAL, M/	*LAWREN...	08:14	04:35	--	--	--	
25/06 09:15	**ED			General...	Green	Green	DA'COSTA, ADEE	*WILL AD...	09:15	03:34	--	--	--	
25/06 09:15	**ED			Frailty	Green	Green	DA'COSTA, ADEE	*BYRON	09:15	03:34	--	Complete	--	
25/06 09:15	**ED			Frailty	Green	Green	DA'COSTA, ADEE	*KEATS	09:15	03:34	--	Complete	--	
25/06 10:24	**ED		35	Trans from HDU @ KCH	Differential Diagnosis: ...	General...	Green	DA'COSTA, ADEE	*MCCULL...	10:24	02:25	--	--	--
25/06 11:32	**ED		80	yellow skin	--	Frailty	Green	DA'COSTA, ADEE	*MILTON	11:32	01:17	--	Complete	--

Comments:
Differential Diagnosis: Left subclavian vein stenosis secondary to the known cervical rib/associated band. Subsequent occlusion in the mid brachial artery, with reconstitution distally as described.
Left intramuscular pectoralis haematoma - with no active

ED
Assessment Areas
Transfer out of Critical Care
Internal Transfers
Pending/Confirmed
Discharges

Target ward allocated at DTA

Comments:
Differential Diagnosis: Left subclavian vein stenosis secondary to the known cervical rib/associated band. Subsequent occlusion in the mid brachial artery, with reconstitution distally as described.
Left intramuscular pectoralis haematoma - with no active

TeleTracking Ward View

Bed Statuses

Patient Status Icon

RIP Icon

Patient Flow Tool RTM
Clicked when patient is ready to move after a bed request

Flu and Covid step-down

Level of Clean

Discharge lounge appropriate

Discharge Milestones

MFFD
Select to highlight what area patient will be discharged to

Porter Requests

Patient custom Attributes

Bed	ST	Name	Age	NOMAD	Hospital No.	RTLS Badge	LOS	Iso Type	Consultant	Dr	FIO2	Milestones	MFFD	CLD	RTM @	Assgd Bed	Occpd Tim Cu
CUL-BOA01						--									--		
Culpepper-A1	IH	PEERSON, IVILYN	74		M857956		260.7	*Level 3 - PII St...	KEOUGH, ALEXAN...						--		
Culpepper-A2						--									--		
Culpepper-A3	A+	HUSBAND19CDATACHECK19JUL202...	53		P0217747		25.0		SHARMA, HEMANT					12:47	Culpepper...	00:32	
Culpepper-A4	c	TEST, ELEONE	82		M857840		259.0	*Level 3 - Steam	KEOUGH, ALEXAN...						--		
Culpepper-A5	T+	COASENS, GWENDE	49		M857849	17405685	259.1	*Level 2	KEOUGH, ALEXAN...					11:19	Culpepper...	26:01	
Culpepper-A6	IH	Testle, Tests2			M99905		70.1	*Level 4						--			
Culpepper-B1						--									--		
Culpepper-B2	D	BESSETT, MONOWERE	66		M857473		260.0	*Level 2	KEOUGH, ALEXAN...	Scra...							
Culpepper-B3	C	RUBIRTS, ENNE	85		M851571		267.0	*Level 2	KEOUGH, ALEXAN...						--		
Culpepper-B4						--									--		
Culpepper-B5	T-	REJELONGEM, HEYLEY	77		M847953	17404751	267.2	*Level 2	KEOUGH, ALEXAN...	3				14:39			
Culpepper-B6						--									--		
Culpepper-SR1	d	HERROSON, HEZEL	28		M731559	17423781	395.5	*Level 3 - Steam	KEOUGH, ALEXAN...	Scra...	2						
	T+	TELETRACKING6, INTERFACETEST	69		D6723463		67.1		Soliman, Ahmed								
	R+	tsetting, test															

Dirty

Clean Next

In Progress

Suspended

Delayed

Clean

Blocked

Occupied

Dirty (Brown)

Clean Next (Grey)

In Progress (Yellow)

Suspended (Dark Green)

Delayed (Tan)

Clean (Green)

Blocked (Black)

Occupied (Orange)

These statuses are related to the clean of the beds.

R+

A+

T+

T+

T-

T-

Pre-Admit patient that has been targeted a ward

Pre-Admit patient that has been assigned a bed

Patient has a bed request coming onto ward

Patient with bed request and assigned bed

Patient with bed request to another ward

Patient with bed assigned moving to another ward

IH

c

C

d

D

In Patient

Confirmed Discharge tomorrow

Confirmed Discharge today

Pending Discharge tomorrow

Pending Discharge today

Portering Status

Delay/InProgress (Dark Green/Olive)

Complete (Grey)

Appointment (Dark Blue)

Assist (Green)

Cancelled (Black)

Electronic Board Round View

Welcome, [Damen Palmer](#) | [CMS Help](#) | [My Notifications](#)

Access Clinical Operations Care Support Analytics Admin

[Patient Search](#)
[Item Trans](#)
[Instant Notify](#)
[Notification Settings](#)
[Message Board](#)
[Quick Reports](#)

Ward View Board Round MDT

Board Round MDT Ward

Bed	ST	Age	LOS	EDD	Milestones	Wait Reason	Criteria to Reside	Reasc Discharge Pathw	Postcode	District
KFW BAYA BA01	IH	86	8.7	03/11 00:00						Swale
KFW BAYA BA02	IH	41	2.3	01/11 00:00						Swale
KFW BAYA BA03	IH	33	4.1	03/11 00:00						Medway
KFW BAYA BA04	IH	79	2.8	30/10 00:00						Medway
KFW BAYB BB01	IH	96	0.3	03/11 00:00						Medway
KFW BAYB BB02	D	92	6.1	30/10 16:00						Swale
KFW BAYB BB03	IH	90	5.8	10/10 00:00						Medway
KFW BAYB BB04	IH	84	12.3	24/10 00:00						Medway
KFW BAYC BC01	D	62	1.9	30/10 18:00						Swale
KFW BAYC BC02	D	26	0.5	30/10 18:00						Medway
KFW BAYC BC03	T-	80	24.9	04/11 00:00						Medway
KFW BAYC BC04	T-	78	13.6	02/11 00:00						Medway
KFW BAYD BD01	IH	24	0.3	03/11 00:00						Medway
KFW BAYD BD02	IH	73	5.5	16/10 00:00						Swale
KFW BAYD BD03	IH	31	1.8	01/11 00:00						Swale
KFW BAYD BD04	IH	89	3.8	02/11 00:00						Medway
KFW BAYE BE01	IH	93	3.1	05/11 00:00						Medway
KFW BAYE BE02	D	74	5.0	30/10 16:00						Swale
KFW BAYE BE03	IH	55	33.2	30/10 00:00						Medway
KFW BAYE BE04	T-	83	47.1	26/10 00:00						Medway
KFW SR1 B01	IH	85	15.9	25/10 00:00						Medway

Discharge Milestones

Clinical Operations

Care Support

Analytics

Admin

Electronic Dashboard

Patient Search

New Admits

Admits Today

Custom Views

Split View

Split View Settings

Proposed Census

Instant Notify

Notification Settings

Quick Reports

Load/Save Console

ED

Assessment Areas

Internal Transfers

Transfer out Critical Care

Elective/Emergency TCI

Pending/Conf Discharges

Pending/Conf Discharges

37 Pending + 27 Confirmed + 64

Search Text:

Last Name

Date:

25/06/2024

Search

Clear

1

2

3

Pt Status	Patient Attr	EDD	Disch Timer	Home Loc	Milestones	Name	Age	RTLS Badge	Iso Type	Hospital No.	Current Loc
ConfID	2 - Rehabilitation or ...	25/06 07:52	---	TENNY BAY1...	<div><div></div></div>		84	17422477	Green		TENNY BAY1 B03
ConfID	(I) No Treatment Plan...	25/06 09:13	---	HAR BAY2 B17	<div><div></div></div>		95	---	Blue		HAR BAY2 B17
ConfID	Criteria to Reside - N...	25/06 11:48	---	DIL BAY1 B06	<div><div></div></div>		86	---	Green		DIL BAY1 B06
ConfID	ESBL, Criteria to Resi...	25/06 08:44	---	TENNY BAY3...	<div><div></div></div>		80	17416503	Amber		TENNY BAY3 B10
ConfID	Criteria to Reside - Yes	25/06 12:19	---	DIL BAY1 B05	<div><div></div></div>		77	---	Green		DIL BAY1 B05
ConfID	(I) No Treatment Plan...	25/06 12:20	---	DIL BAY4 CH...	<div><div></div></div>		89	---	Green		DIL BAY4 CH11
ConfID	MRSA, (I) No Treatm...	25/06 12:00	---	KFW BAYA B...	<div><div></div></div>		90	17422323	Amber		KFW BAYA BA04
ConfID	---	25/06 07:26	---	VIC BAYB BB...	<div><div></div></div>		68	17415243	Green		VIC BAYB BB01
ConfID	MRSA, Dementia, Fal...	25/06 18:28	---	BYRON BAY...	<div><div></div></div>		88	17422591	Amber		BYRON BAY4 B19
ConfID	---	25/06 07:26	---	VIC SR3 B03	<div><div></div></div>		46	17415759	Green		VIC SR3 B03
ConfID	Smart Ward Referral	25/06 18:00	---	ARETH BLUE...	<div><div></div></div>		64	17421877	Green		ARETH BLUE B04
ConfID	Criteria to Reside - Y...	25/06 14:02	---	NEL BAY4 B23	<div><div></div></div>		60	17418543	Green		NEL BAY4 B23
ConfID	Falls Risk, Green Day...	25/06 18:47	---	*BYRON LO...	<div><div></div></div>		86	17419400	Green		*BYRON LODG B1
ConfID	C Diff Carrier	25/06 11:43	---	PEM BAY1 B08	<div><div></div></div>		54	17416099	Green		PEM BAY1 B08
ConfID	Criteria to Reside - Y...	24/06 14:43	---	WAK FTS FT...	<div><div></div></div>		40	17415488	Green		WAK FTS FTS01
ConfID	Dementia, Falls Risk, ...	25/06 18:09	---	BYRON BAY...	<div><div></div></div>		76	17424518	Green		BYRON BAY1 B04
ConfID	---	25/06 15:00	---	SAU YELLOW ...	<div><div></div></div>		78	---	Blue		SAU YELLOW TR19
ConfID	Criteria to Reside - Y...	25/06 16:15	---	GPAU BAY3 ...	<div><div></div></div>		33	17416166	Green		GPAU BAY3 B13

✓ No Criteria to Reside

✓ Therapies

✓ EDN

✓ TTO

Transport

EDD: 25/06/2024 07:52

Set Milestone Detail

Visit #: 62781948

Discharge Milestones

Complete	Milestone	Delay Reason	Notes	Last Updated	Updated By
✓	No Criteria to Reside			05/04/2024 11:19	Jayeguns, Maurice
✓	Therapies			05/04/2024 11:19	Jayeguns, Maurice
✓	EDN			08/05/2024 11:45	Libunao, Nichole
✓	TTO			08/05/2024 11:45	Libunao, Nichole
	Transport				

☒ Display milestone progress on Console for any active patient status

☐ Display milestone progress on Bed Board for any active patient status

EDD: 25/06/2024 07:52

Send Notifications

Save Save and Close Close

Working towards the patients discharge, the ward will update the Discharge Milestones. Delays can also be updated. This will be visible across both sites.

The overview of the completed milestones will be visible on the ward view as follows:



Previous Position

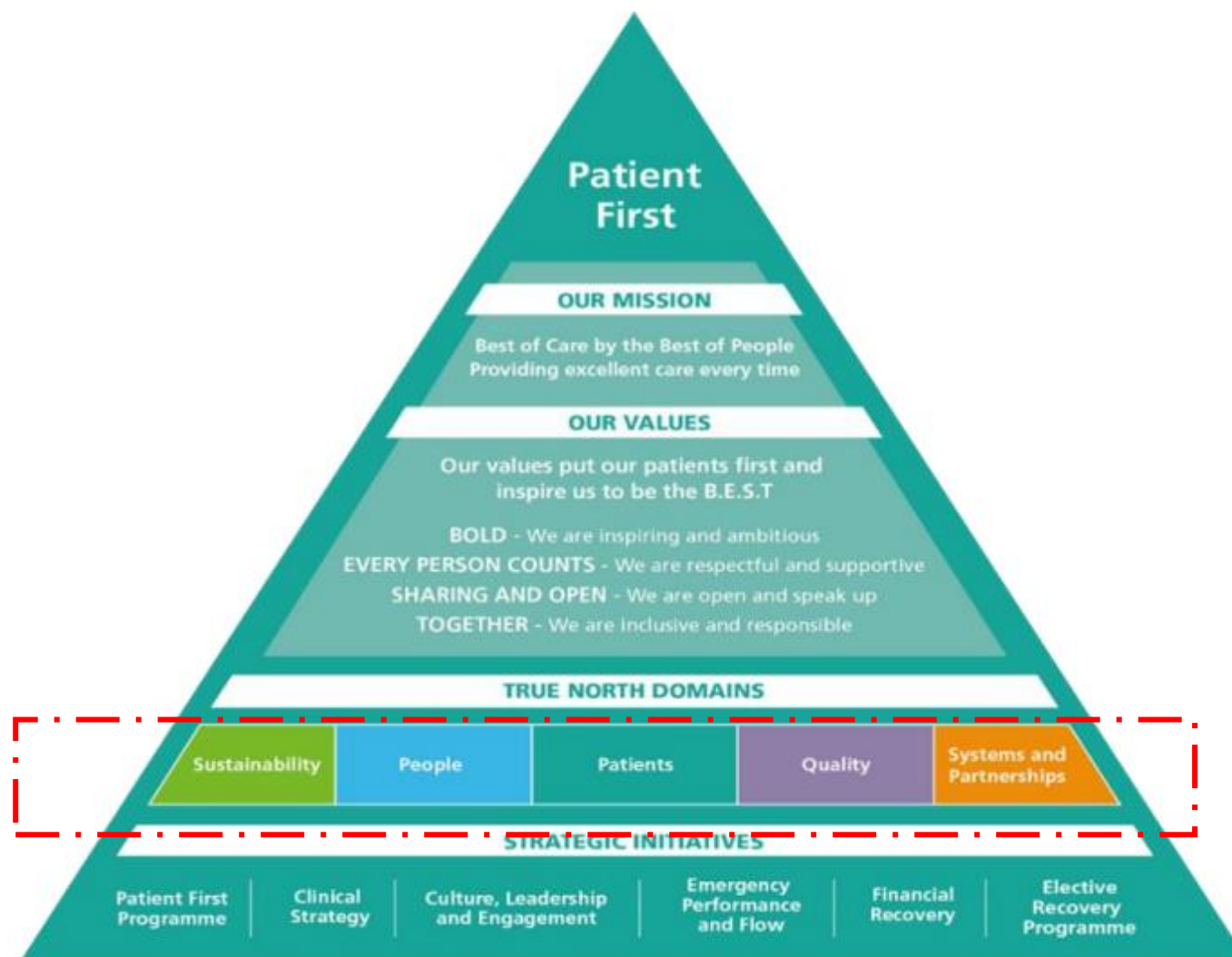
- Meetings three times daily
- 150+ WhatsApp messages daily
- Manual calculation
- Multiple staff running to find information
- Paper and clipboards

Current Position

- Integrated Care Coordination Centre
- Powered by TeleTracking
- Co-location of:
 - Tactical Commander
 - Clinical Site Manager
 - EPRR Advisor
 - Facilities Supervisor
 - Bed Placement Specialists

The Clinical Site Team is made up of Senior Site Managers, Site Managers and Bed Allocation Specialists

Outcomes aligned to our Patient First Strategy



A Patients Journey Through the Tracking System

patient attended ED 28th November - DTA and bed request raised via tracking system via CCC

- Female KEATS bed went dirty 14:36, CCC prioritised bed to clean next 14:44, BTT starts clean 14:50, completes clean and bed declared clean 15:50 (Bed turnaround time 75 mins)
- Patient assigned clean Keats bed 15:56 (6 mins)
- Auto porter request 15:56 (0 mins) Porter dispatched 15:56 within 1 min, in progress started moving patient 16:08, completed job and patient in bed 16:34 (porter total job time 38 mins)
- Average Patient Flow Time from bed going dirty = 1 hour 58 mins
- Accessed her care 50% quicker than pre Tracking*

Idle Bed Time*



THEN

~4+ HOURS

No Automation or Visibility
Manual Processes



NOW

2 HOURS 20 MINS

Automation &
Trust Wide Visibility

IMPROVEMENT



~50%

Quicker Access to Care



Ambition:

Providing outstanding, compassionate care for our patients and their families, every time.

Vision:

Every time any of us interact with our patients, their families and carers, we should ensure our interactions are prompt and positive.

*Averages, bed dirty, assignment time, occupied time

Patient Flow KPIs

Effective & Responsive Flow = Quicker Access to Care



THEN

**WHITEBOARD &
VERBAL UPDATES**



**WAS 35% 6 WEEKS IN
NOW 60% 6 MONTHS IN**
Confirmed Discharges
Identified Before Leaving



SINCE GO-LIVE

58 MINS

Time to move a patient out
of ED to ready bed



SINCE GO-LIVE

66 DAYS A MONTH

Bed capacity released
early via RTLS Dropbox
(64%)



SINCE GO-LIVE

74 MINS

Bed Turnaround Time
Discharge Bed Dirty to Clean



NOW

30 MINS

Portering Time
Patient Moves



**Systems and
Partnerships**

Ambition:

Delivering timely,
appropriate access to
acute care as part of a
wider integrated care
system.

Visions:

Timely care in the right
place at the right time.
Improved timely access
for patients on the
Referral To Treatment
(RTT) pathway.

Nursing & Clinical Benefits

30 mins (per clean) x 100 (average turnaround beds per day) / 60 (hours) = 50 hours per day

Releasing time back to care for patients

 **THEN**
**NURSES CLEANED
ALL BEDS**

 **NOW**
**50 HOURS
A DAY**
Released back to Clinical

**ACCESS TO CARE
IMPROVEMENT**
 **50%**
Reduction in Idle Bed Time*


Quality

Ambition:
Excellent outcomes ensuring no patient comes to harm and no patient dies who should not have.

Vision:
To have no patients die when it could have been prevented.

*Averages, bed dirty, assignment time, occupied time vs per go-live

Early Return on Investment

Reduction in escalation space, 1 bay of 6 £400/800k
£1.2 m per year cost out and cost avoidance.

Better utilisation of your bed capacity*

BED UTILISATION **WASTE**



**~4+ HOURS =
£68 A DAY/PER BED**

No Automation or Visibility
Manual Processes



**NOW
2 HOUR 20 MINS**

~50% Reduction in
Idle Bed Time

BED UTILISATION **SAVING**

**£34 A DAY/PER BED
£1.2M P/A**



Automation &
Trust Wide Visibility
50% improvement



FUTURE

**£ REDUCED
ESCALATION SPACE**



FUTURE

£ CANCELLED OPS



FUTURE

**£ OUTSOURCED
ACTIVITY**



Sustainability

Ambition:

Living within our means providing high quality services through optimising the use of our resources.


Vision:

To reach a sustainable or recurrent break-even position by 2027/8.

*Averages, bed dirty, assignment time, occupied time
~£400 a day per bed, ~£17 an hour per bed

Qualitative benefits

Automated workflows, reducing the administrative burden

 **THEN**
**6+ SYSTEMS, HEAVY
ADMIN BURDEN**
To manage flow effectively

 **NOW**
**DISPATCHER'LESS
AUTOMATION**
Porters & BTT

 **NOW**
1 SYSTEM
Trust wide visibility of demand
and capacity

 **NOW**
TEAM CULTURE
Bringing MDT's together in the
CCC, ED, wards, facilities

 **NOW**
ENGAGED TEAMS
People are using the system,
reflected in KPIs

 **NOW**
**DEPARTMENT
FEEDBACK**



Ambition:

To be the employer of choice and have the most highly engaged staff within the NHS.

Vision:

We will have a highly engaged workforce across the organisation which will make us the employer of choice. We will recruit and keep the best people by having a culture of staff-led improvement and innovation.

Additional Systems to Enable Better Patient Care and Improve Flow




















- EPR – removing paper notes
- Discharge templates and checklists on EPR, fully auditable and reportable
- Patient Tracker List
- Discharge Dashboard
- AI technology to predict EDD and support discharge planning

EPR Ward Dashboard

A5 - Byron Ward (Active)

Refresh L4

Active Patients: 27

Location	Patient Name	Age / Gender	Consultant	Working Diagnosis	Resus Status	Vital Signs	NEWS2	VTE Status New	Nutrition & Hydration (New)	Clinical Indicators	4AT Known	MUST Score	Waterlow Score	EDO	Discharge Status	LOS	Falls Risk	SAMBA	Covid Screening Date	Covid Swab Result
Bay 1 Bed 1		89y /F		Worsening of Vascular dementia Hyperactive Delirium secondary to increase care needs Rib fracture secondary to fall	DNACPR	VS	0	On Admission	Normal Fluids Lev	DeLS 	8	0	17		TTO PHARMACY DISPENSED EDN WRITTEN	24d 12h	Y 	Covid - De		
Bay 1 Bed 2		91y /F		Decompensated HF Hypervolemic Hyponatraemia + m left leg haematoma haematoma (spontaneous) improve LRTI treated with Co-amoxiclav Hypomagnesaemia - on replacement Pressure sore - ungradable	DNACPR	VS	2	On Admission	Normal Fluids 		4	1	22	01-Nov-2023		24d 10h	Y 	Covid - No		
Bay 1 Bed 3		91y /F		Right sided pneumonia CURB 65 Comminuted fracture seen involving Severe OA hip Delirium due to above on bg Alzhe AKI 1 due to sepsis and dehydratic Pressure injury over Lt heel CFS 7 ABG T1RF Mass R inferior gluteal region - for Vitamin D deficiency IDA	DNACPR	VS	4	On Admission	Normal Fluids 		5	2	25	02-Nov-2023		8d 18h	Y 	Covid - No		
Bay 1 Bed 4		78y /F		Fall - secondary to increasing frail L distal clavical fracture (high risk) Iron Deficiency Anaemia B12 Deficiency Vit D deficiency Hypoactive delirium secondary to	DNACPR	VS	1	On Admission	Normal Fluids 	DeLS 	8	1	18			10d 17h	Y 	Covid - No		
Bay 2 Bed 5		81y /M		Delirium secondary to recent infec Moderate to severe frailty Incomplete resolution of chest infe	DNACPR	VS	2	On Admission			2	0	18			2d 12h	Y 			
Bay 2 Bed 6		81y /M		Syncope secondary to Orthostatic CAP - CURB 3 T2MI Delirium- resolved Long term normocytic anaemia - R/o urine retention	DNACPR	VS	1	On Admission			1	1	11	03-Nov-2023		2d 12h	Y 			
Bay 2 Bed 7		83y /M		Community Acquired Pneumonia CFS 6/7 Ascending Aorta dilatation - vascu Folate + iron deficiency anaemia - Diarrhoea - secondary to medication Hypokalaemia secondary to above	DNACPR	VS	2	On Admission	Normal Fluids Nor		5	0	17			8d 12h	Y 	Covid - No		
Bay 2 Bed 8		87y /M		Post stroke seizures Severe Frailty Thrombocytopenia (resolved) - on Hypoactive delirium - improving	DNACPR	VS	1	On Admission	Normal Fluids Nor	DeLS 	6	0	17	25-Sep-2023	TTO PHARMACY DISPENSED EDN WRITTEN	43d 10h	Y 			
Bay 3 Bed 09		91y /M		Multifactorial fall Secondary to frail Haematoma + overlying soft tissue Hypocalcaemia secondary to CKD - Normocytic anaemia Constipation- resolved, now loose Poor mobility and increased care r High risk of pressure sores- previu Hypoactive delirium - ongoing	DNACPR	VS	1	On Admission	Normal Fluids Nor		6	2	17	30-Oct-2023		29d 20h	Y 	Covid - No		
Bay 3 Bed 10		79y /M		HAP (resolved) COVID pmonitis (resolved) Iron deficiency anaemia - ferrinject Vitamin D deficiency Folic acid deficiency Ongoing Maculopapular rash - sus Constipation	DNACPR	VS	2	On Admission	Normal Fluids Nor		0	0	22	13-Oct-2023	TTO RESENT EDN WRITTEN	68d 02h	Y 	Covid - No	06-Sep-2023 10:54	Negative
Bay 3 Bed 11		70y /M		Multifactorial fall secondary to PD, LRTI (completed abx) ~ High risk Pelvis mass on CT CAP - Probably Constipation - resolved Rule out covid/aspiration Hypokalaemia - resolved	DNACPR	VS	4	On Admission	Normal Fluids	P 	6	2	30		TTO PHARMACY DISPENSED EDN WRITTEN	15d 12h	Y 	Covid - No	02-Nov-2023 15:10	Negative

Discharge documentation on EPR

Searching for ip dis

ip dis

Document Name

- IP Discharge Checklist
- IP Discharge Controlled Drug Request
- IP Discharge Notes
- IP Discharge Planning
- IP Discharge Summary
- IP Discharge Summary - Death Notification

- Accessible by all
- Fully auditable
- National data submission for discharge submitted from this form
- Plan to interop with TeleTracking

IP Discharge Note Document Output

IP Discharge Notes

Patient Name
[Redacted]

NHS Number:
[Redacted]

Patient address
[Redacted]

Criteria To Reside
99 - No Criteria To Reside

No Criteria To Reside Date
17-Apr-2024

Discharge Df/Pt
[Redacted]

Discharge Date
[Redacted]

Discharge Pathway
1 - Support to recover at home; able to return home with support from health and/or social care

Therapy
Ongoing PT/OT intervention needed

Transport Required/Booked
Ambulance booked

SMART Referral
[Redacted]

NCTR Wait Reason
Awaiting POC

IDT Referral Received
Yes

Pathway Organisation
IDT

Actions/Escalation

19/4/24 DJ - Plan is for discharge home 20/4/with homefirst. Homefirst confirm patient is booked on 9 am transport and reports that she has her keys with her. Next of kin nephew has been advised of the plan.

18/4/24 KC-IDT spoke to patient and she has stated to does not consent to rehab and wishes to return home as originally planned with POC. I have spoken to HF and they have added her back on to the list for saturday 20/4/24.
Therapy to confirm if pt requires tripod/if d/c dependent.
patient has asked to PIs call NOK to update him re POC

18/4/24 SC - TOC to be completed for rehab

18/04/24- Grace IDT- received a call from Manori, Physio, who stated patient is now for rehab. Rehab goals are in notes.
18/04/24 - SCW IDT - pt now for d/c home tomorrow. Therapy to confirm if pt requires tripod/if d/c dependent.

18/4/24 SC Recieved form to be completed by HF for cuff details. Form has now been completed and returned to HF.

17/04/24 SHIV IDT- Home 1st ref made however OT/PT have documented ongoing assessment needed ? if patient will need Tripod stick in collar and cuff. I have asked home 1st (Kirsty) to keep referral in pending until confirmation on equipment can be confirmed in morning.
17/04/24 SHIV IDT- MFFD Ref from NIC for OD SH POC via home 1st, ttos on ward.

In-Patient Tracker List - ward view

Home > Live > Inpatient Reports > R0023_Current_Inpatients

Division

PLANNED CARE,UNPLANNED & IT

Care Group

ACUTE AND EMERGENCY MEDICINE

Ward

A7 - MILTON WD,ARETHUSA WAR

View Report

District

MEDWAY,SWALE,BEXLEY,BRENT,C

Bed Type

STANDARD BED

Dx. Status

"unknown",Date Agreed,Definite,C

Pathway

Pathway 0,Pathway 1,Pathway 2,Pa

Criteria To Reside

Requiring ITU or HDU care,NEWS

Wait Reason

"unknown",Assessment required,A

Organisation

"unknown",AACC,CHS FT,CHS Hea

1 of 1
 100%
 Find | Next

Current Inpatients - Patient List



Last Refresh: 8

Patients: 819 LoS 21d+: 147 NCTR: 156

Ward	Bed	PAS No	NHS No	Patient Name	District	Age	Type	Admitted	LOS	Dx. Status	Actions	EDN	Pwy	Criteria To Reside	NCTR Dt	NCTR	Wait.Rsn.	Org	Dx.Fail.
A7 - MILTON WD	1				MEDWAY	91		02/11 00:00	1				0						
A7 - MILTON WD	2				SWALE	94		20/10 02:00	13				3	None	02/11	1	Palliative review needed	MCH	
A7 - MILTON WD	3				MEDWAY	89		04/10 19:22	29				3	None			Assessment required	Medway Council	
A7 - MILTON WD	4				MEDWAY	96		30/10 01:00	3				0						
A7 - MILTON WD	5				MEDWAY	77		22/10 11:55	11				3	None			Assessment required	Medway Council	
A7 - MILTON WD	6				MEDWAY	80		21/10 16:25	12				1	Treatment			Awaiting POC	AACC	
A7 - MILTON WD	7				MEDWAY	80		07/10 02:30	26				3	None	20/10	14	Assessment required	MFT ward	
A7 - MILTON WD	8				MEDWAY	89		21/10 17:36	12				1	None	30/10	4	Furniture move - family	MFT therapy	
A7 - MILTON WD	9				MEDWAY	80		24/10 19:25	9				0						
A7 - MILTON WD	10				MEDWAY	91		07/10 22:52	26				3	None	19/10	15	Awaiting residential dementia bed	CHS Health	
A7 - MILTON WD	11				MEDWAY	88		14/09 10:45	49				3	None			Pathway to be determined	Medway Council	
A7 - MILTON WD	12				MEDWAY	77		21/07 11:15	104				3	None	20/10	14	Awaiting nursing dementia bed	Medway Council	
A7 - MILTON WD	13				MEDWAY	70		01/11 00:00	2				0						
A7 - MILTON WD	14				MEDWAY	85		01/11 17:30	2				3	None	02/11	1	Pathway to be determined	Medway Council	
A7 - MILTON WD	15				MEDWAY	83		28/10 13:55	5				1	None	02/11	1	Restart POC	Medway Council	
A7 - MILTON WD	16				MEDWAY	67		01/11 18:48	2				0						
A7 - MILTON WD	17				SWALE	83		01/11 12:14	2				0						
A7 - MILTON WD	18				MEDWAY	81		27/10 18:14	6				0						
A7 - MILTON WD	19				MEDWAY	89		04/10 16:14	29				3	None	23/10	11	Awaiting EOL bed	CHS FT	
A7 - MILTON WD	20				MEDWAY	75		21/10 17:15	12				0						

Real time reporting from EPR

fig.1 - Snip demonstrating the discharge, EDD, eDN and MFFD data from the operational pressures report. This data is pulled directly from the PTL and is updated every 10 minutes. This enables us to review our discharge position and predictions to manage discharges across the Trust. EDD and eDN compliance has improved and this visibility enable site and the divisions to review and plan.

Fig.2 - Snip from the delayed discharge report. This report pulls from the PTL and again is in real time. The report shows all discharges per discharge pathway with the top delay reasons. When in the live report we can click on the pathway and this will open the PTL for those patients enabling us to review and manage the delay. We can also click on the delay reason and again this opens the PTL for these patients

Actual Discharges		Expected Discharges		Exp. Disch. Breakdown		By Care Group					By EDN Status		
						SpecMd	TOPs	Emerg.	Surg	Other	Comp.	Disp.	NotRdy
6		45		DEF	12	0	5	1	5	1	0	6	6
				POT	33	2	6	6	17	2	0	4	29
				EDD Today	104	21	25	9	20	29	0	14	90
				EDD Tomor.	54	5	9	8	15	17	0	4	50
MFFD Patients						By Care Group					By EDN Status		
						SpecMd	TOPs	Emerg.	Surg	Other	Comp.	Disp.	NotRdy
93													
>1d 64						10	34	5	13	0	0	37	27
>7d 13						3	8	0	2	0	0	11	2
7	35	16	22	13									
p0	p1	p2	p3	unk.									

Fig.1

Current Inpatients | Live Reporting



Fig.2

In-Patient Tracker List ward view

Current Inpatients - Patient List



Last Refresh: Patients: 145 LoS 21d+: 56 NCTR: 145

Ward	Bed	PAS No	NHS No	Patient Name	District	Age	Type	Admitted	LOS	Dx. Status	Actions	EDN	Pwy	Criteria To Reside	NCTR DE	NCTR	Wait.Rsn.	Org	Dx.Fail.
A7 - MILTON WD	2				SWALE	94	Standard Bed	20/10 02:00	13				3	None	02/11	1	Palliative review needed	MCH	
A7 - MILTON WD	3				MEDWAY	89	Standard Bed	04/10 19:22	29				3	None			Assessment required	Medway Council	
A7 - MILTON WD	5				MEDWAY	77	Standard Bed	22/10 11:55	11				3	None			Assessment required	Medway Council	
A7 - MILTON WD	7				MEDWAY	80	Standard Bed	07/10 02:30	26				3	None	20/10	14	Assessment required	MFT ward	
A7 - MILTON WD	8				MEDWAY	89	Standard Bed	21/10 17:36	12				1	None					
A7 - MILTON WD	15				MEDWAY	83	Standard Bed	28/10 13:55	5				1	None					
A7 - MILTON WD	19				MEDWAY	89	Standard Bed	04/10 16:14	29				3	None					
A7 - MILTON WD	23				MEDWAY	93	Standard Bed	27/09 18:30	36	Potential			3	None					
A7 - MILTON WD	28				MEDWAY	91	Side Room	28/10 00:37	4				3	None					
ARETHUSA WARD					MEDWAY	45	Standard Bed	30/10 17:05	4	Definite			0	None					
BRONTE WD	8				MEDWAY	83	Standard Bed	20/10 00:00	13	Potential - Today			0	None	02/11	1	EDN	MFT ward	
BYRON WARD	1				MEDWAY	89	Standard Bed	09/10 23:55	24				3	None	25/10	9	Awaiting EOL bed	CHS PT	
BYRON WARD	4				MEDWAY	78	Standard Bed	23/10 18:30	10				3	None	26/10	8	Assessment required	Medway Council	
BYRON WARD	8				MEDWAY	87	Standard Bed	21/09 01:50	42				3	None	20/10	14	Awaiting residential bed	Medway Council	
BYRON WARD	10				MEDWAY	79	Standard Bed	27/08 10:12	67				3	None	20/10	14	Awaiting residential bed	Medway Council	
BYRON WARD	11				MEDWAY	70	Standard Bed	19/10 00:00	14	Definite			3	None	25/10	9	Awaiting nursing bed	MCH	
BYRON WARD	12				MEDWAY	72	Standard Bed	14/09 17:54	49				3	None	22/10	12	Awaiting EOL bed	CHS PT	
BYRON WARD	13				TONBRIDGE AND	90	Standard Bed	06/10 23:37	27				1	None	30/10	4	Equipment	MFT therapy	
BYRON WARD	14				SWALE	92	Standard Bed	10/08 18:55	84				2	None	09/10	25	Awaiting neuro rehab bed	MFT therapy	
BYRON WARD	18				MEDWAY	90	Standard Bed	19/10 00:00	14				1	None	25/10	9	Therapy assesment	MFT therapy	
BYRON WARD	23				MEDWAY	91	Standard Bed	18/10 00:00	15				0	None					
BYRON WARD	24				MEDWAY	83	Standard Bed	11/10 14:30	23	Definite - Today			1	None					
DISCHARGE LOUNGE	01				MEDWAY	91	Standard Bed	12/10 10:41	22	Potential			2	None					
DISCHARGE LOUNGE	02				MEDWAY	84	Standard Bed	20/10 06:11	13	Definite - Today			1	None					
DISCHARGE LOUNGE	03				GRAVESHAM	94	Standard Bed	14/10 00:00	20	Definite - Today			3	None					
DISCHARGE LOUNGE	04				SWALE	94	Standard Bed	19/10 10:50	15				1	None					
DISCHARGE LOUNGE	05				GRAVESHAM	71	Standard Bed	15/10 13:40	18	Definite			1	None					
EMERALD SHORT STAY WARD	3				SWALE	75	Standard Bed	27/10 15:06	6				1	None					
EMERALD SHORT STAY WARD	5				MEDWAY	80	Standard Bed	21/10 06:35	12				2	None					
EMERALD SHORT STAY WARD	6				MEDWAY	94	Standard Bed	23/10 10:28	10				1	None	26/10	8	Equipment	Kyndi	
EMERALD SHORT STAY WARD	13				SWALE	87	Standard Bed	16/10 11:26	17				0	None			Therapy assesment	MFT therapy	
EMERALD SHORT STAY WARD	15				MEDWAY	82	Standard Bed	29/10 23:00	4				1	None	02/11	1	EDN	MFT ward	
EMERALD SHORT STAY WARD	24				MEDWAY	83	Standard Bed	18/10 00:00	15				3	None	25/10	9	Assessment required	Medway Council	
EMERALD SHORT STAY WARD	4A				MEDWAY	94	Standard Bed	27/10 17:23	6				1	None	02/11	1	TTO	MFT ward	
EMERALD SHORT STAY WARD	4A				MEDWAY	84	Standard Bed	20/10 08:17	3				1	None	21/10	1	Awaiting DC	Medway Council	

eDN status

- Not started
- eDN started but medications not complete
- Complete and pharmacy to supply TTO – authorised
- Complete and pharmacy to supply TTO – rejected
- Complete

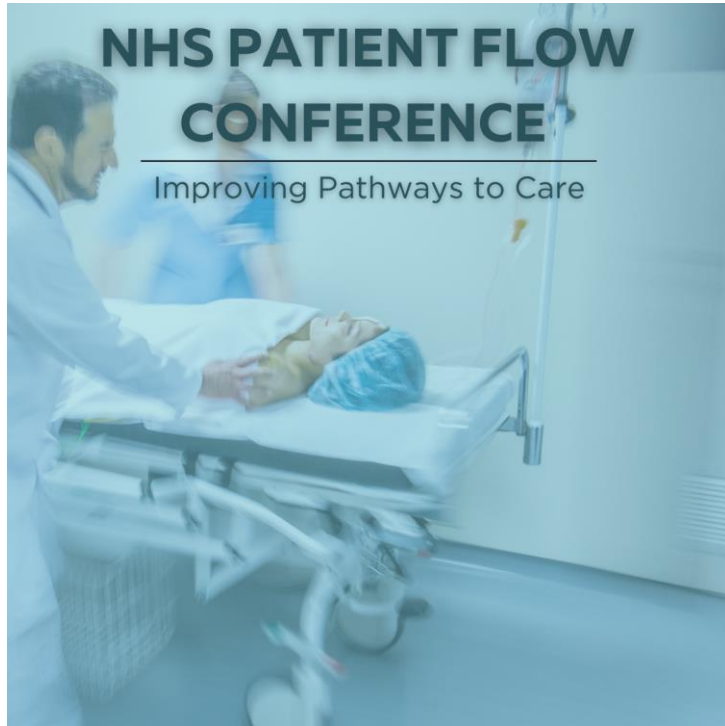
20/10/23 – TOC Completed sent to LA
 23/10/23 – AX Coper Beaches NH
 24/10/23 – Copper Beaches declined
 25/10/23 – AX Charing House
 25/10/23 – CT Scan revealed NAD, can be DC to Charring House
 27/10/23 – Family concerns re capacity and safety requesting Amhurst Court
 01/11/23 - Medway Council have advised there is a family disagreement regarding placement and discharge plans

- Maximise 'dropbox' opportunities to continue to remove idle bed time
- Further improve 'occupied timer' to move patients even quicker to clean beds
- Synapse Dashboards (live and interactive data for continuous improvement)
- Interfacing between TeleTracking / EPR to show Electronic Discharge Notification and To Take Out (TTO) status to remove delays
- Community Placement – visibility of community bed capacity / discharges
- Implement improvement huddle board in team area to monitor successes and smaller scale issues

Thank You

Tracy.stocker1@nhs.net





Patient experience panel discussion



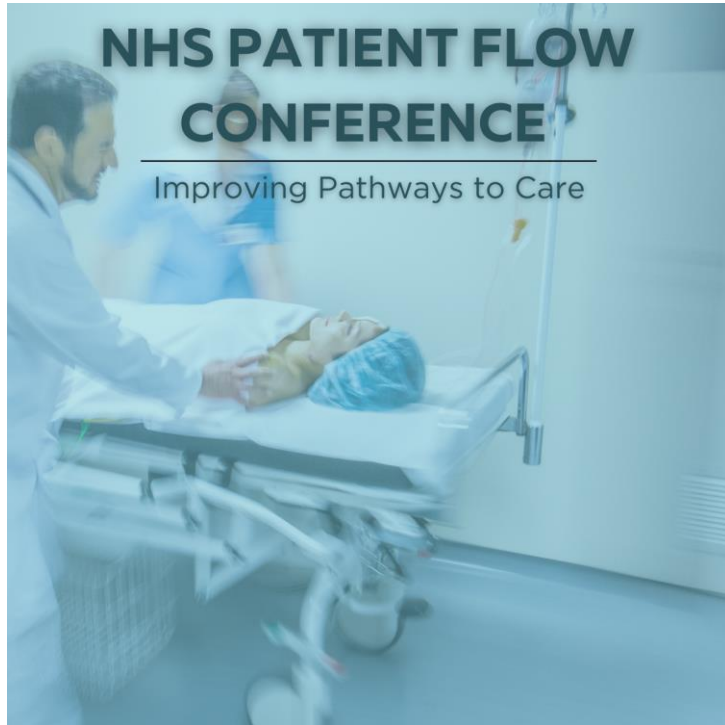
Andrew Stradling
Chief Medical Officer |
NHS LPP Medical
Director - NHS LPP and
M&S H&CP



Mr Andy Swinburn
Executive Director of
Paramedicine - Welsh
Ambulance Services NHS
Trust



Chris Johnson
Head of Patient Experience
& Engagement -
Northampton General
Hospital



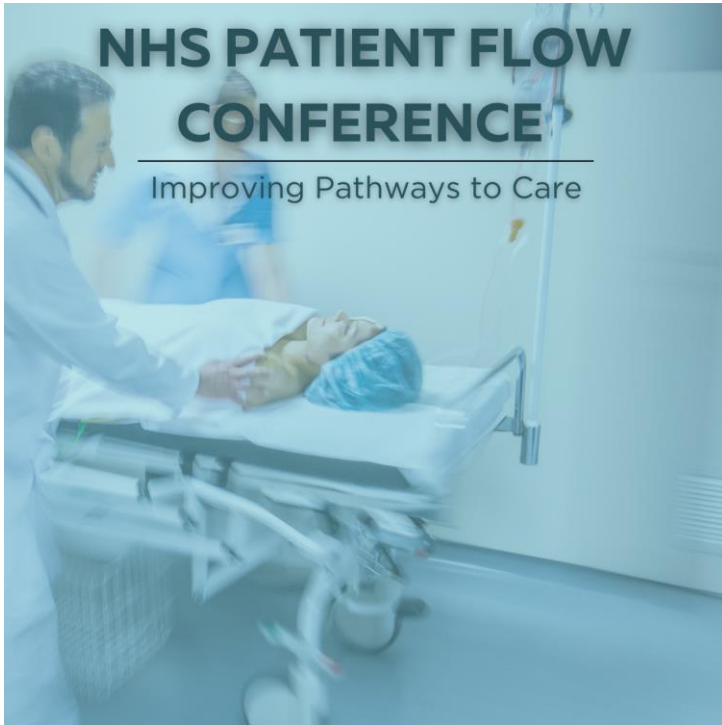
Case Study



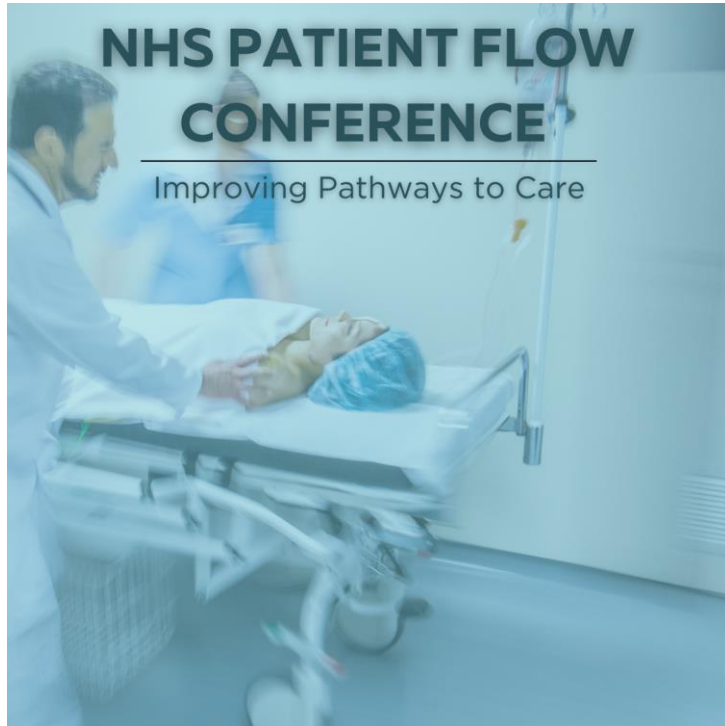


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Speaking Now...



Julian Mount
Business Development Manager
RLDatix

Case Study - Improving Patient Flow by Digitising the Procurement of Non-Emergency Transport

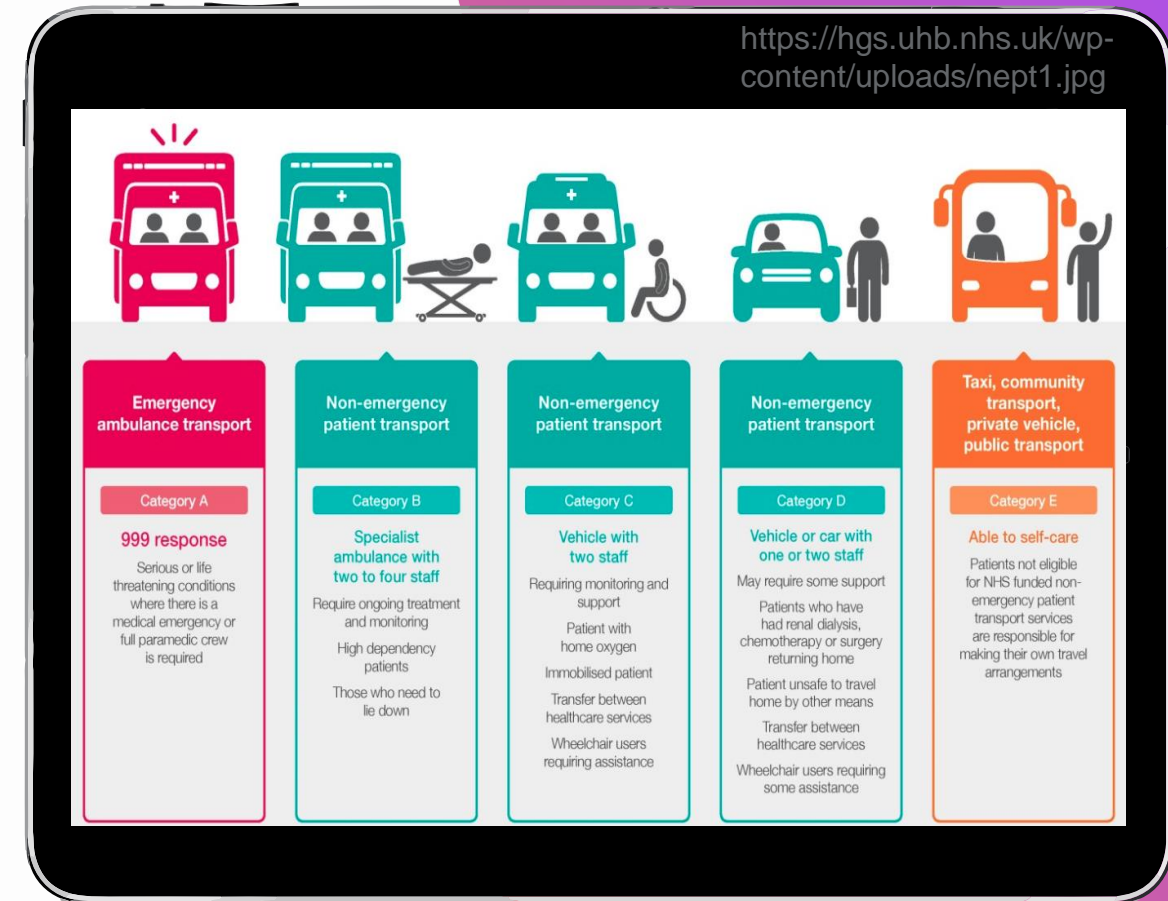
Allocate Transport Marketplace

Version 1 July 2024

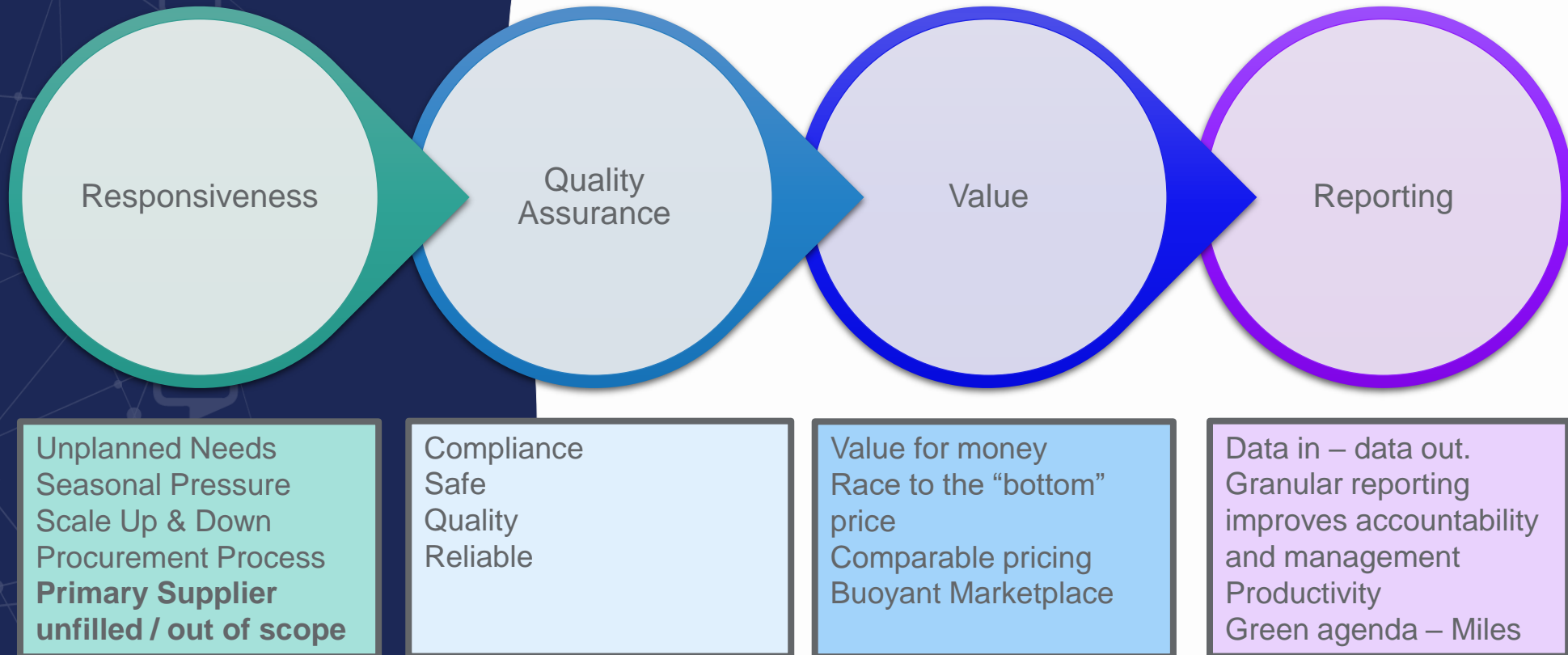


Patient Flow & Transport

- Patient experience doesn't begin and end at the door
- Multiple studies looking at system-wide review and addressing “bottlenecks” *
- Delays in discharge occur:**
 - obtaining assessments of post-acute care needs
 - organising and coordinating any care and support needed, or in organising a discharge to assess pathway
 - **organising discharge itself – transport**
- Transfer delays cause poorer health outcomes and increase costs
 - 10% Journeys unfilled



Challenges with Patient Transport



What is DPS? (Transport Marketplace)



Free for the NHS to use
with minimal setup required



Easy set up - can be
mobilized within 24 hours



No fixed contract, use it
when you need it



Full control in running
competitions for shifts/journeys



Suppliers will meet the relevant
NHS frameworks (LPP)



Supports the NHS's
sustainability goals



Only suppliers who meet
your criteria will be allowed
to bid



On-boarding and
post-mobilization support
available



Created a fair and
competitive environment for
buyers and providers



Rigorous vetting and
compliance process
conducted on providers



Audit trail and reporting
capabilities which assist with
invoicing



You'll be helping local
businesses within the area

Sheffield Teaching Hospital & DPS (Transport Marketplace)

The Challenges

- Sheffield Teaching Hospital
 - 5 sites, Small Geography, Specialist Centre (AE at one site)
- 12-hour Trolley Breaches (AE)
 - Moving patients to correct speciality
 - Unnecessary overnight stays
- Major Incident
 - General resilience (2/3 suppliers)
 - Managing providers
- Understanding need
 - Standard process slow (6 Months)
 - Volume of people
 - Finance, procurement, operations

The Solution

- The implementation of a DPS
- Responsive access to needed resource
 - 12 Hour breaches reduced
 - Reduction in overnight stays
- Increased resilience
 - Bigger pool of providers
 - Efficiency savings in contract management
- Scale up and scale down when needed
 - Demand-based provision
 - More patients moved
- Getting the right provision to the right place at the right time

Headline numbers

Results after 10 months

£198,000 savings in additional bed stay

1,129 Patients avoiding 12-hour trolley breach

1,567 Patients being transferred to appropriate speciality – better outcomes, shorter stay

Resource reallocation 2 full-time members of staff





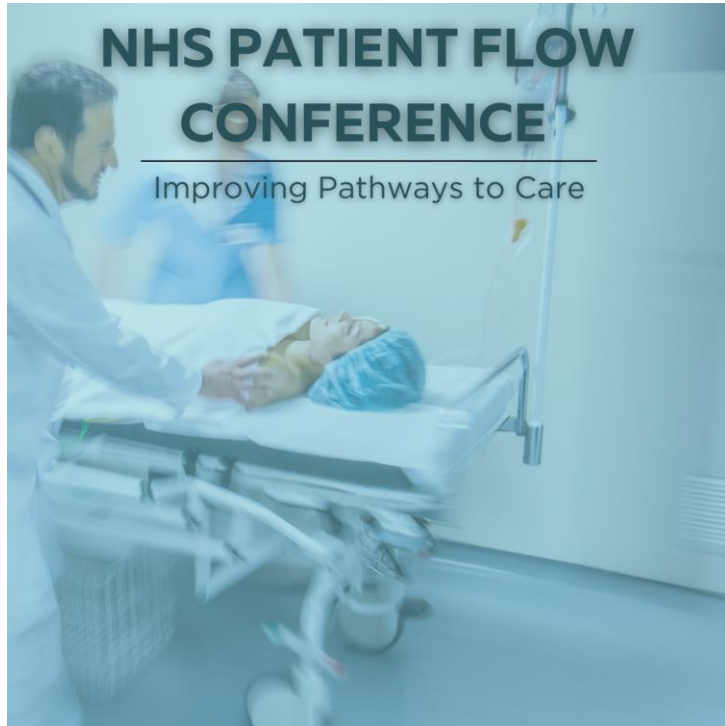
Summary

Non-emergency patient transport plays a vital role in patient flow

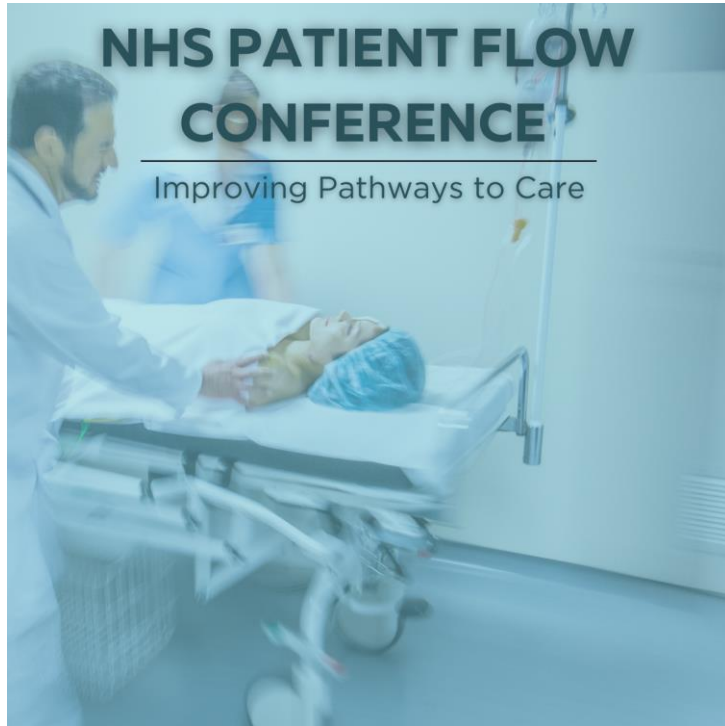
A dynamic purchasing system (Transport Marketplace) is a vital tool for responding to transport demand

New concept – Improve patient flow, access compliant providers, collect data and reduce costs

Questions



Refreshments & Networking

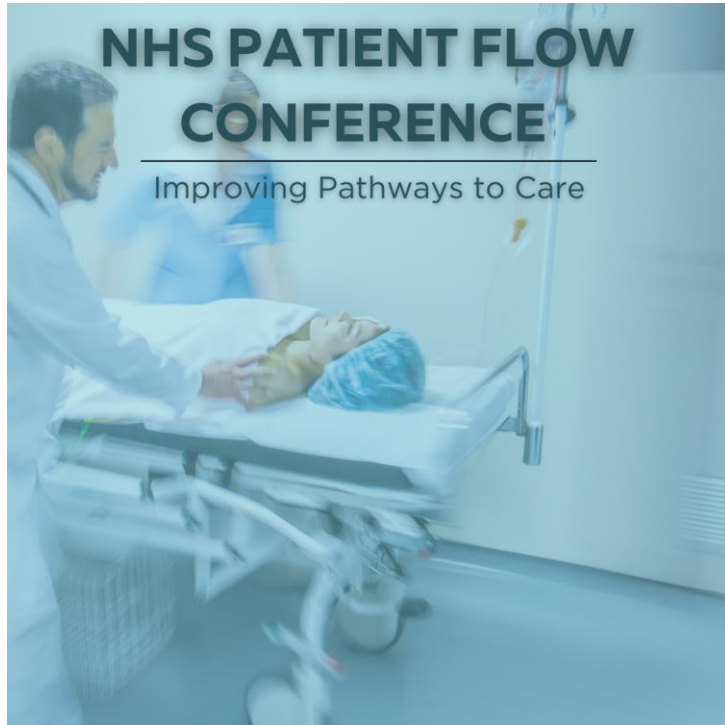


Chair Opening Address



Kelly Bishop

Assistant Director of Nursing and Urgent Care
Midlands and Lancashire Commissioning Support
Unit (MLCSU)



Case Study...

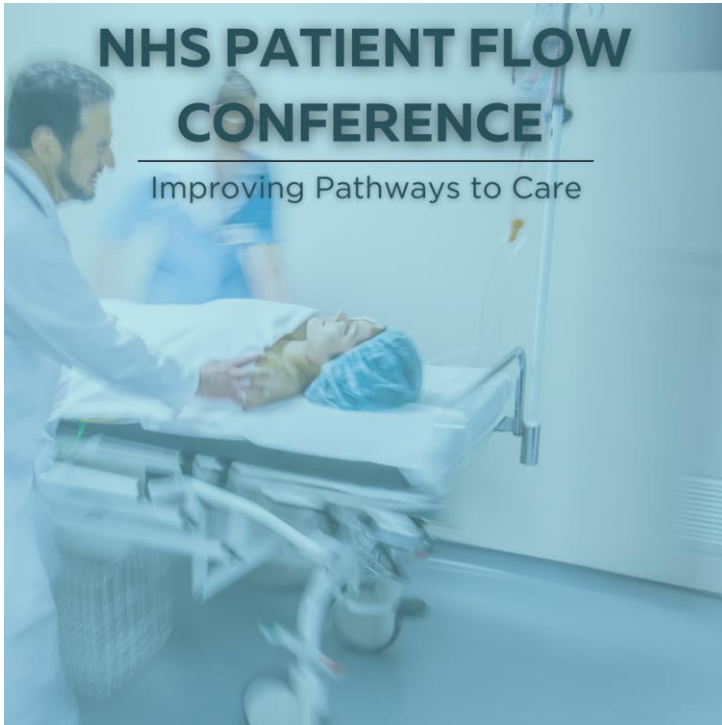


DNV Imatis

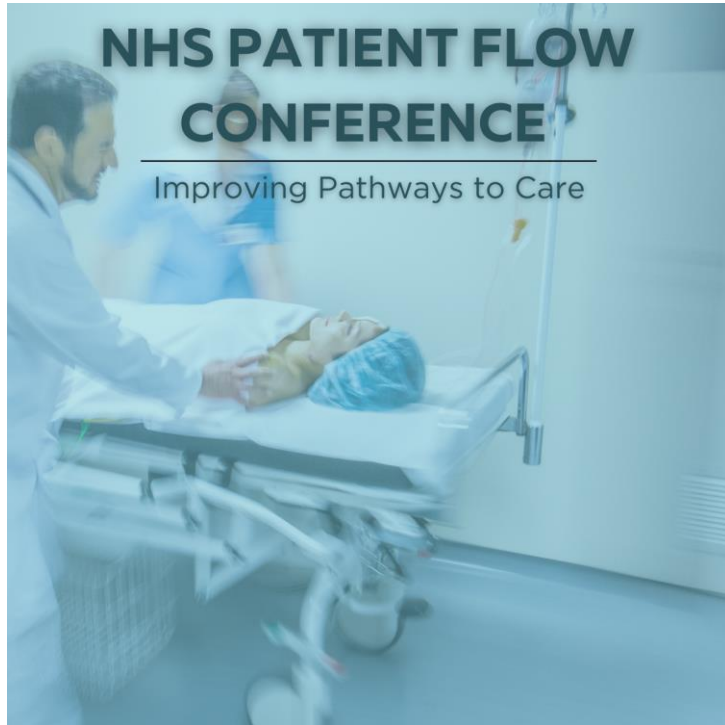


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Speaking Now...



Johan Folkunger
CEO - DNV Imatis



Michael Fjeldstad
Solutions Consultant
DNV Imatis

Boosting Productivity: The Impact of Sustainable Care and Electronic Bed & Capacity Management

Christopher Betts, Business development and sales leader
Michael Fjeldstad, Solutions Consultant

Improving
productivity
in healthcare
operations
by 20%





Working tools

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	Unit	ED	ICU 2nd flr	L&D	NICU	Mom Baby	4th Floor	Cardio	Med Surg	Ped-Med									
1		Rm	Status	Rm	Status	Rm	Status	Rm	Status	Rm	Status	Rm	Status	Rm	Status	Rm	Status	Rm	Status
2		1	D/T702	201	D/T	301	ES	1	ES	301	ES	401	ES	501	M	601	BA		
3	A-Available	2	M	202	M	302	F	2	M	302	F	402	M	502	A	602	BA		
4	BA-Assigned	3	M	203	M	303	F	3	M	303	F	403	M	503	M	603	M		
5	D/C-Discharge	4	A	204	F	304	F	4	F	304	F	404	F	504	F	604	F		
6	D/L - Likely	5	M	205	M	305	F	5	M	305	F	405	M	505	M	605	M		
7	D/P-Pending	6	F	206	F	306	F	6	F	306	F	406	F	506	F	606	F		
8	D/T-Transfer	7	D/T502	207	F	307	F	7	F	307	F	407	F	507	F	607	F		
9	ES-Cleaning	8	M	208	M	308	F	8	M	308	F	408	M	508	M	608	M		
10	HK-Housekeeper	9	M	209	M	309	F	9	M	309	F	409	F	509	M	609	M		
11	NS - No Staff	10	A	210	F	310	F	10	F	310	F	410	M	510	F	610	M		
12		11	A	211	M	311	F	11	M	311	F	411	M	511	M	611	T	D/L	
13	F-Female	12	A	212	M	312	F	12	M	312	F	412	M	512	D/C	612	T	M	
14	M-Male	13	M			313	F	13	M	313	F	413	M	513	M	613	M		
15	P - Ped	14	M			314	A	14	M	314	A	414	M	514	M	614	M		
16		15	M			315	A	15	M	315	A	415	M	515	M	615	M		
17	T-Tele	16	M			316	A	16	M	316	A	416	M	516	M	616	M		
18		17	M			317	A	17	M	317	A	417	M	517	M	617	M		
19		18	A			318	F	18	M	318	F	418	M	518	M	618	M		
20		19	F			319	F	19	M	319	F	419	M	519	M	619	M		
21		20	F			320	F	20	M	320	F	420	M	520	M	620	M		
22		21	M			321	F	21	M	321	F	421	M	521	M	621	M		
23		22	M			322	F	22	M	322	F	422	M	522	M	622	M		
24		23	M			323	F	23	M	323	F	423	M	523	M	623	M		
25		24	M			324	F	24	M	324	F	424	M	524	M	624	M		
26		25	M			325	F	25	M	325	F	425	M	525	M	625	M		
27		26	M			326	F	26	M	326	F	426	M	526	M	626	M		
28		27	M			327	F	27	M	327	F	427	M	527	M	627	M		
29		28	M			328	F	28	M	328	F	428	M	528	M	628	M		
30		29	M			329	F	29	M	329	F	429	M	529	M	629	M		
31		30	M			330	F	30	M	330	F	430	M	530	M	630	M		



Patient List

5W MedSurg 12345; 12345 Census: 14

	Patient Name	Account #	Room/Bed
1	JAMES, WILLIAM	00000000001	530/B
2	KATHIE, BEATRICE	00000000002	513/A
3	BARKER, ROBERT	00000000003	504/A
4	BONADUCE, DANIELLE	00000000004	507/B
5	BOUCHER, ROBERT	00000000005	515/B
6	CHAMBER, DUSTIN	00000000006	507/A
7	FINLEY, CHARLOTTE	00000000007	504/B
8	HEDENBERGER, BRENDA	00000000008	508/A
9	JONES, MARTHA	00000000009	502/B
10	KENDALL, BRUCE	00000000010	516/B
11	MCDONALD, BOB	00000000011	513/B
12	MONARCH, ANNETTE	00000000012	501/A
13	PEDDYBORN, ARTHUR	00000000013	501/B
14	WATSON, REBECCA	00000000014	503/A

Page 1 of 1 Report Date: 08/22



Time-consuming process



The impact of lack of overview



The impact of clarity and overview



Care synchronised



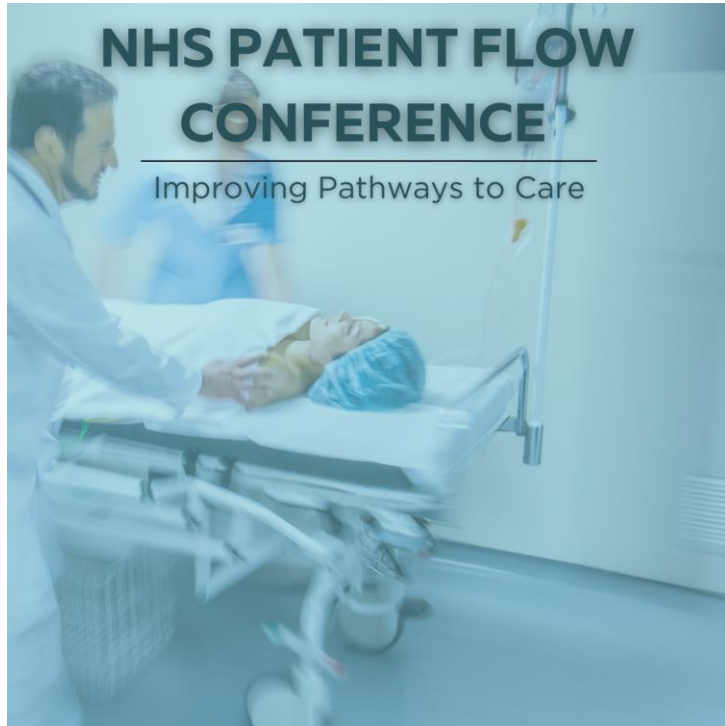
Bed Management at Østfold Hospital, Norway



Learn more about our eBCMS solution



Thank you.



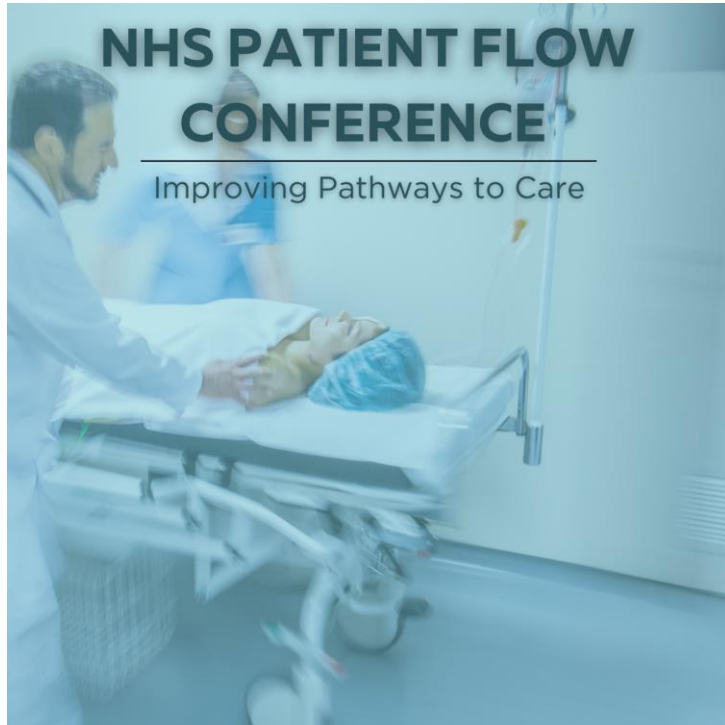
Case Study...



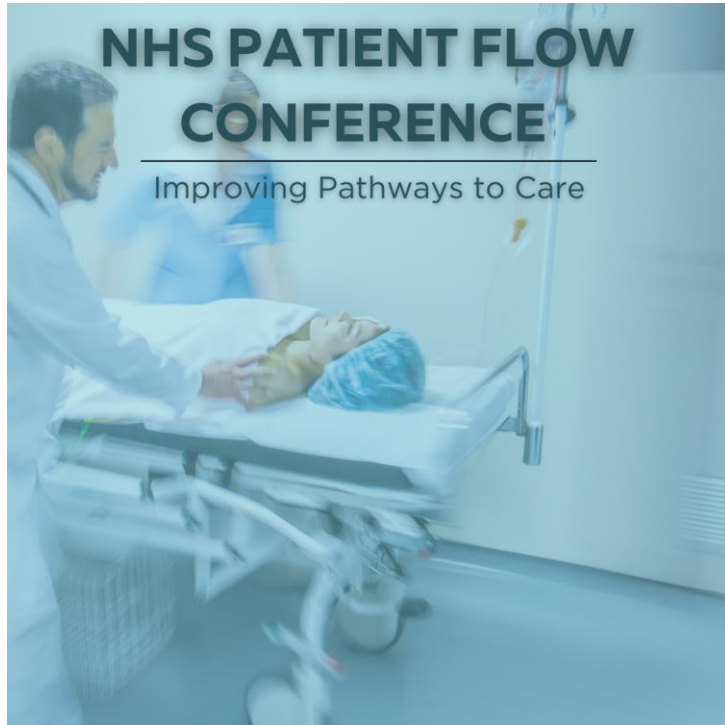


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SCAN ME



Speaking Now...



Mr Andy Swinburn

Executive Director of Paramedicine
Welsh Ambulance Services NHS Trust

Welsh Ambulance Services University NHS Trust

The Role of the Ambulance Service in a Community Based Setting



GIG
CYMRU
NHS
WALES

Ymddiriedolaeth Brifysgol GIG
Gwasanaethau Ambiwylans Cymru
Welsh Ambulance Services
University NHS Trust

Patient Flow Conference
2 July 2024

by Andy Swinburn
Executive Director of Paramedicine



How do we perceive the role of the ambulance service?





Traditional Service Model

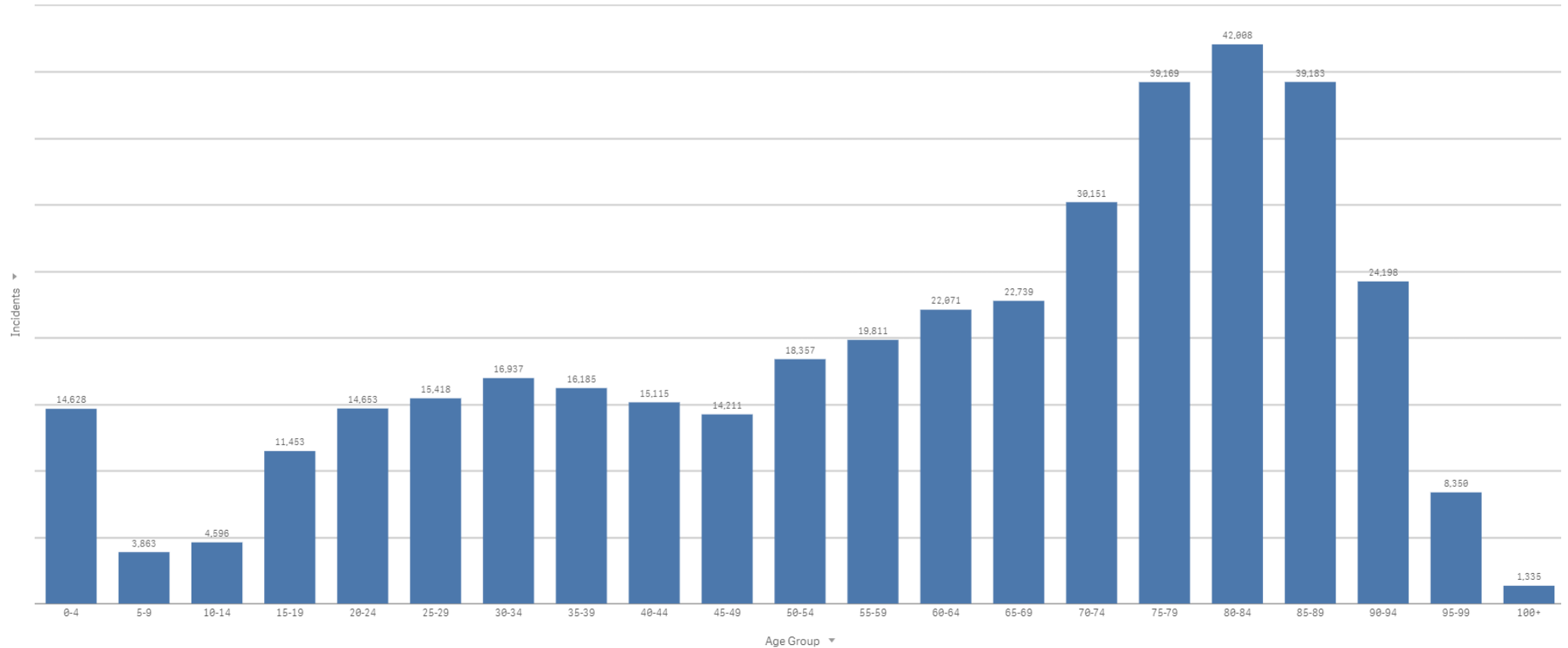
The current service model is no longer fit for purpose

- Fails to distinguish emergency (now) and urgent (soon) care
- 'One size fits all approach'
- System overwhelmed with urgent but not emergency presentations
- Need to be more judicious in using our resources
- Dependence on 'pathways' too unreliable and inefficient
- Greater use of clinical data & front-end clinical triage
- Role for the ambulance service in delivering this



999 Activity – who Calls?

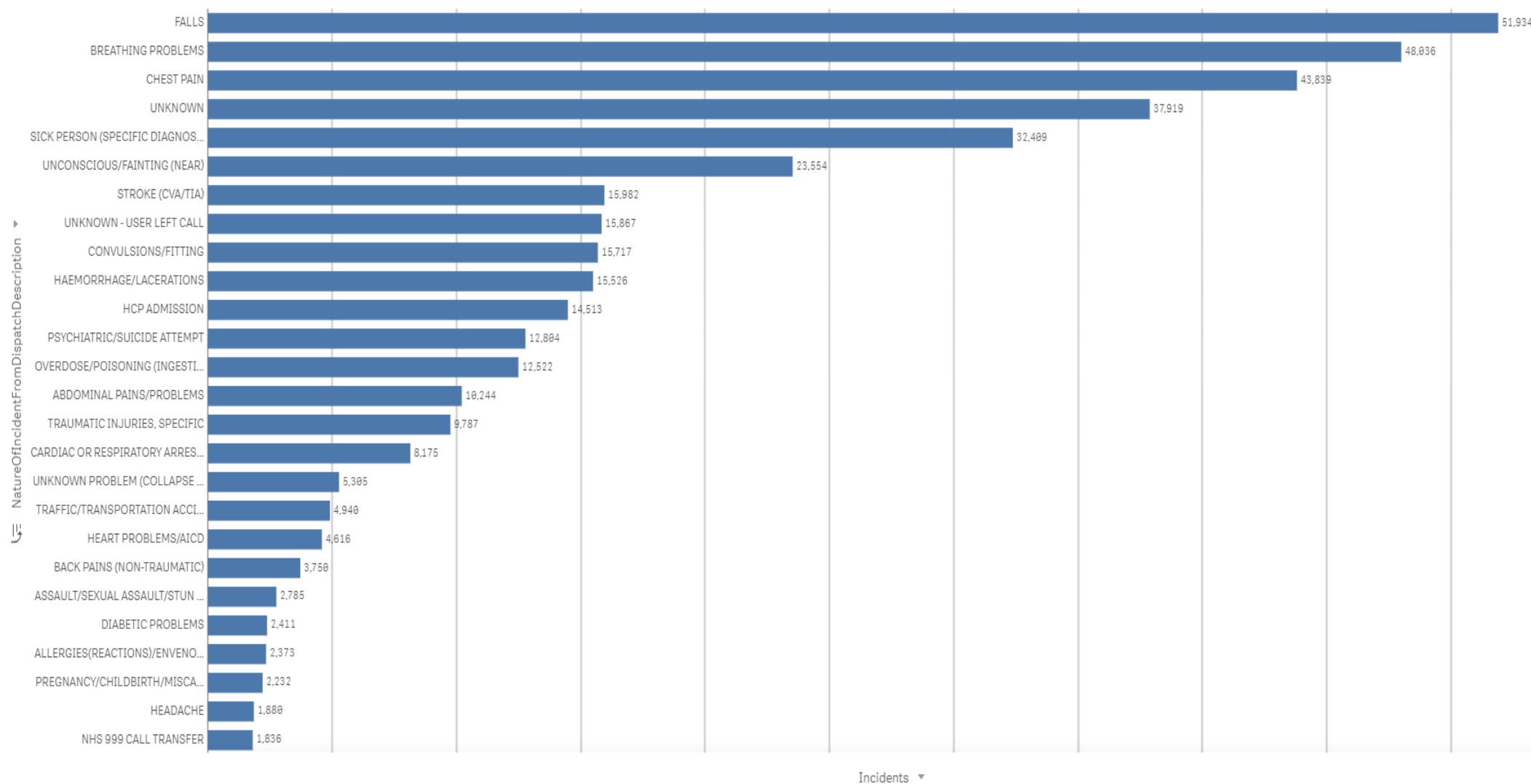
999 activity by Age - 2023



999 Activity – how do they present?



999 activity by presenting condition - 2023

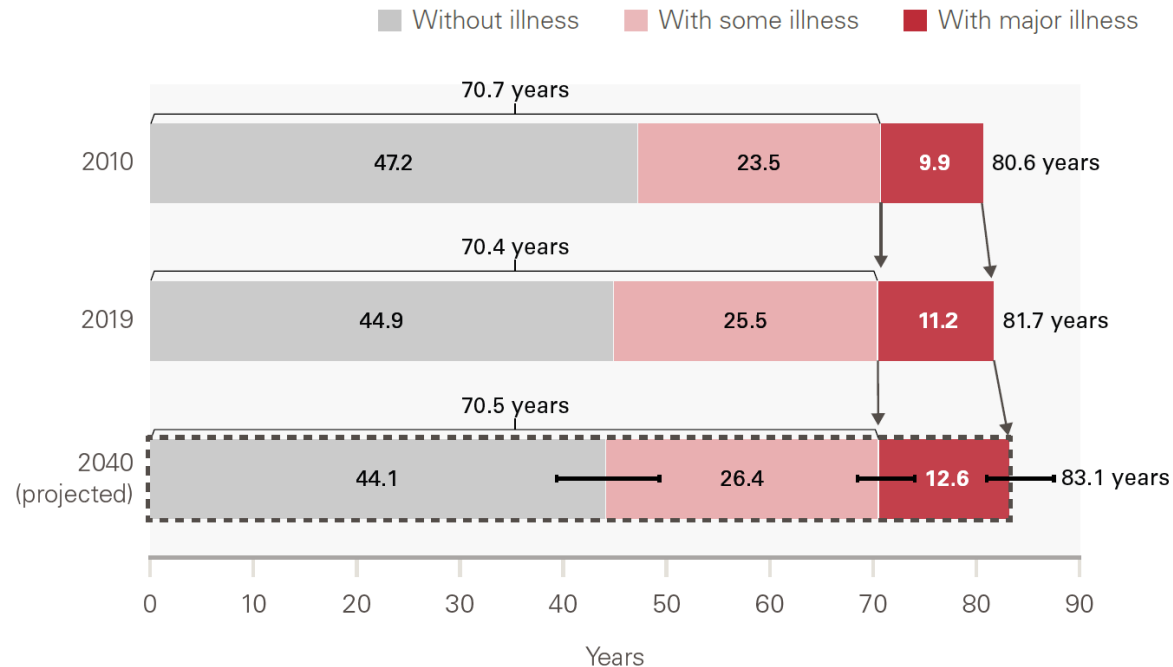




Our Changing Population - 2040 projections

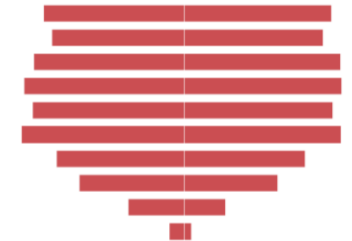
- Life expectancy will increase
- Living with major illness remains at 70 years
- Number of people living with a major illness will increase by 2.5m (more than a third)

Figure E1: Average years of life people spend in different states of ill health, England, 2010, 2019 and projected for 2040



REAL Centre
Health in 2040: projected
patterns of illness in England

Insight report • July 2023
Toby Watt, Ann Raymond, Laurie Rachet-Jacquet,
Anna Head, Chris Kyriakides, Elaine Kelly,
Anita Charlesworth



 The
Health
Foundation



An Illustration

Chest Pain

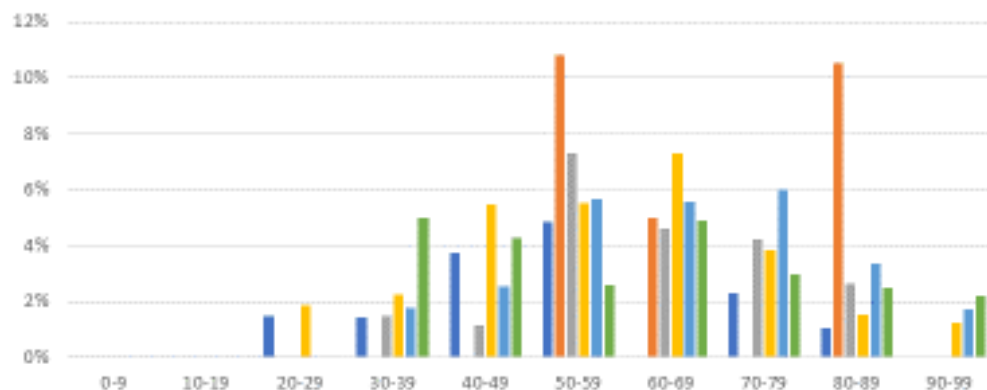
- Call taking outcome = high priority
- Primary care redirect to 999
- Low or limited options within the community
- High volume call
- High % conveyance
- Limited opportunity to H&T



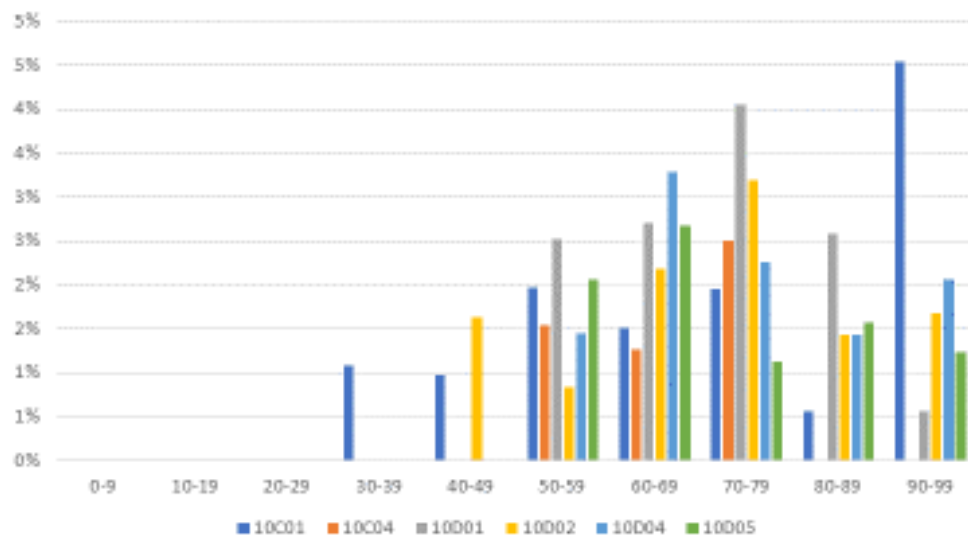
How do our patients present?



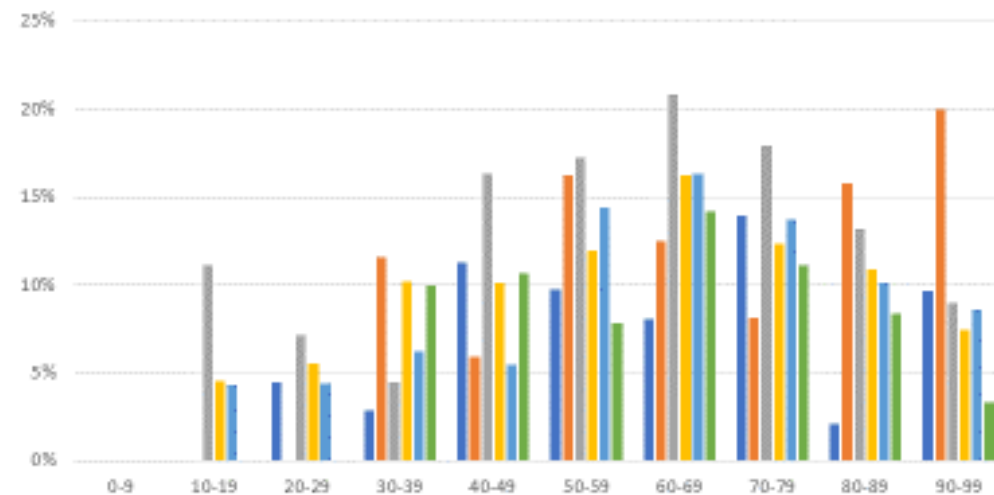
% of Incidents ECG HRM by Age and MPDS Code (Male)



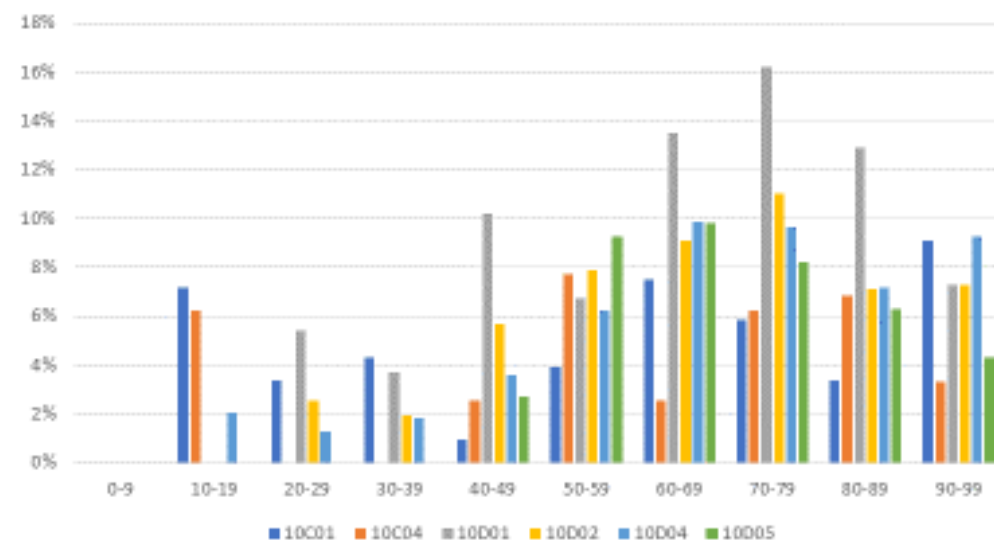
% of Incidents ECG HRM by Age and MPDS Code (Female)



% of Incidents HRM by Age and MPDS Code (Male)

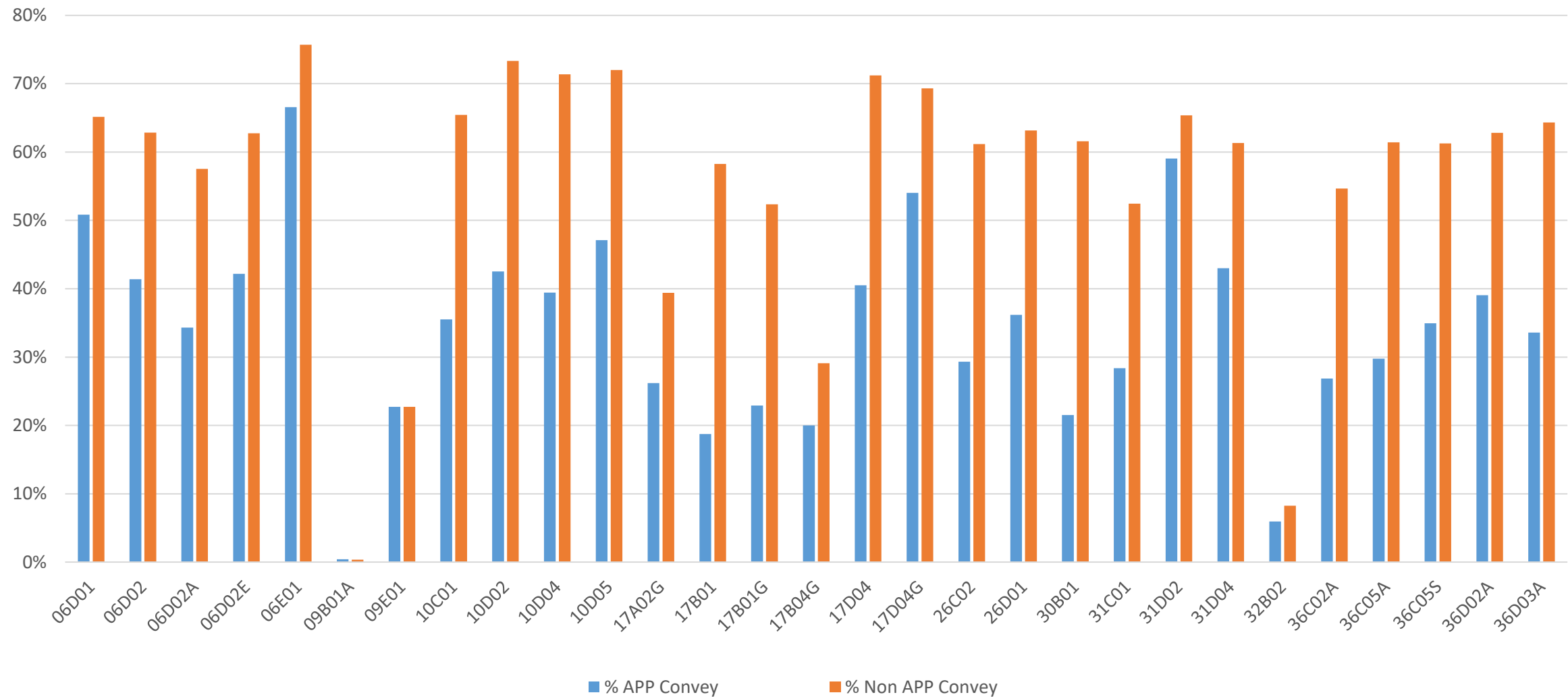


% of Incidents HRM by Age and MPDS Code (Female)



The Impact of Advanced Paramedic Practice

APP Attended Calls Top 30 Codes - APP Conveyance -v- Non APP Conveyance





Urgent Care – Why the Ambulance Service?

- Our trusted brand
- Our USP as regional/nationwide providers
- Paucity of alternatives
 - Not 24/7
 - Too risk averse
 - Require F2F assessment
 - Lack of consistency
 - Variable by time of day and day of week
 - Workforce variability
- They're coming our way already, it's the majority of our activity



Addressing patient flow

- The 1970s model of ambulance service provision no longer meets the needs of our community
- Opportunity to refocus the ambulance service to play a major role in managing flow by being a community provider
- Ensuring ambulance availability for those incidents where emergency response and transport is the only option
- Paramedicine, as the majority clinical profession, can serve this need extremely well

Thank you for listening

E: andy.swinburn@wales.nhs.uk



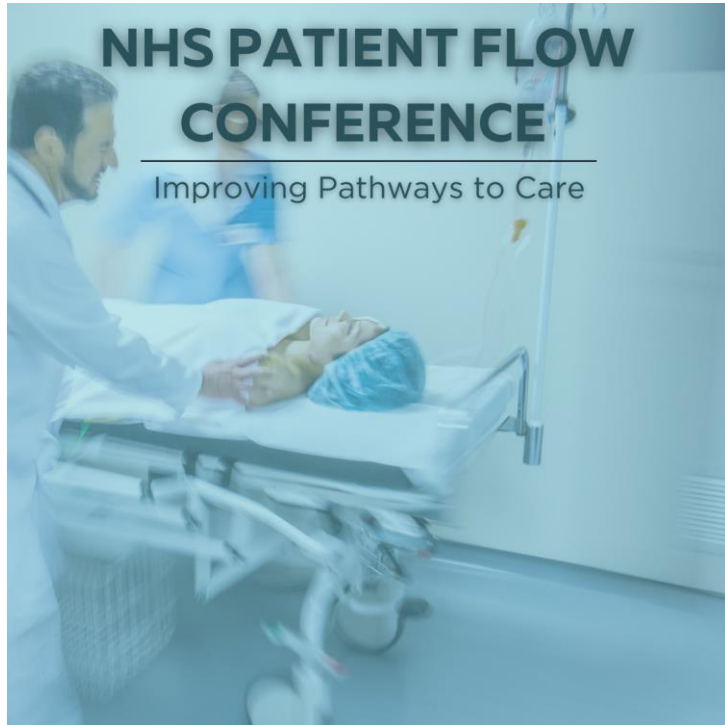
@AndySwinburnQAM



GIG
CYMRU
NHS
WALES

Ymddiriedolaeth Brifysgol GIG
Gwasanaethau Ambiwylans Cymru
Welsh Ambulance Services
University NHS Trust

Patient Flow Conference



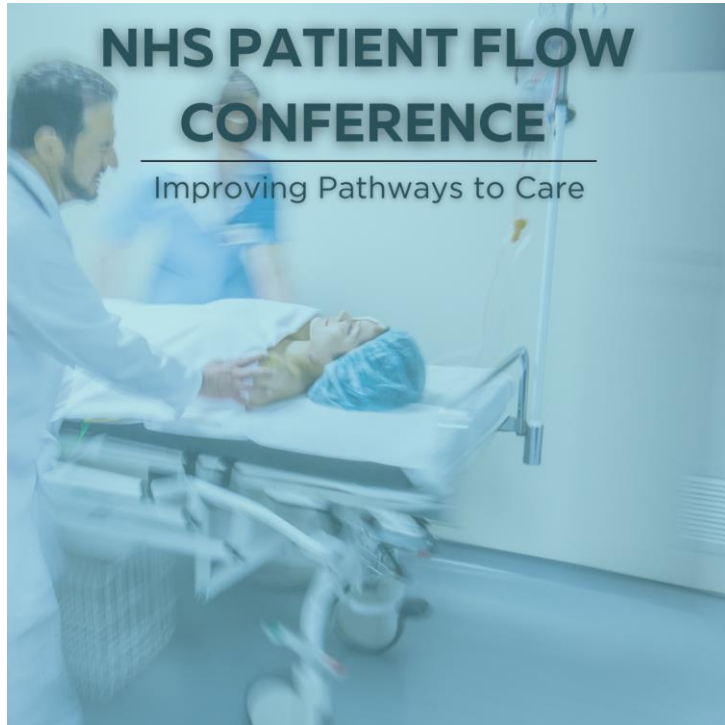
Case Study...



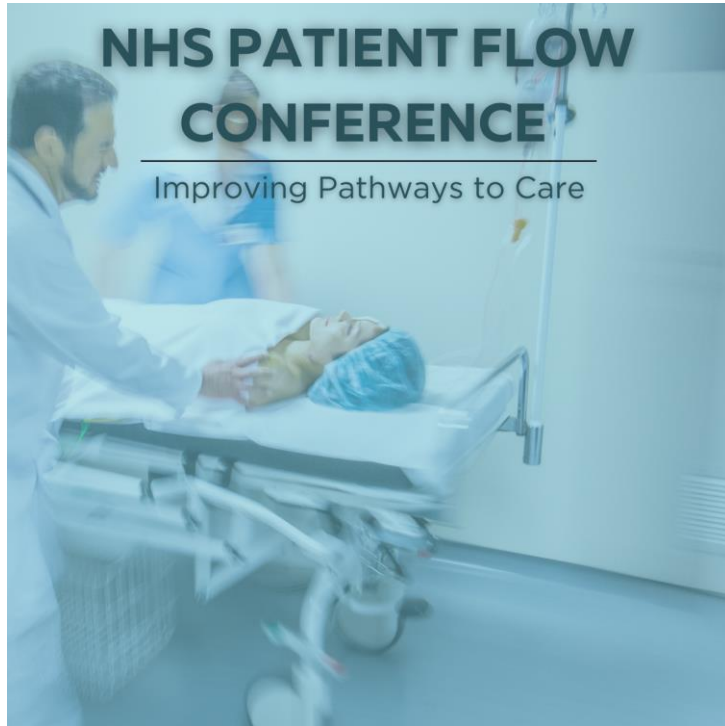


Slido

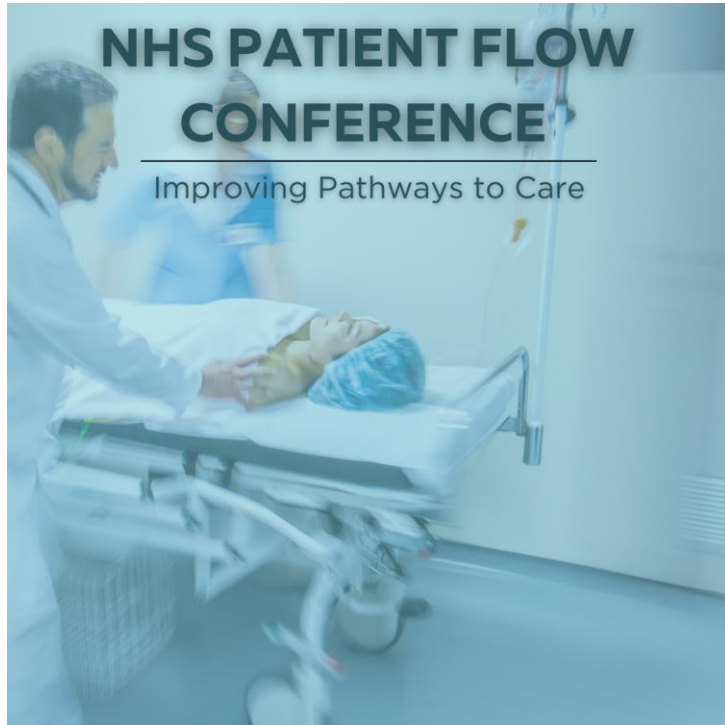
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SCAN ME



Lunch & Networking



Case Study...

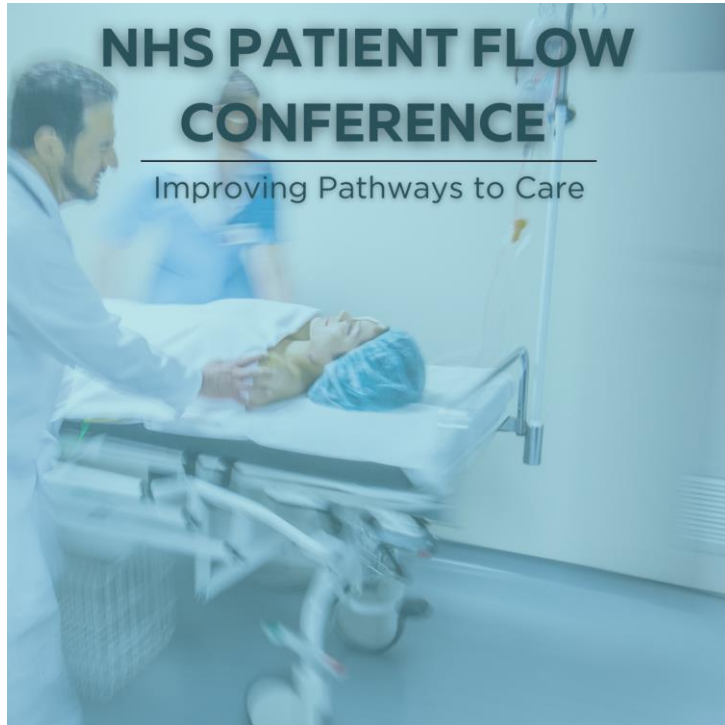


HealthPathways
Community

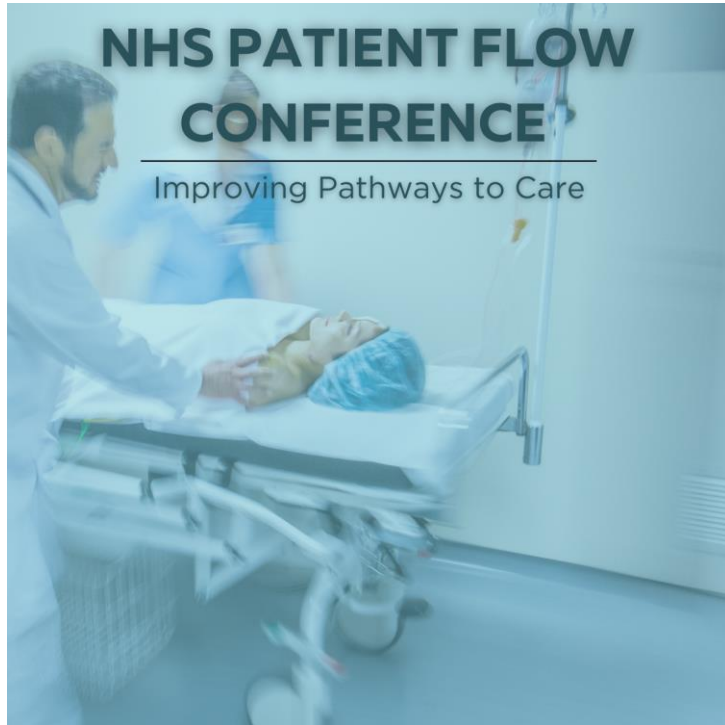


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SCAN ME



Speaking Now...



Dr David Hambleton
Managing Director
Pathways Alliance Limited



HealthPathways
Community

Can standardised pathways reduce waiting time for patients?

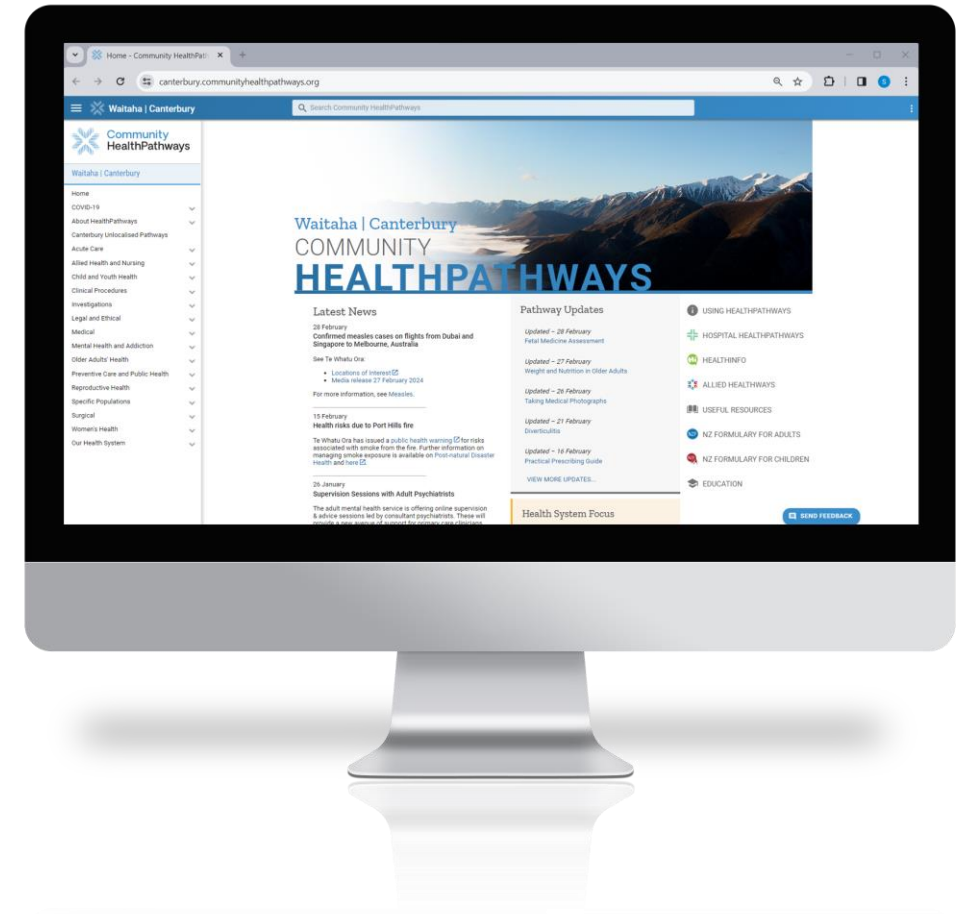
TUESDAY 2ND JULY 2024

The problem



So, what is it?

- Methodology for getting agreement on **how we do things** around here today
- An **international community** of collaborators
- Pathways are developed as a **collaboration** between generalists and specialists
- Online **clinical guidance** used at the point of care



What is it for?

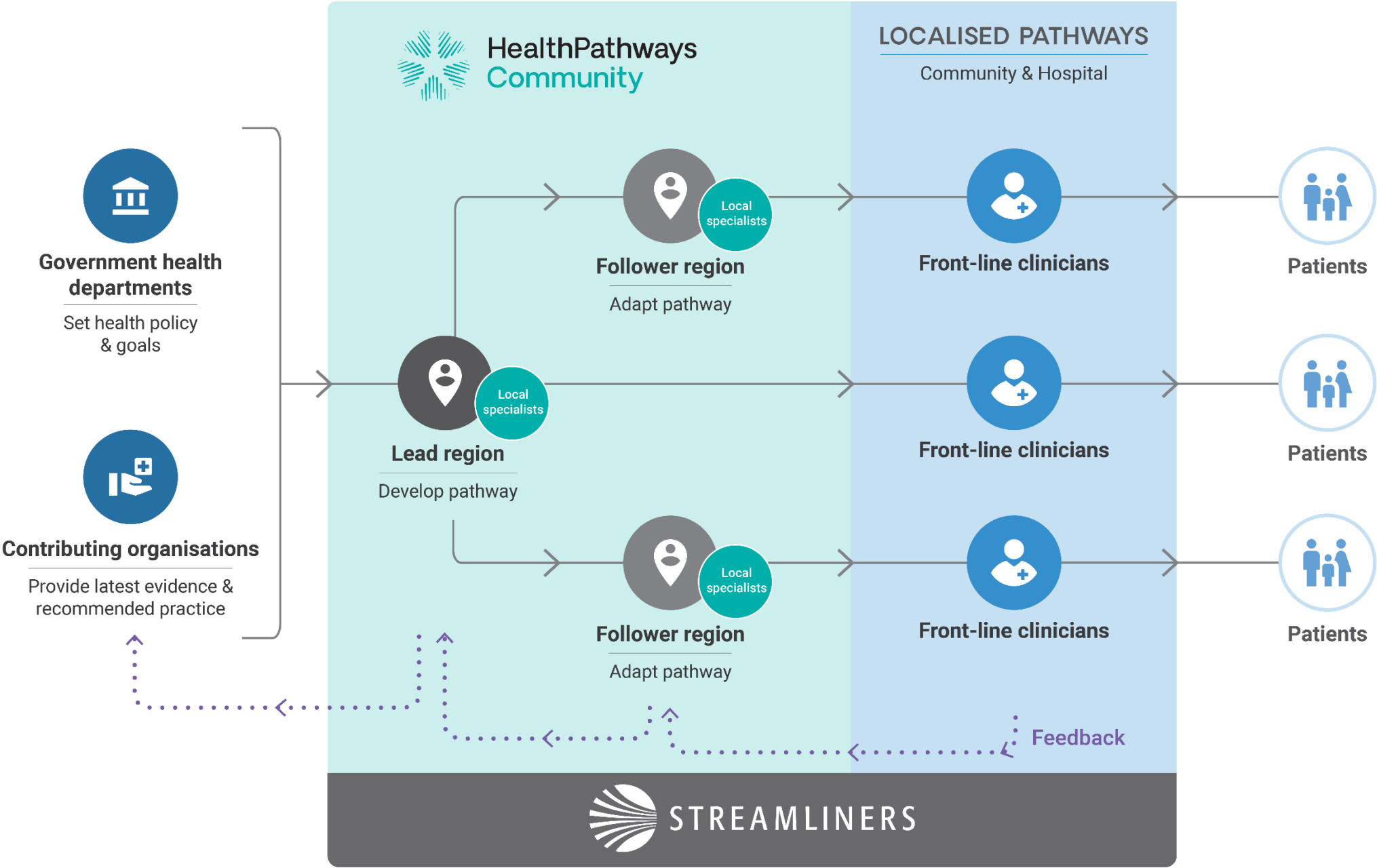
HealthPathways promotes:

- Clinical engagement, collaboration, and agreement
- Standardisation
- Better informed decisions at the point of care
- Rapid translation of national policy and guidance into local practice
- Service development and improvement, using feedback loops to improve pathways

HealthPathways reduces:

- Unwarranted variation in care
- Wasted patient and clinical time
- Uncertainty between clinicians about how a patient should be managed

Getting policy into practice at scale



One pathway, two views



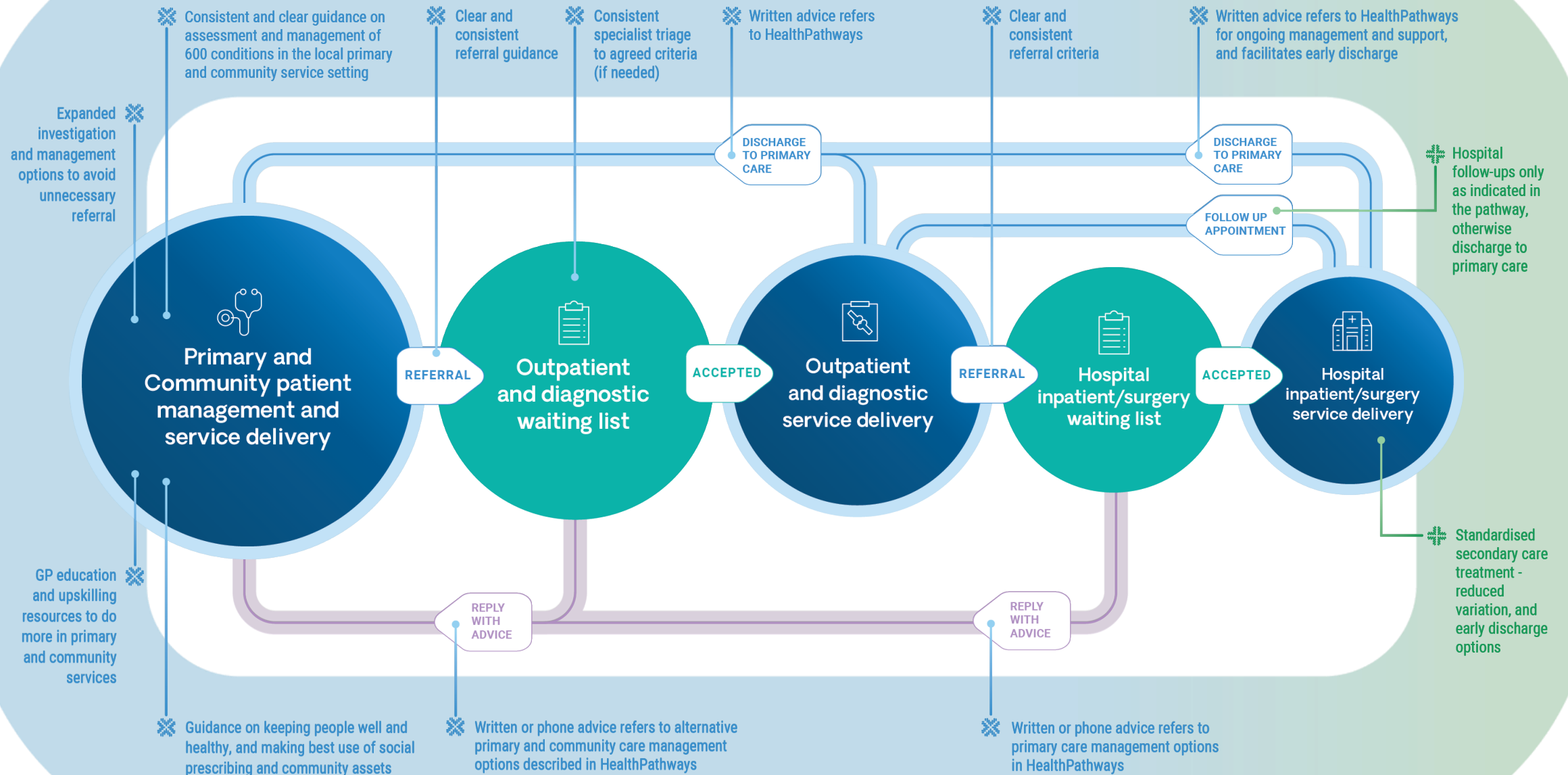
Community
HealthPathways



Hospital
HealthPathways

Impact across the system

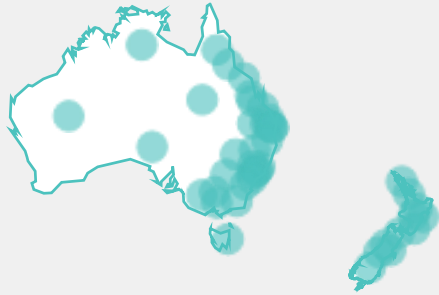
HEALTHPATHWAYS WRAPAROUND SUPPORT



HEALTHPATHWAYS WRAPAROUND SUPPORT

The HealthPathways Community at a glance

Australia and New Zealand regions



United Kingdom regions



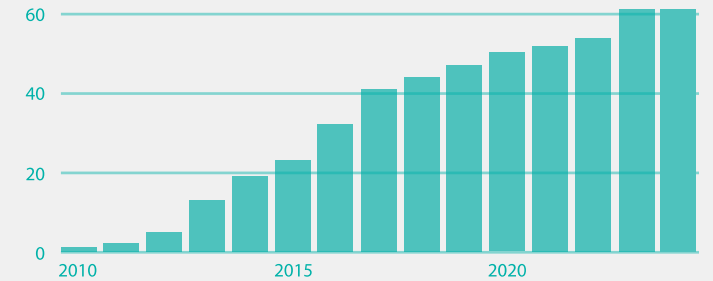
Total number of implementations



Total patient numbers in regions



Cumulative number of regions over time



Clinical pathways localised

21,120

Pages currently being localised

4,296

Page reviews completed

23,755

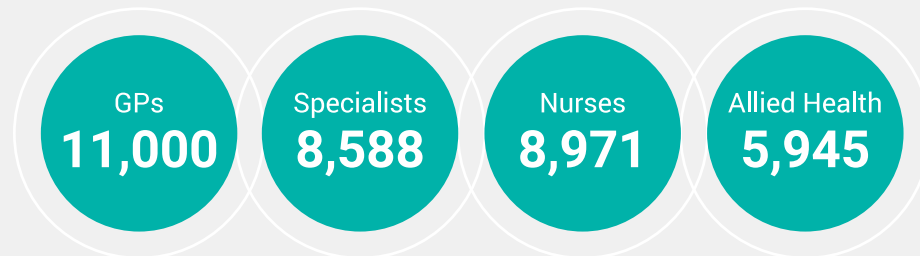
Page reviews in progress

4,438

Services in HealthPathways Directory

51,152

Total people contributing feedback or to pathway development



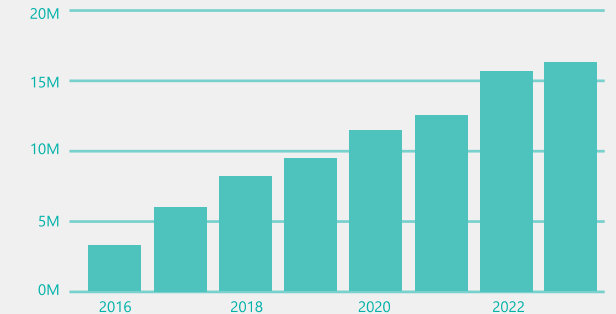
Total feedback posts



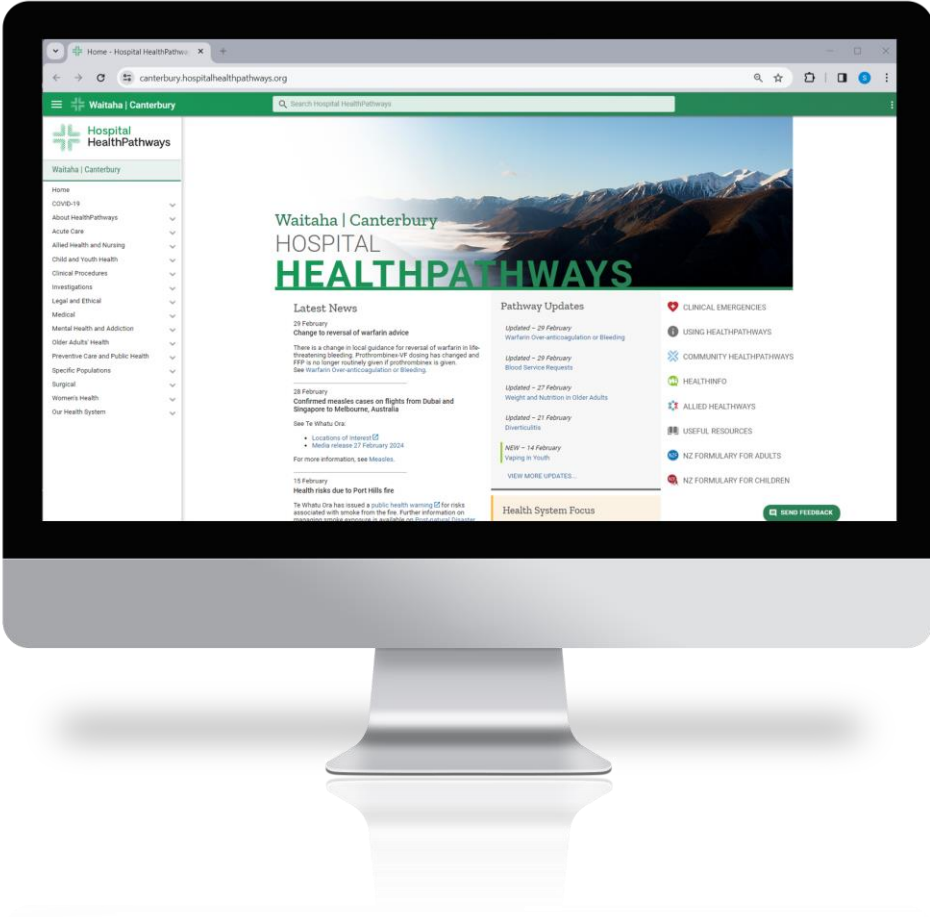
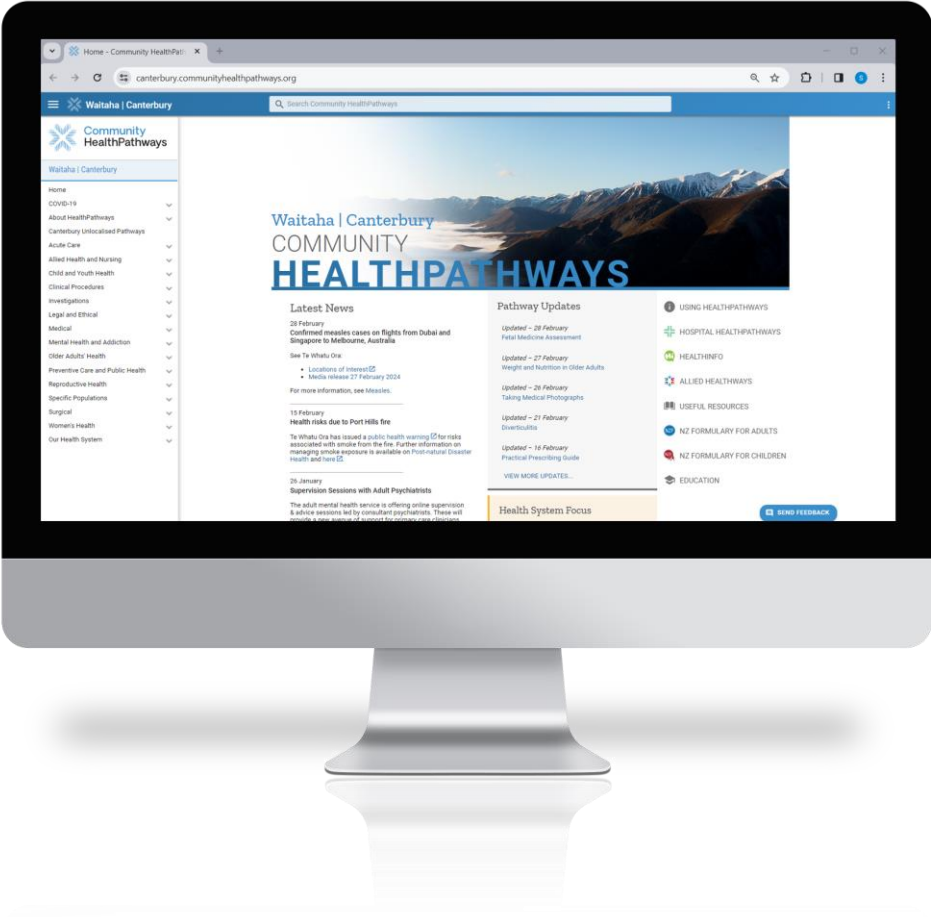
Page views in last 12 months



Total website page views



Demonstration



Community HealthPathways impact

South Tyneside 2023 HealthPathways User Survey results

97%

of respondents

use HealthPathways
at least once a week

ALMOST HALF (47%) USE IT DAILY

On average, HealthPathways
saves users 1 hour per week

Time saved per day:

0-15 mins

16-30 mins

31-60 mins

60+ minutes

48%

30%

16%

5%



109
responses



85% clinical (GPs,
Nurses, Allied Health,
Pharmacists)

80%

of clinicians agree that
HealthPathways helps
them to **assess the
patient** in front of them

91%

of clinicians say that
HealthPathways helps them
**understand and follow local
referral processes**

86%

of clinicians say that
HealthPathways helps them **identify
and access services** that they would
otherwise not be aware of

87%

of clinicians say that
HealthPathways makes them
more confident managing the
patient in front of them

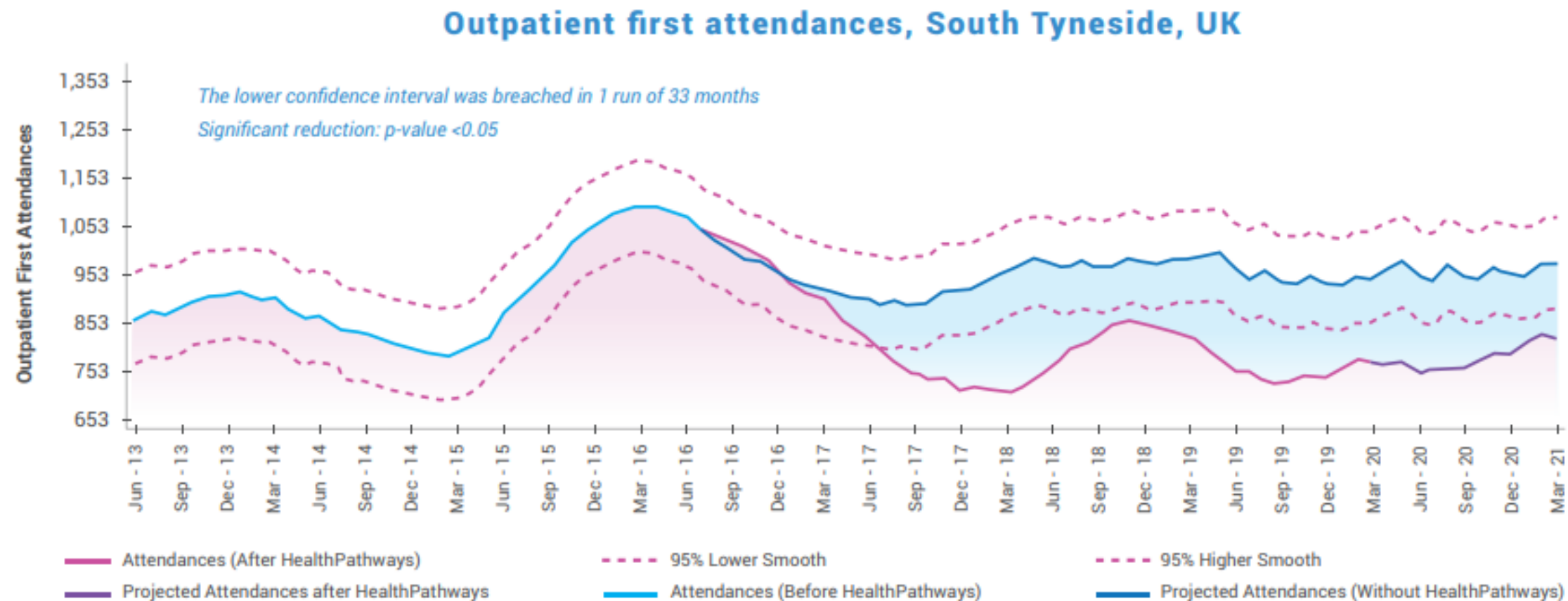
WHAT PEOPLE HAVE TO SAY:

"I really like using HealthPathways. It is easy to navigate and increasingly covers many areas. I find it much more useful than NICE guidelines for getting local advice and local referral pathways etc."

"I like the layout, the succinct practical accessible information guiding diagnosis and patient management ...I would be lost without it."

"Very useful for what tests to request, when and where to refer, also clinical considerations."

Community HealthPathways impact



Hospital HealthPathways Impact



OF CLINICIANS USE
HHP AT LEAST
ONCE A WEEK



OF CLINICIANS USE
HHP EVERY OR
MOST WORKING DAYS

- Reduced delays in care by providing guidance at the point of care
- Significant reduction in variation of practice between doctors
- Improved patient flows by agreeing in advance on how to manage a condition
- Amylase blood test compliance improved by 13%, resulting in 54 fewer tests.
- 50% drop in hospital admissions with Transient Ischaemic Attack
- ED Flow issues
 - Input – CHP
 - Throughput- HHP
 - Output- HHP

It's an incredibly useful resource that's been invaluable in day-to-day practice, especially as a junior doctor, and especially out of regular working hours when seeking the advice of senior colleagues is potentially less easily accessible.

CHP and HHP form a powerful combination to support efficiency in health systems by encouraging communication and collaboration across pathways to support clinicians at the point of care with **‘this is how we do things around here today’**



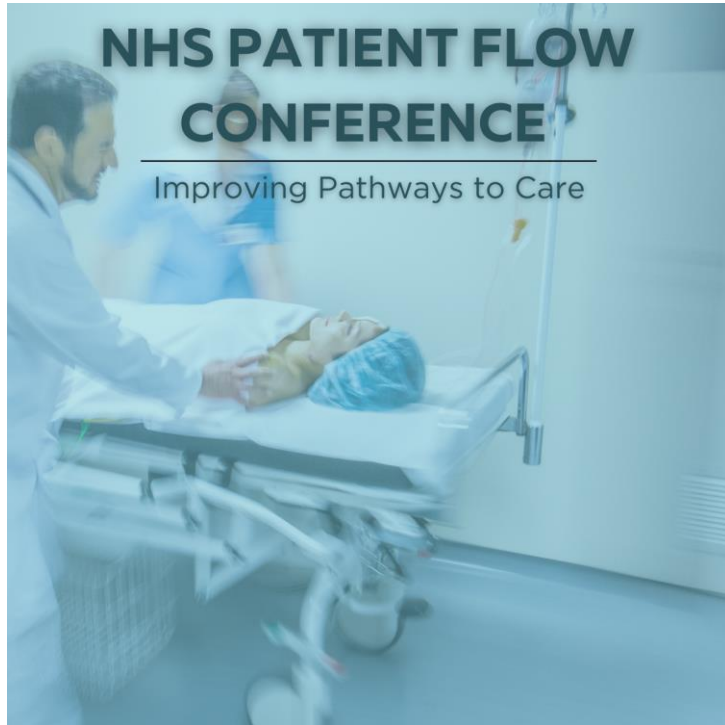
What has connected?



Anything else?



What needs further discussion?



Speaking Now...



Joe Lillington

Senior Data Scientist
NHS Health Economics Unit

Modelling patient flow in the A&E

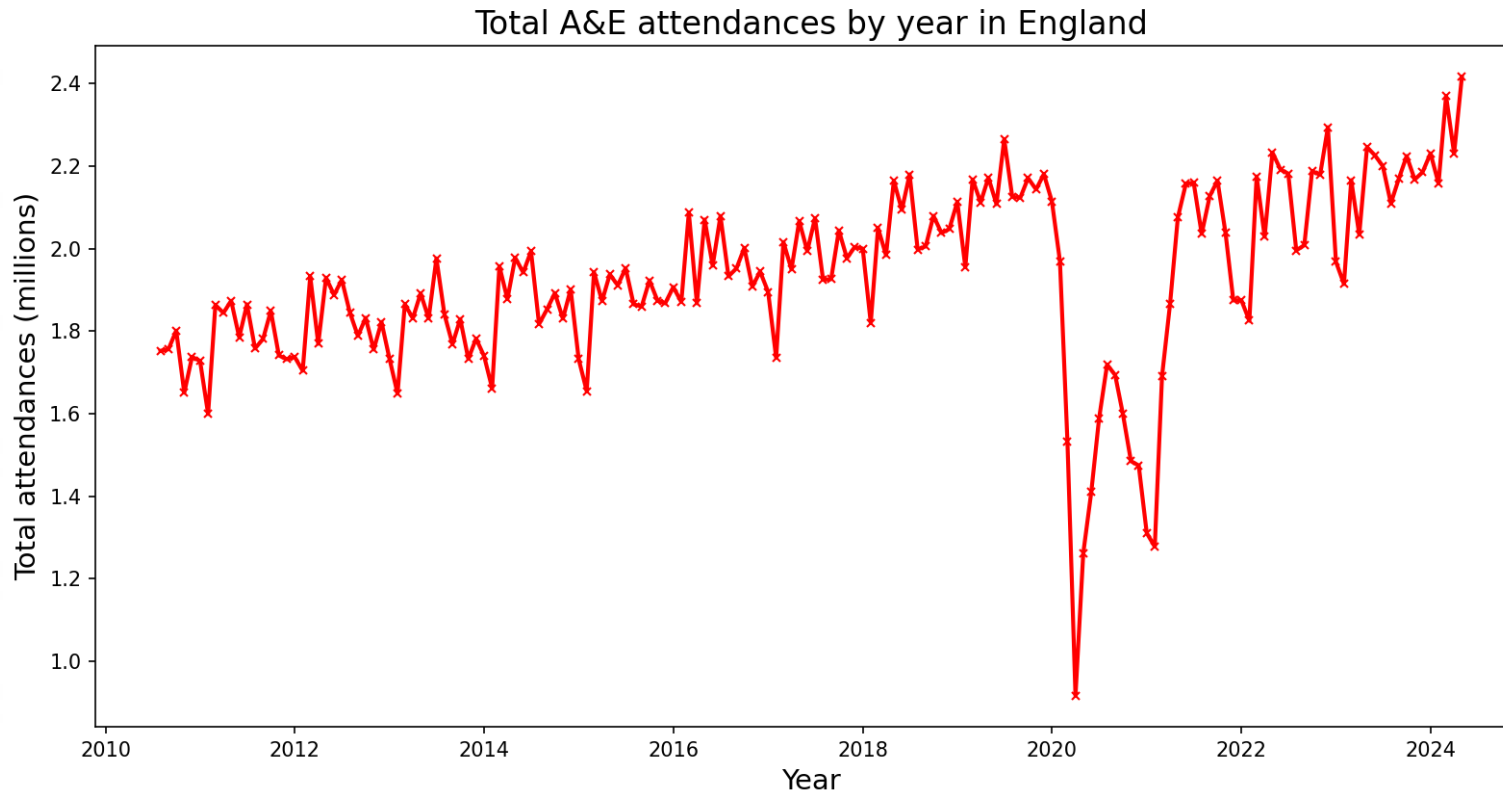
Dr Joseph Lillington

Senior Data Scientist, Health Economics Unit

2nd July 2024

Reasons for modelling A&E patient flow

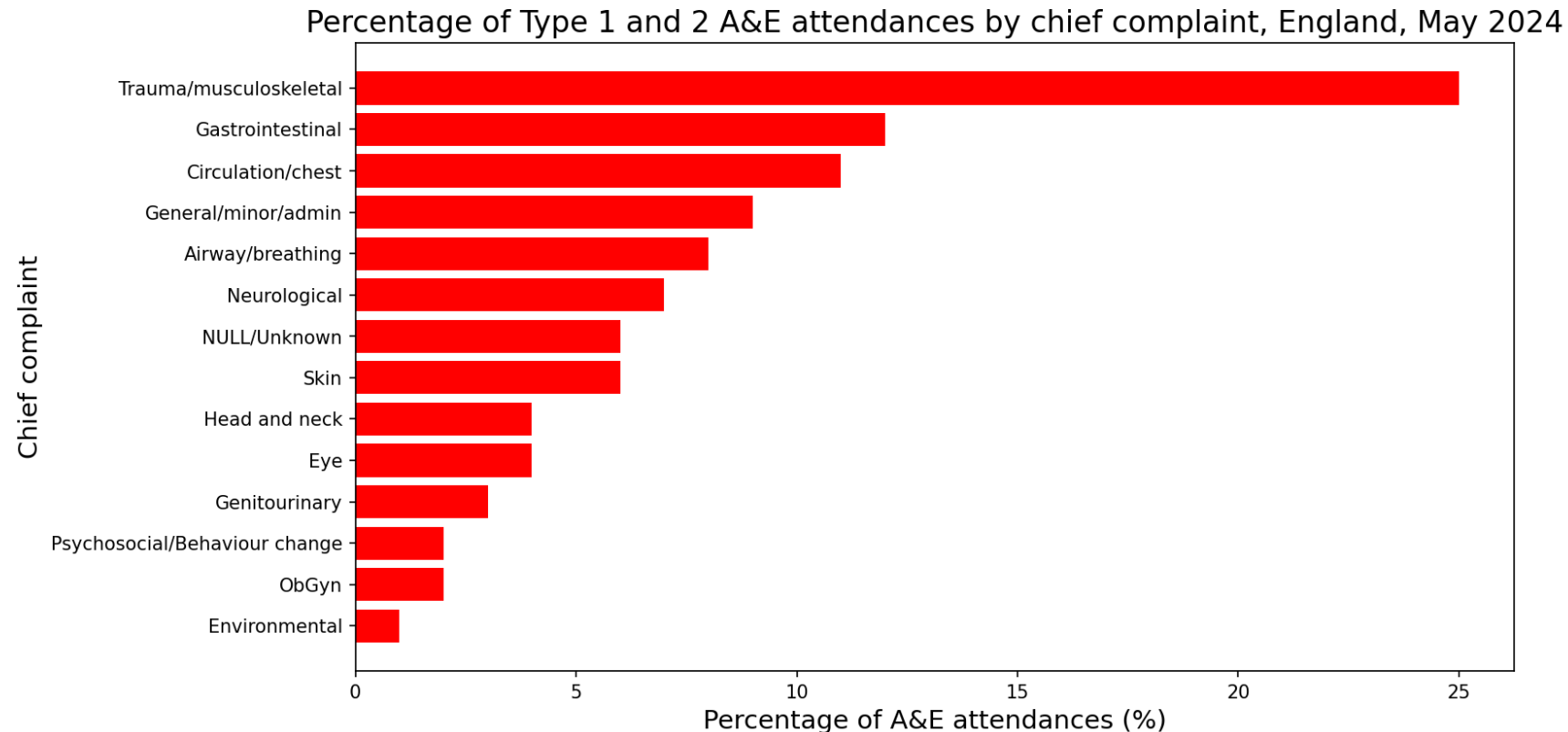
There is high patient demand



[1] NHS England, 2024.

Reasons for modelling A&E patient flow

Presentations can be complex and varied



[2] NHS England, 2024.

Reasons for modelling A&E patient flow

- **A&E significant variation:**

- Choosing acuity
- Culture to admit
- Resourcing capacity – staff, space

ECDS acuity classes

1 Immediate emergency care

2 Very urgent emergency care

3 Urgent emergency care

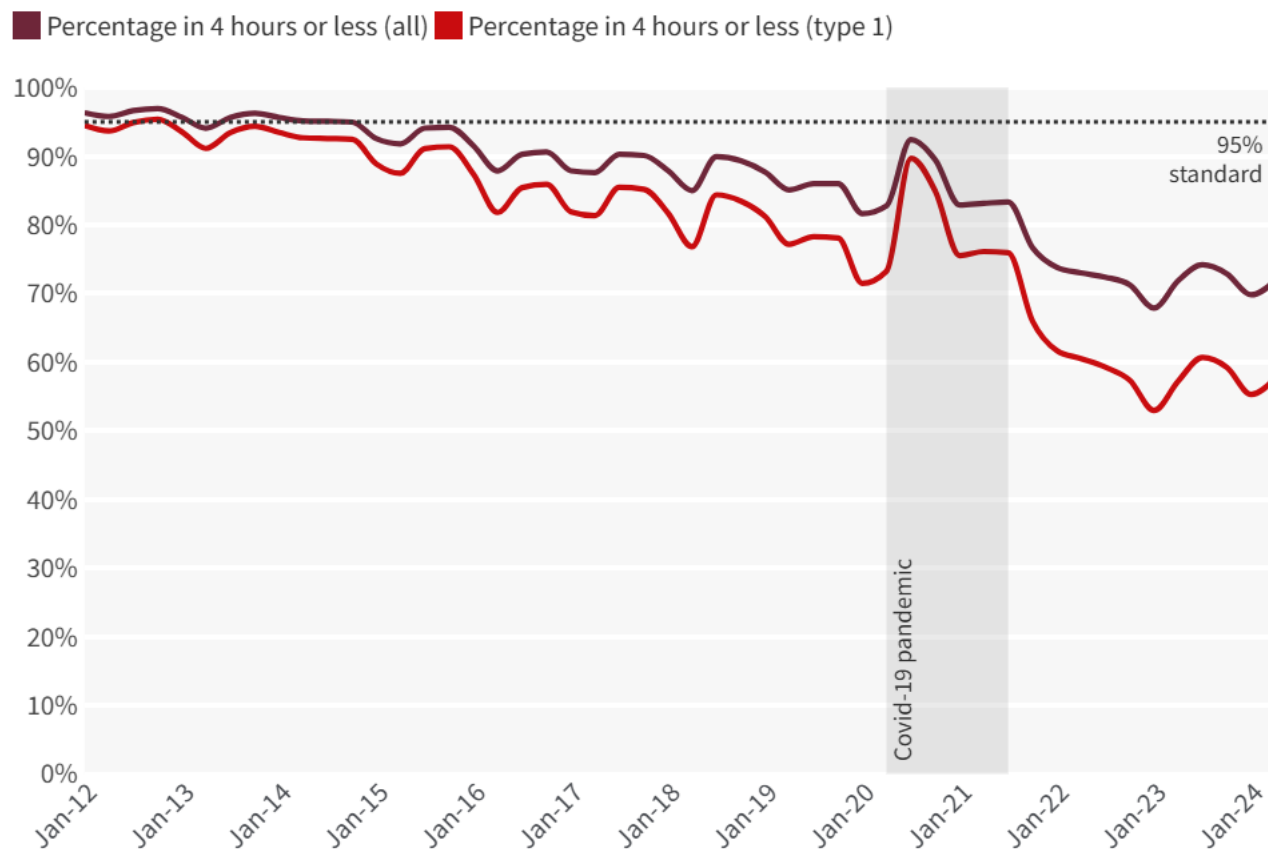
4 Standard emergency care

5 Low acuity emergency care

[3] NHS England, 2024.

Reasons for modelling A&E patient flow

Performance has deteriorated in recent years.



[4] The King's Fund, 2024

Reasons for modelling A&E patient flow

- **Potential for significant cost-savings.**
- In 2022/23, the DHSC spent £182 billion on healthcare
- In 2024/25:
 - 1 UTC attendance, receiving lowest level of investigation and treatment: ~£91
 - 1 major A & E attendance, complex investigation and treatment ~ £137 to 445
- From previous slide – **millions of attendances -> very expensive system**

Reasons for modelling A&E patient flow

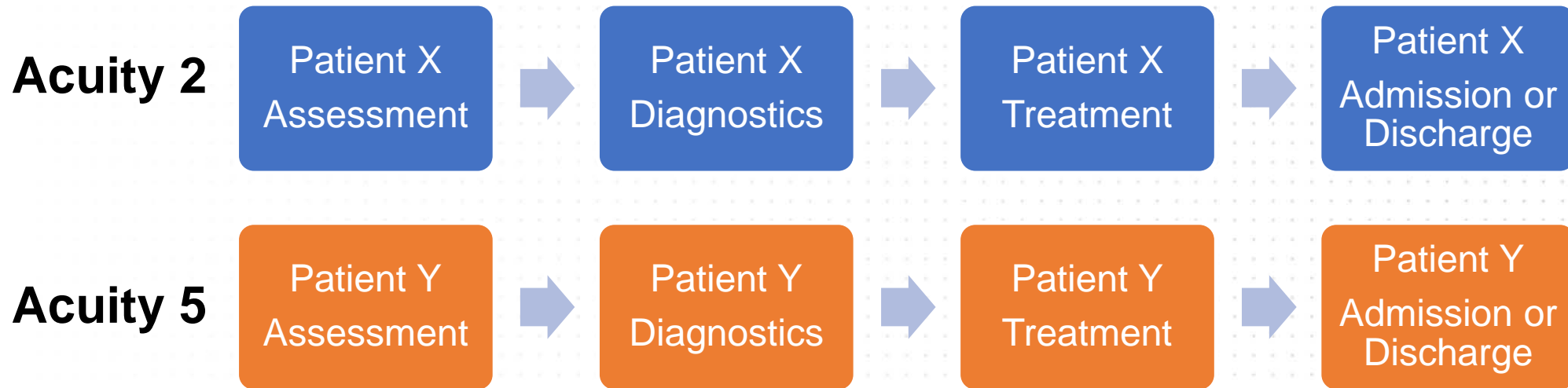
- **Evidence-based** – Uses knowledge of patient pathways and measured ED data
- **Relatively inexpensive** – UEC system changes can be very expensive
- **Proactive** – Can explore impact changes before they happen

There are lots of choices of models

Going to briefly discuss discrete event models

Discrete event simulations

- **Modelling the events that happen to patients, individual by individual**
- **Driven by competing resources, e.g. finite no. clinicians; cubicles**

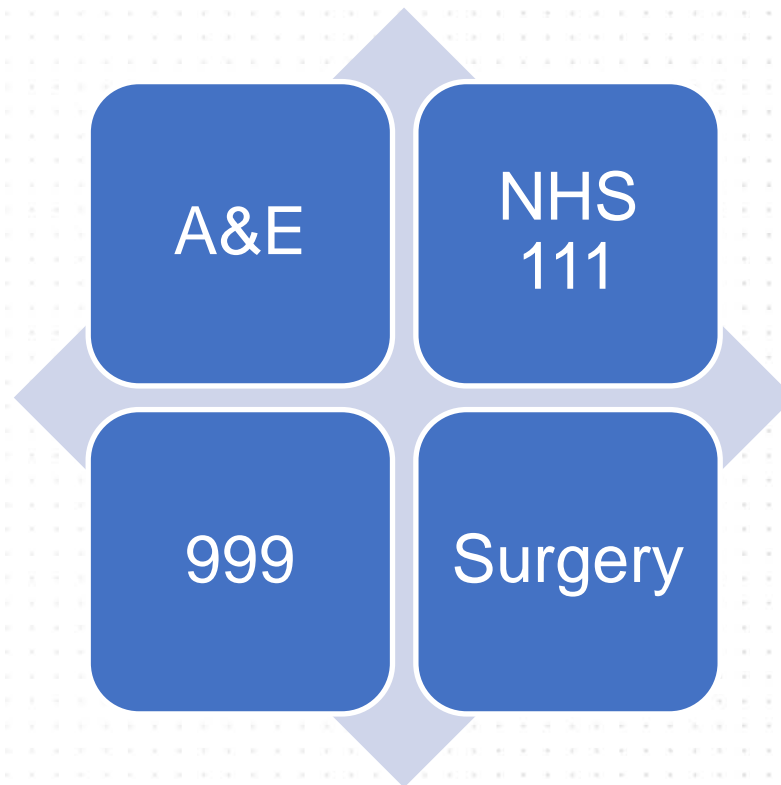


Discrete event simulations

- **Using simulations:**
 - Modelling patient journeys, patient by patient
 - Respecting that patient processes need to be prioritised from clinical needs
 - Acknowledging that clinical resources are limited
 - Considering uncertainty in event times (Monte Carlo)
 - **Looking at how flow is impacted and the major bottlenecks**

Discrete event simulations

- **Can apply to many queuing problems**



ECDS (Emergency Care Dataset)

- National data on A&E at patient-level
- Various information on:
 - Acuity
 - Chief complaints
 - Demographics
 - Activity (Investigations, treatments, etc.)

Modelling choices

- We've been asked to develop models for a specific trust:
 - Existing pathways
 - Local data
 - Current issues and potential solutions
- We've also been asked to develop more general models for 'ideal' A&Es:
 - Future pathways
 - Expected data
 - Projected modelling

Considerations

- Good A&E models need to consider upstream and downstream effects:
 - **Upstream:**
 - What conditions are patients arriving at A & E with?
 - How are these likely to vary as the underlying population changes?
 - Why are patients arriving at A&E?
 - **Downstream:**
 - Bed availability impact
 - Tendency to admit impact
 - Other department impact, e.g. ICU, theatres, mental health, etc.

UEC system thinking

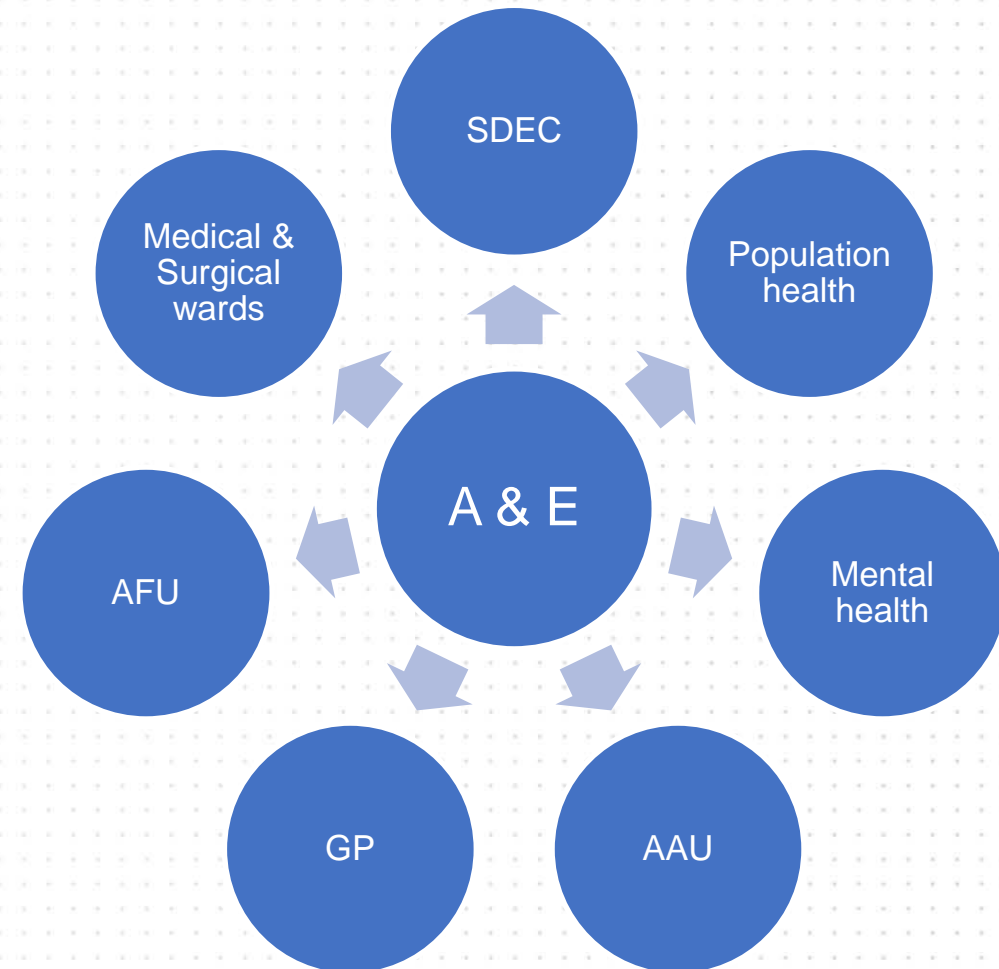
- Lots of discussion on who should be attending A&E:
 - Use of SDEC
 - Use of UTC
 - Acuity 5
 - Mental health
 - Frailty

Combining models at different scales

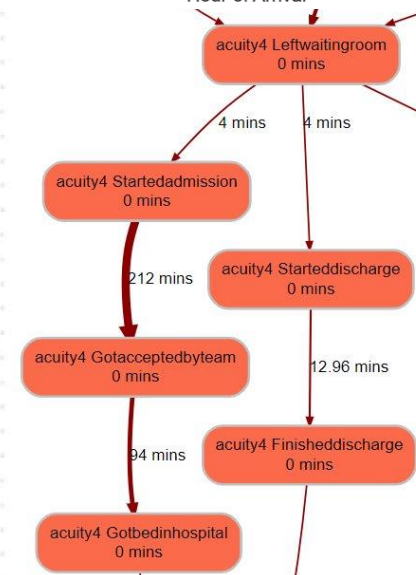
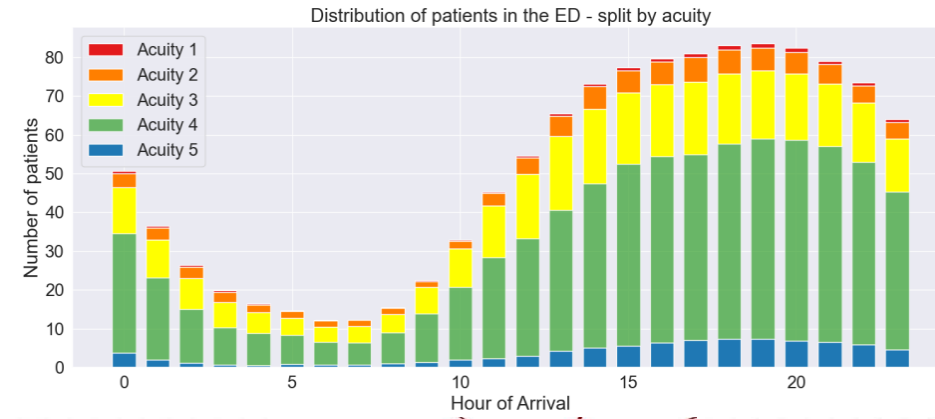
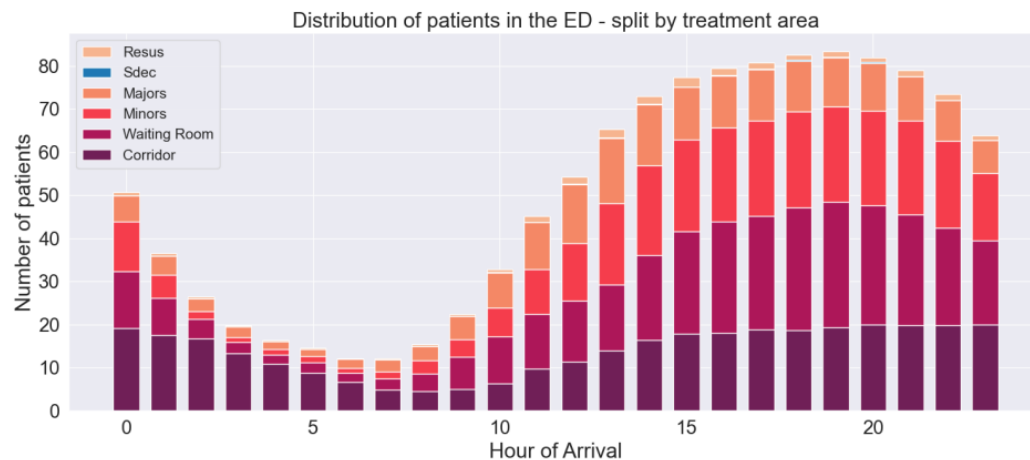
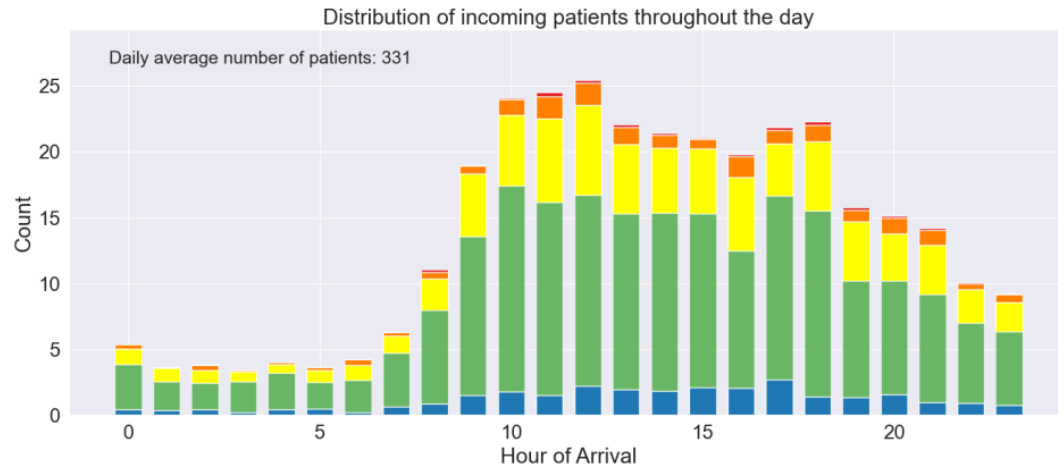
- **Discrete event simulations are low-level models:**
 - Modelling individual patients
- **They can support high-level modelling:**
 - Demand and capacity modelling
 - Systems modelling

Modelling complexity

- **Aiming to avoid overfitting**
- **Want to validate on multiple metrics:**
 - Outcomes not just activity



Example outputs



Example outputs

Duration
Day 1 Time = 11:20

Patient waiting to be registered



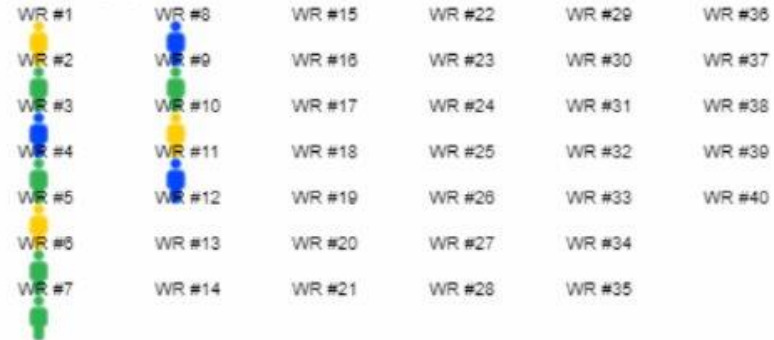
Acuity

1 2 3 4 5



Waiting Room

Occupancy: (23 %)



Majors Room

Occupancy: (27 %)



Resus Room

Occupancy: (20 %)



Minors Room

Occupancy: (20 %)



Sdec Room

Occupancy: (0 %)



The 'Human' factor

- What happens when it is absolutely critical for a patient to be treated?
- How do performance targets impact patient flow?, e.g. 4 hr and 12 hr targets

A&E patient flow models are powerful

- **Consider system complexity** – modelling interconnected areas
- **Require pathway support** – buy in from clinical leaders
- **Need iterative development** – local processes will impact patient flow, long-term model thinking
- **Depend on careful validation** – multiple metrics

Thank you for listening!

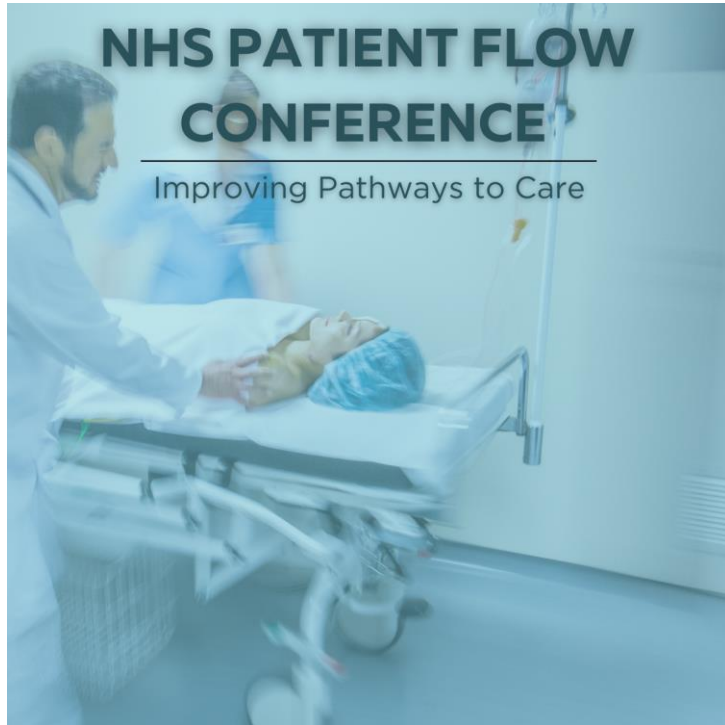
Dr Joseph Lillington

Senior Data Scientist, Health Economics Unit

joseph.lillington@nhs.net

References

- [1] Slide 2: NHS England. A&E Attendances and Emergency Admissions. [Statistics » A&E Attendances and Emergency Admissions \(england.nhs.uk\)](#). Accessed 1/7/24.
- [2] Slide 3: NHS England. A&E Attendances and Emergency Admissions. Published 13/5/24. [Statistics » A&E Attendances and Emergency Admissions 2024-25 \(england.nhs.uk\)](#). Accessed 1/7/24.
- [3] Slide 4: NHS England. Guidance for emergency departments: initial assessment. [NHS England » Guidance for emergency departments: initial assessment](#). Accessed 1/7/24.
- [4] Slide 5: The King's Fund. Accident and emergency (A&E) waiting times. [Accident and Emergency \(A&E\) Waiting Times | The King's Fund \(kingsfund.org.uk\)](#). Published 29/5/24. Accessed 30/6/24.
- [5] Slide 7: The King's Fund. Key facts and figures about the NHS. [NHS: Key Facts And Figures | The King's Fund \(kingsfund.org.uk\)](#). Published 25/6/24. Accessed 1/7/24.
- [6] Slide 12: NHS England. ECDS guidance and documents. Available at [ECDS guidance and documents - NHS England Digital](#). Published 21/5/24. Accessed 30/6/24.



Case Study...

vitalhub
United Kingdom

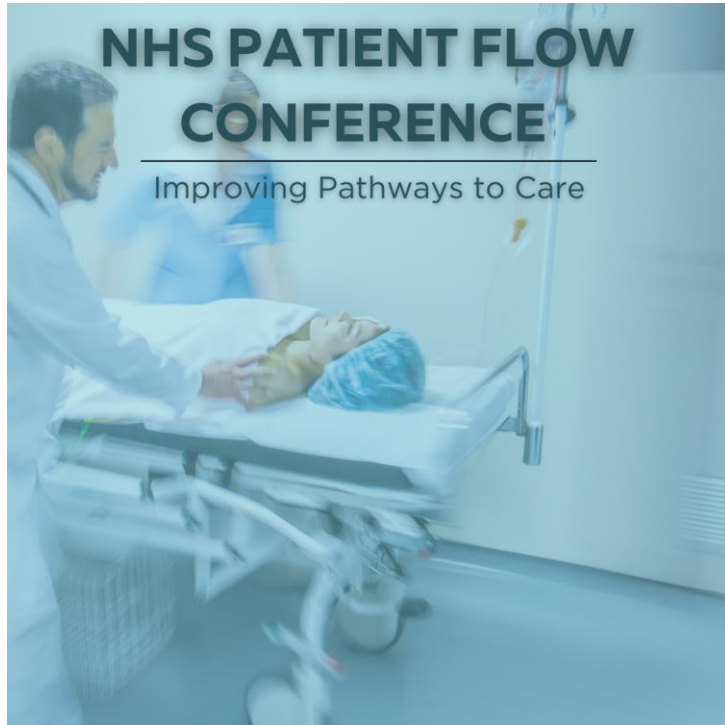


Slido

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SCAN ME



Speaking Now...



Lisa Riley

Deputy CEO & Vice President of Strategy and
Sales - VitalHub UK



vitalhub
United Kingdom

Smart Technology | Connected Care

Lisa Riley, Deputy CEO

London Evening Standard
Wednesday 9 December 2016 **FREE** standard.co.uk

Homes & Property
LONDON'S TOP PROPERTY GUIDE
INSIDE TODAY
WEST END FINAL

A&E PATIENTS HIT BY WINTER CR

THOUSANDS SUFFER DELAYS AS LONDON TRUSTS FAIL TO MEET FOUR-HOUR TARGET

Rose Lyall *Health Editor*

TENS of thousands of A&E patients are suffering long delays for treatment as London hospitals face a new winter crisis. Only two of the capital's 18 NHS acute trusts, Guy's and St Thomas' and Hammersmith, reported meeting the four-hour target last week. Nine trusts had about 40 per cent of patients in time - 40 points below the Government's target.

The findings, from a city-wide survey by the Standard, come as London's A&E trusts were today facing tough problems as they Hall over emergency preparations for winter. Sources say hospitals continue to struggle with shortage of emergency consultants, an increasingly frail and elderly population, difficulties discharging patients requiring social care and the failure to promote out-of-hours GP services.

The vast majority of A&E patients do not need to be admitted to hospital as doctors believe the release on A&E is a consequence of an inadequate primary care system.

Hospitals in west London continue to be among the worst performers, which critics blame on the closure of two A&Es - at Central Middlesex and Hammersmith - last year. London's North West Healthcare Trust - which runs Northwick Park Hospital, Harrow, and Ealing Hospital - has missed the 95 per cent target for an entire year. However, it has improved from its position as the UK's worst trust and achieved 85.5 per cent for the last week in November.

Imperial College Healthcare - which runs St Mary's hospital and St James' - treated 88.7 per cent within target.

SNOW JOKE AT CITY CHARITY

Continued on Page 4

NHS CRISIS EXCLUSIVE

NIGHTMARE AT A&E

Worse to come

£98bn NHS BUDGET BUT...

THIRD WORLD A&E

10 hospitals in crisis
Worst wait in 10 yrs
Car park

HOSPITALS GO INTO MELTDOWN

OUR NHS IS DYING

EXCLUSIVE
BY ANDREW GREGORY

A SENIOR doctor at one of 17 NHS hospitals placed on emergency alert yesterday says A&E units are in crisis.

Dr Chris Moulton spoke of the chaos at the Royal Brompton. "There is no space to see people in A&E and no beds to admit them to". Staff have quit and some patients waited 24 hours for a bed.

TURN TO PAGE 5

Nurses are crying, doctors are quitting and we don't have beds for patients...

THE AILING HEALTH SERVICE

CRISIS-HIT NHS SCRAPS A&E WAITING TIMES

TURN TO PAGE 5


A&E waiting targets have been and after NHS chiefs said Tory cuts make them impossible to keep.

The drive to see 95% of patients within four hours is postponed until next April, but the NHS Confederation warned: "It will be an immense task just to maintain."

TURN TO PAGE 5

» Bid to see 95% of patients in 4hrs delayed until next year **» Bosses say Tory cuts make the targets impossible to keep** **» Tens of thousands to march on No10 in save service protest**

If you haven't been to an Accident and Emergency department lately, here is what you might find...



**Patients' time is the most important
currency in healthcare!**

**If you only had 1000 days to live,
how many would you choose to
spend in hospital?**

213

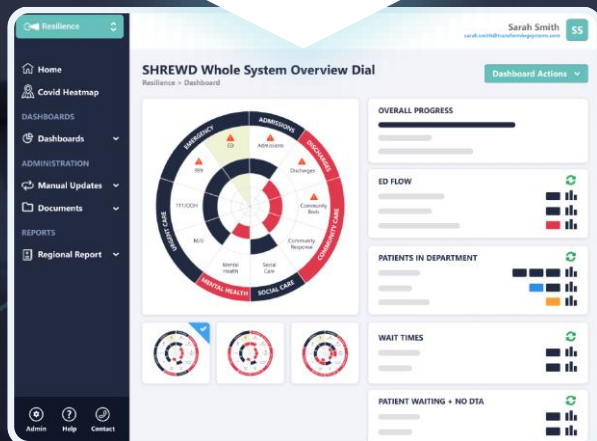


We don't know what windows of opportunity people have so we need to take advantage of the ones that are offered to us!



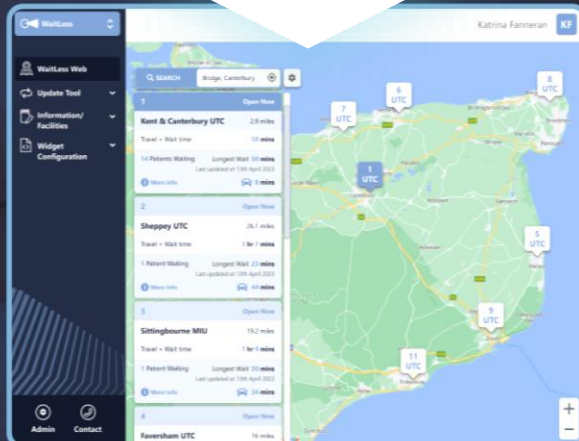
Whole System Visibility

A live operational management platform that provides instant visibility of whole-system data, supporting command centre utilisation, improved patient flow, and enhanced system performance.



WaitLess for Patients

A patient facing app that provides users with real time information about access to urgent care; displaying current wait and travel times that help load balancing across the wider system. Featuring a DOS for each facility and also pharmacies.



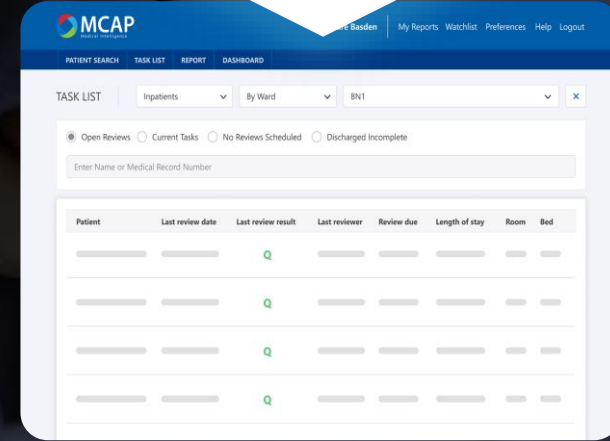
Data and Analytics Reporting

Data driven interactive reporting, analytics and forecasting for greater understanding of operational efficiency and to support situational awareness and continuous improvement.



Clinical Decision Support

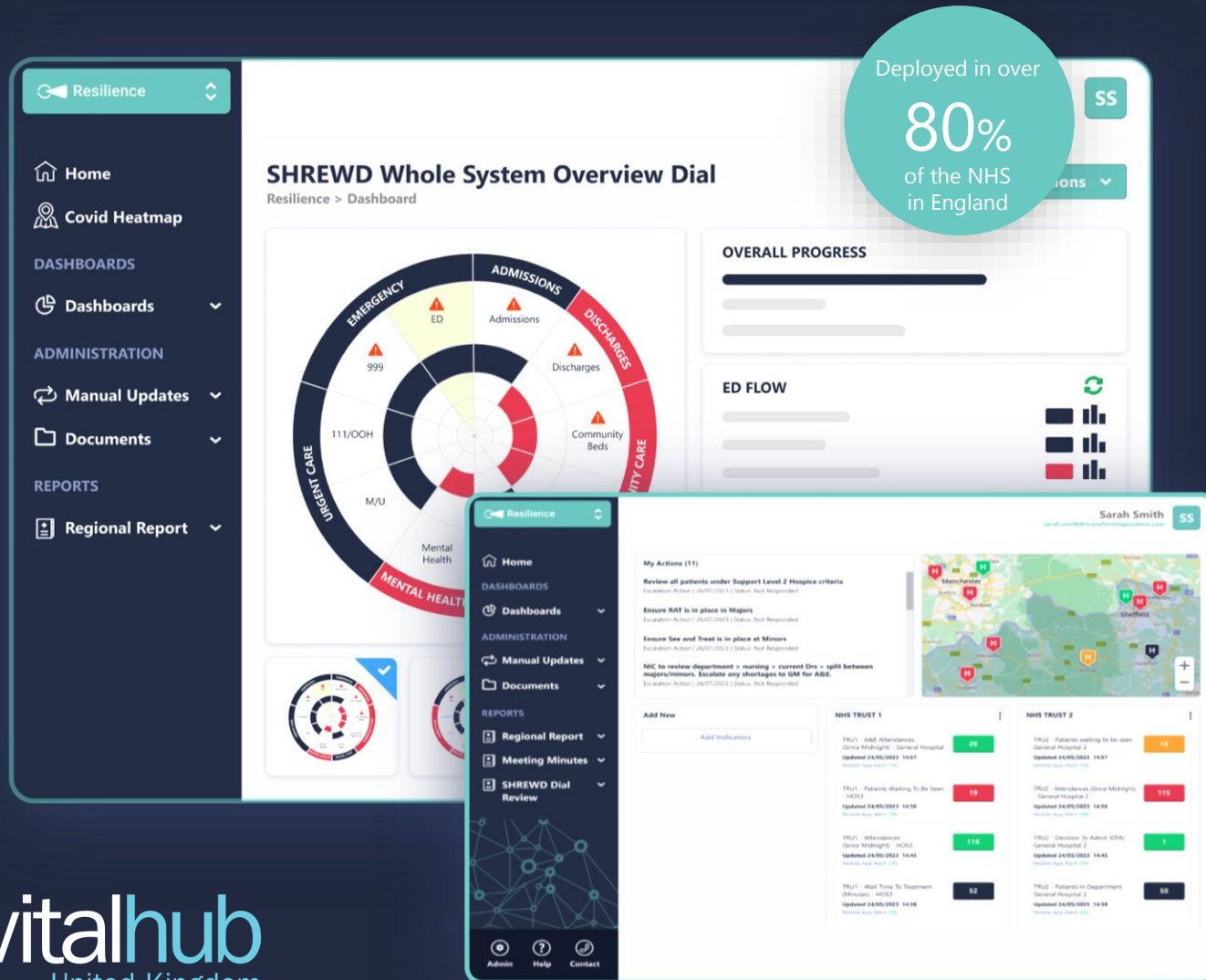
A decision support tool that uses inbuilt clinical criteria to help identify the most appropriate patients to admit and discharge, for use by teams or as a managed service improvement audit delivered by us.



SHREWD Resilience



Visibility of pressure for whole health and social care systems



SHREWD Resilience takes complex digitised data from multiple providers across healthcare networks, from Acute and community hospitals, to ambulance and primary care, and creates instant whole-system visibility of pressure. This is used to provide a real-time view of pressure points in the flow of patients through the urgent and emergency care pathway.



Provides early warnings of increasing pressure to enable preventative action



Helps to maximise efficiency and improve consistency to enhance patient safety

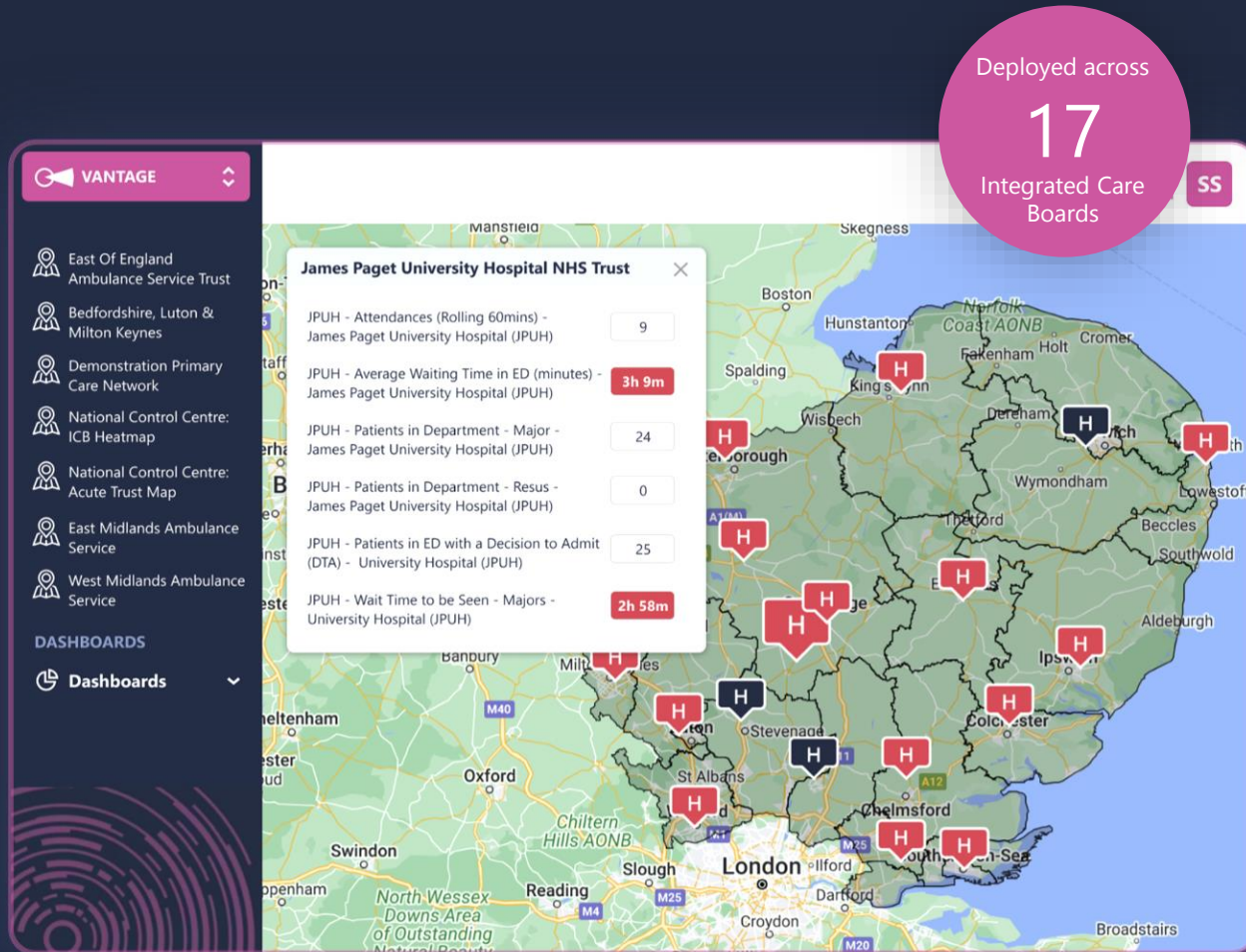


Proactively alerts users to situational changes to enable fast action responses

SHREWD Vantage



Regional intelligence & visibility of category specific data



Deployed across

17

Integrated Care Boards

SS

Creates a centralised version of truth for ambulance providers, pan region, enabling them to buy time by allowing decision-makers to quickly view demand and resource levels and take action to alleviate pressure across multiple sites. This at-a-glance view of pressure helps staff to redirect ambulance teams to less pressured sites, reducing ambulance handover delays.



Saves time interpreting multiple data sources to help staff understand the current position



Improves visibility and awareness of network-wide issues at a strategic level



Supports staff to utilise available capacity to ease the pressure on A&E departments

SHREWD WaitLess



Allow patients to find the most suitable location for minor injuries and illnesses



WaitLess shows the quickest, most suitable location to access treatment for minor injuries, based on real-time waiting time, and live traffic and travel information within a geographic region. The app encourages patients away from overburdened A&E departments and enables them to consider underutilised treatment sites.



Combines travel and live wait times at all Urgent and Emergency Care sites, empowering patients to decide where to attend for treatment



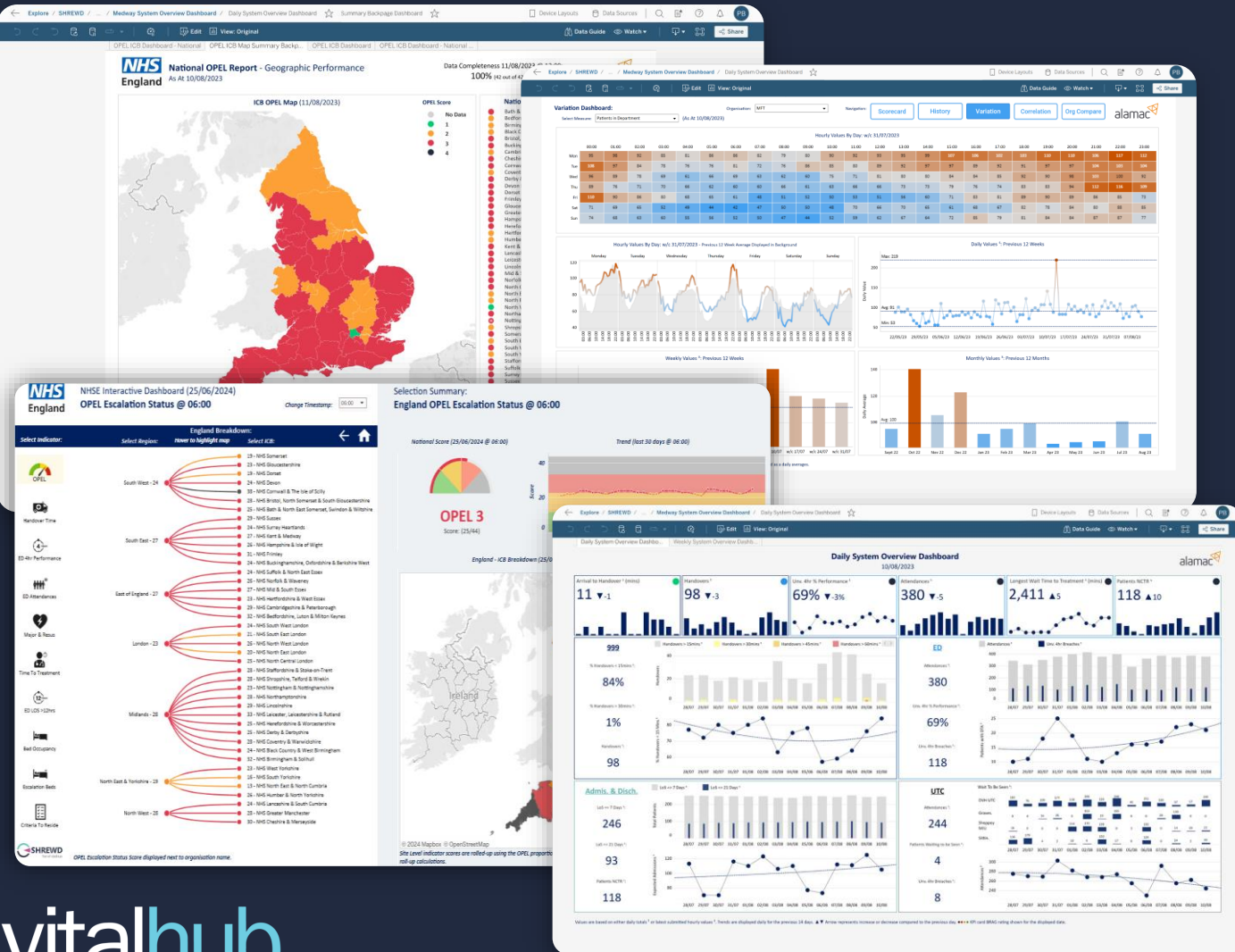
Helps to reduce pressure on A&E and support network-wide load-balancing by redirecting patients to more appropriate care



Saves patients' time by sign-posting to the fastest place to receive care for their urgent care needs

Data Analysis

Data-driven interactive reporting



Alamac provides flexible, interactive reports that can be adapted to meet the specific requirements of individual health economies.

The outputs from our reporting suites provide detailed analytical information regarding any capacity constraints, enabling healthcare staff to make key decisions about how to deal with pressures and help deliver improved care.



Support decision-making with a real-time system dashboard, reporting calculated metrics for operational escalation management



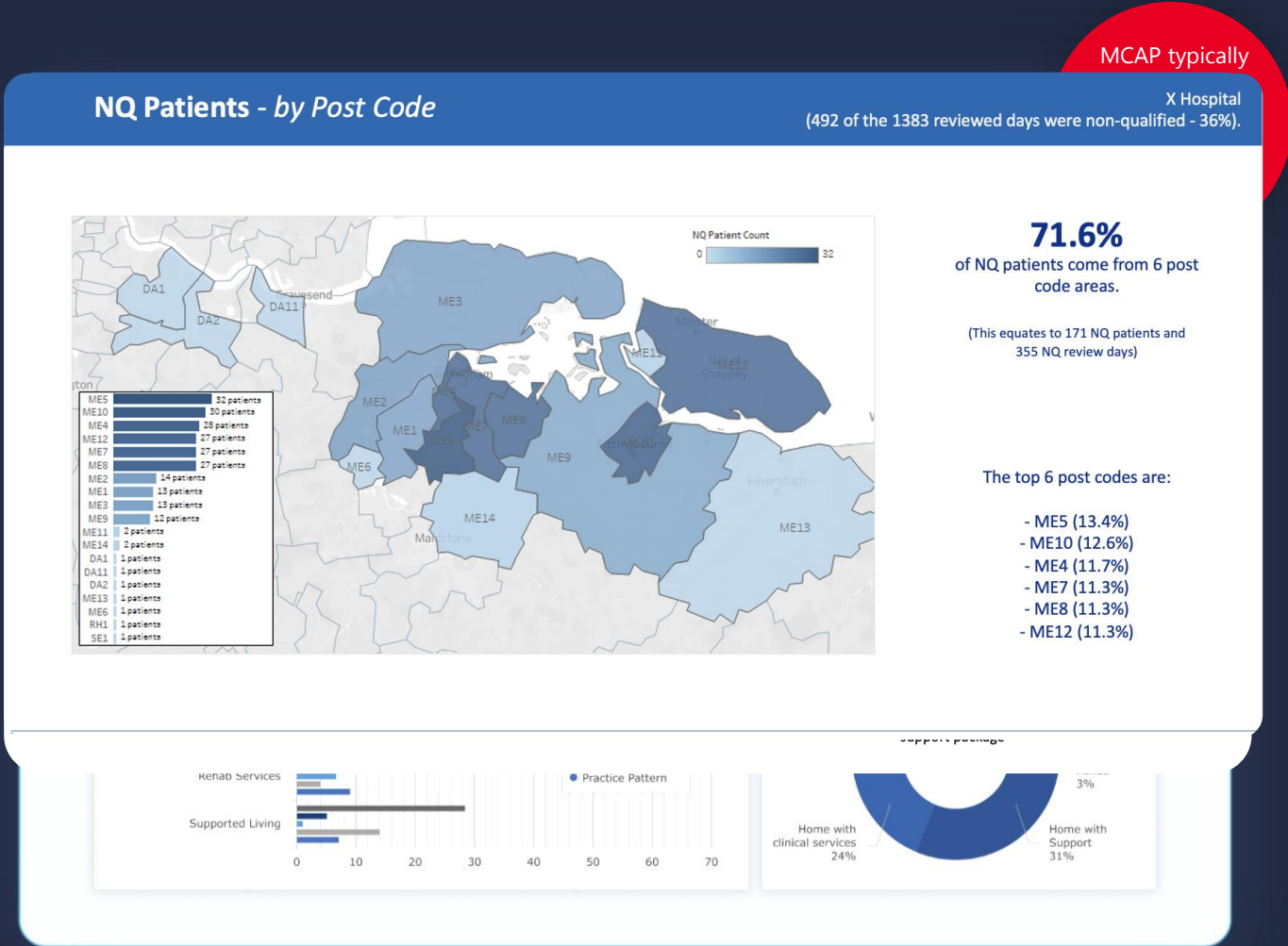
Support patient care into the future with scenario models and forecasts of demand and capacity impacts on performance indicators



Modelling tools support delivery and performance assurance, with expert support through build, implementation and operationalisation.

MCAP Snapshot Discharge Audit

Identify patients residing in hospitals that are clinically suitable for discharge



Discharge audits identify patients who are non-qualified to reside in a hospital bed and help to define the most appropriate level of care for the patient, given their clinical needs. The outcomes from the audit enables operational teams to make informed decisions about how to focus resources to generate the greatest impact on safely flowing patients and freeing beds.



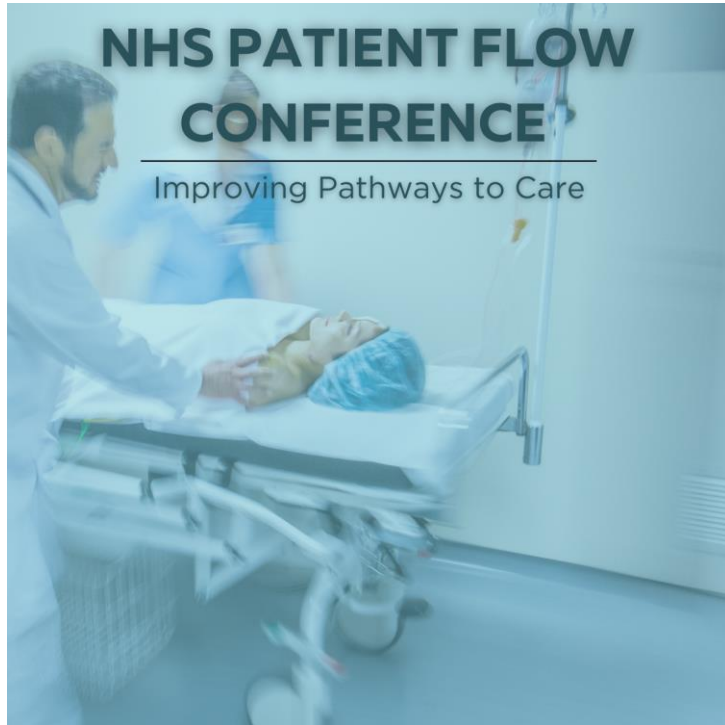
Analyse the demand and capacity of the secondary care system, based on the current acuity mix of the patients



Discover the number of admissions that can be deferred to avoid the admission cap, winter overload or current high demand



Identify both internal and external blockages that are currently preventing a reduction in admissions or Length of Stay



The Patient's You Don't See



Dr Dalia Ludwig
Consultant Rheumatologist,
General Physician & Clinical
Lead for Patient Flow
University College London
Hospital NHS Foundation
Trust



Sally Beyzade
Matron for Patient Flow
University College
London Hospital NHS
Foundation Trust



Serena Ng
Senior Improvement
Facilitator - University
College London Hospital
NHS Foundation Trust

The Patients You Don't See

Dr Dalia Ludwig, Clinical Lead for Patient Flow

Sally Beyzade, Matron for Flow

Serena Ng, Senior Improvement Facilitator



“I just didn’t realise the value of a single empty bed...”

ABOUT UCLH



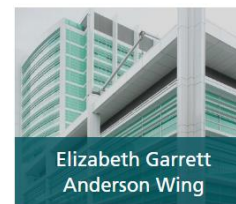
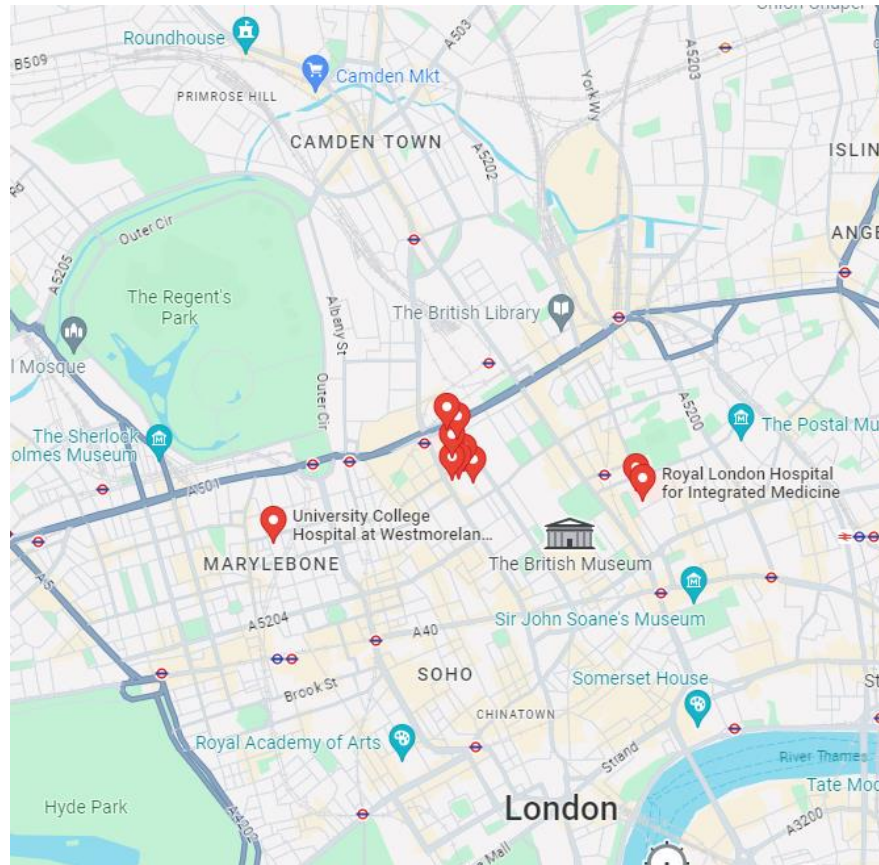
**North Central London
Population 1.4 million**



11,827 staff



848 beds



**Elizabeth Garrett
Anderson Wing**



**Hospital for Tropical
Diseases**



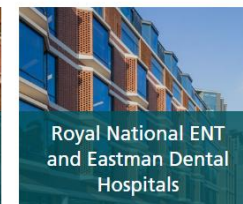
**Institute of Sport,
Exercise and Health**



**National Hospital for
Neurology and
Neurosurgery**



**Royal London
Hospital for
Integrated Medicine**



**Royal National ENT
and Eastman Dental
Hospitals**



**University College
Hospital**



**University College
Hospital at Fitzroy
Walk (opening 2025)**



**University College
Hospital at
Westmoreland Street**

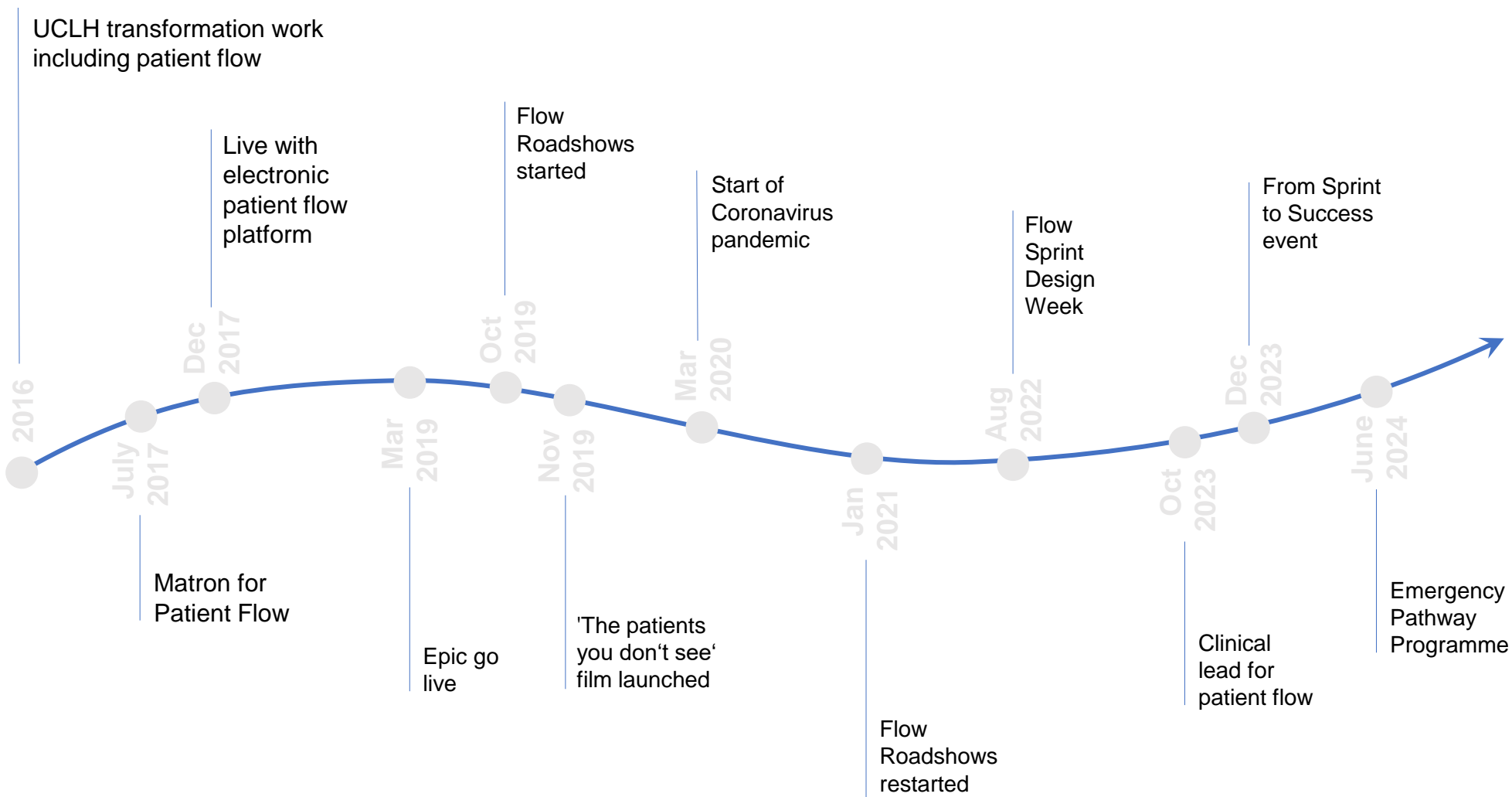


**University College
Hospital Grafton Way
Building**



**University College
Hospital Macmillan
Cancer Centre**

OUR JOURNEY SO FAR



CHALLENGES FACED

PROBLEMS

- **Paper**, board and magnet based
- We could only patient flow information if we were standing in front of it
- **No access to real time** data

- Difficult to **engage the multidisciplinary clinical teams**
- Feeling around 'bed management' just being about **getting the next patient in**
- **Siloed** flow practices
- **Variation** in flow practices across sites

- **Challenge to spread** the improvement approach
- Limited use of **data for improvement** and little exploration of variation of data

WHAT HAS HELPED US

**LEVERAGING
TECHNOLOGY**



**MULTIDISCIPLINARY
ENGAGEMENT**



**IMPROVEMENT
APPROACH**



Boards and magnets



Patient Flow Teletracking



Electronic Health Record



This technology enabled...

Real time data

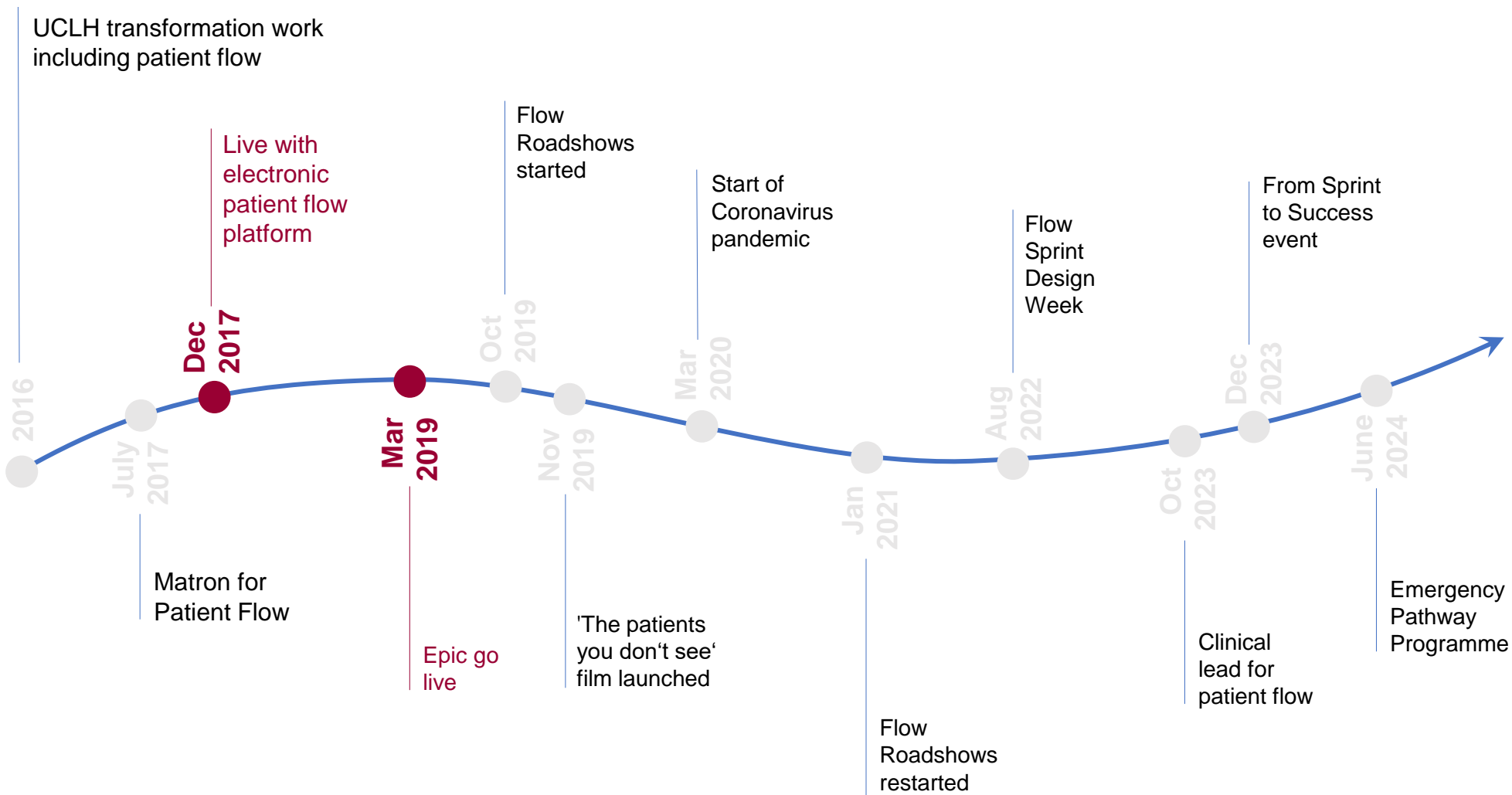


Flow Report 4 x day

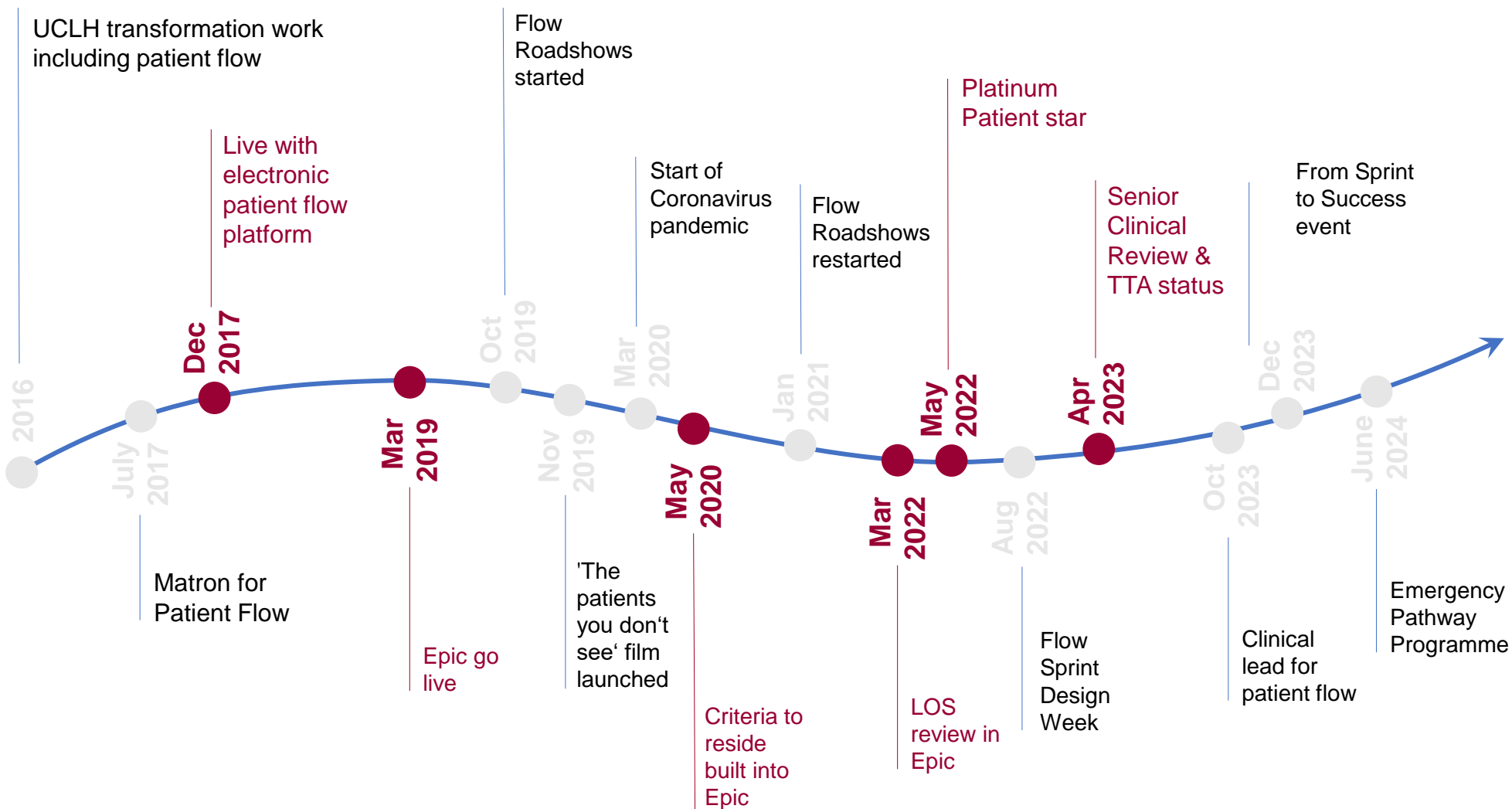


Predictive analytics

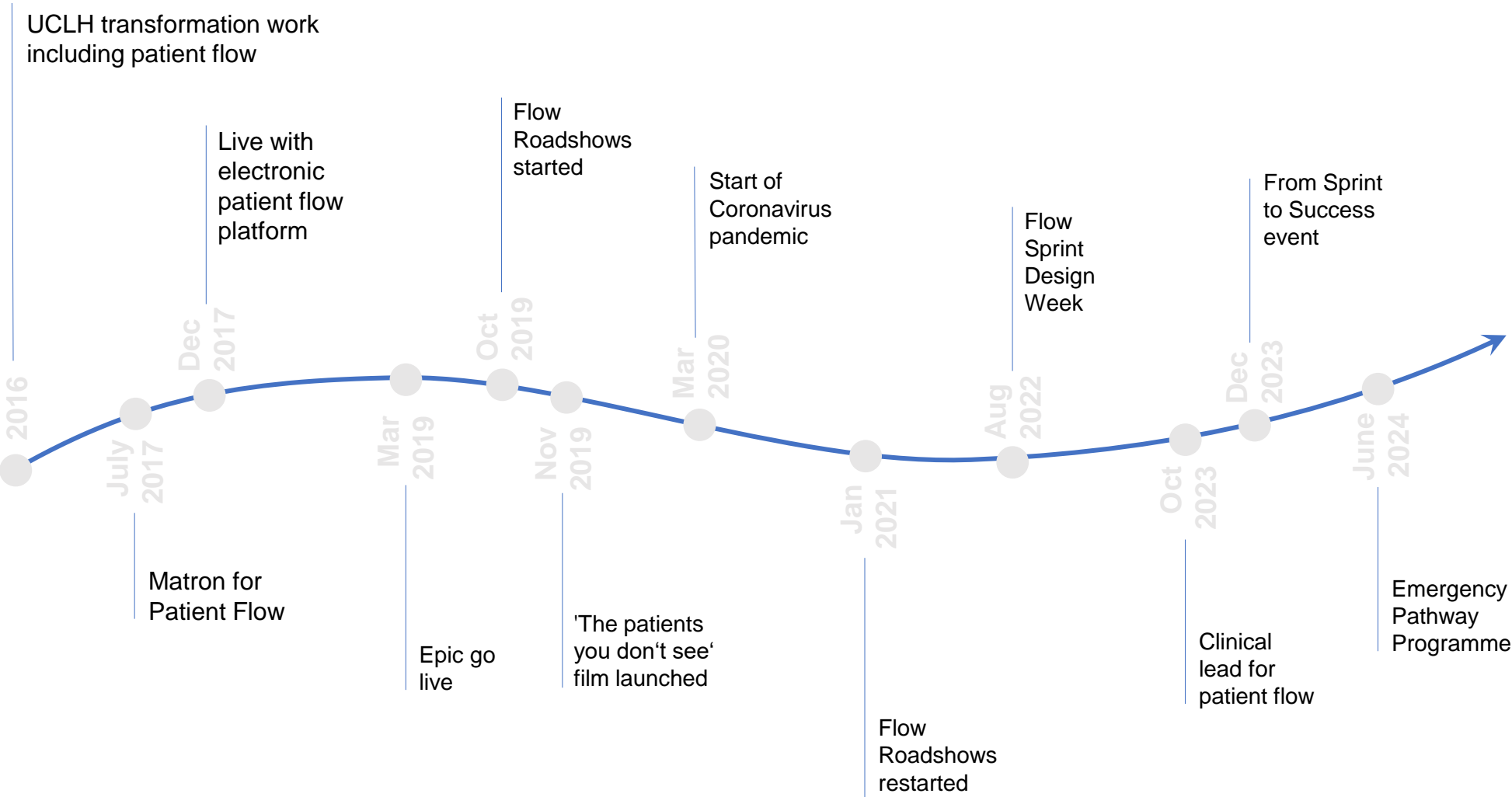
LEVERAGING TECHNOLOGY



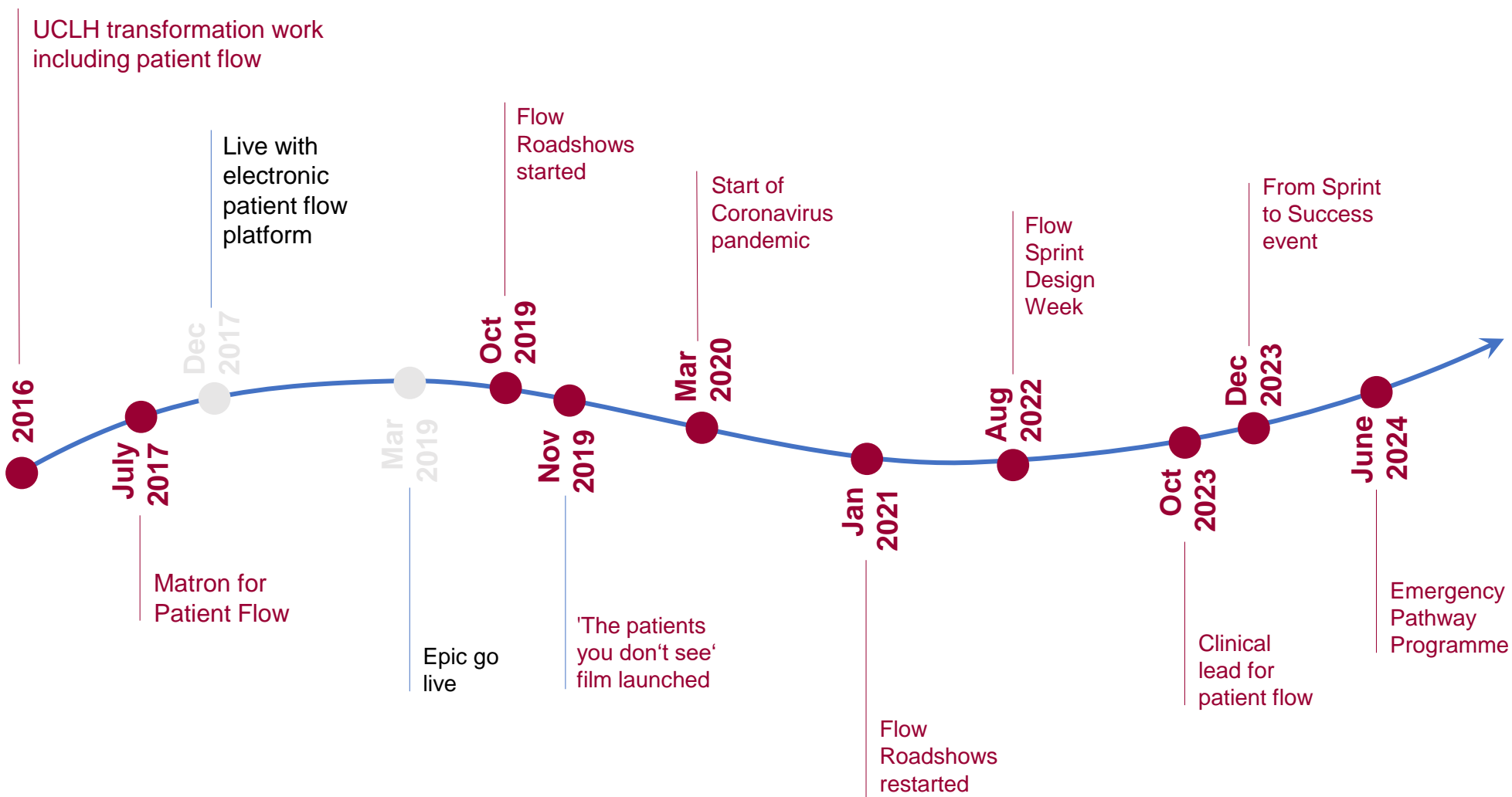
LEVERAGING TECHNOLOGY



OUR JOURNEY SO FAR

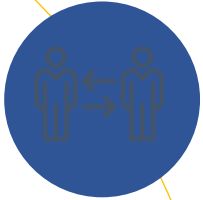


MULTIDISCIPLINARY ENGAGEMENT



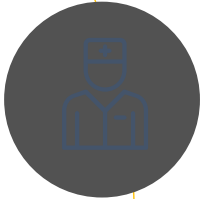
MULTIDISCIPLINARY ENGAGEMENT

HOW HAVE WE ENGAGED PEOPLE...



GOING TO WHERE PEOPLE WORK

Flow Roadshows



CLINICAL PATIENT FLOW ROLES

Matron for Patient Flow; Clinical Lead for Patient Flow



ENGAGEMENT EVENTS

Design Sprint Week and From Sprint to Success facilitated by the Improvement Team



HEARTS AND MINDS

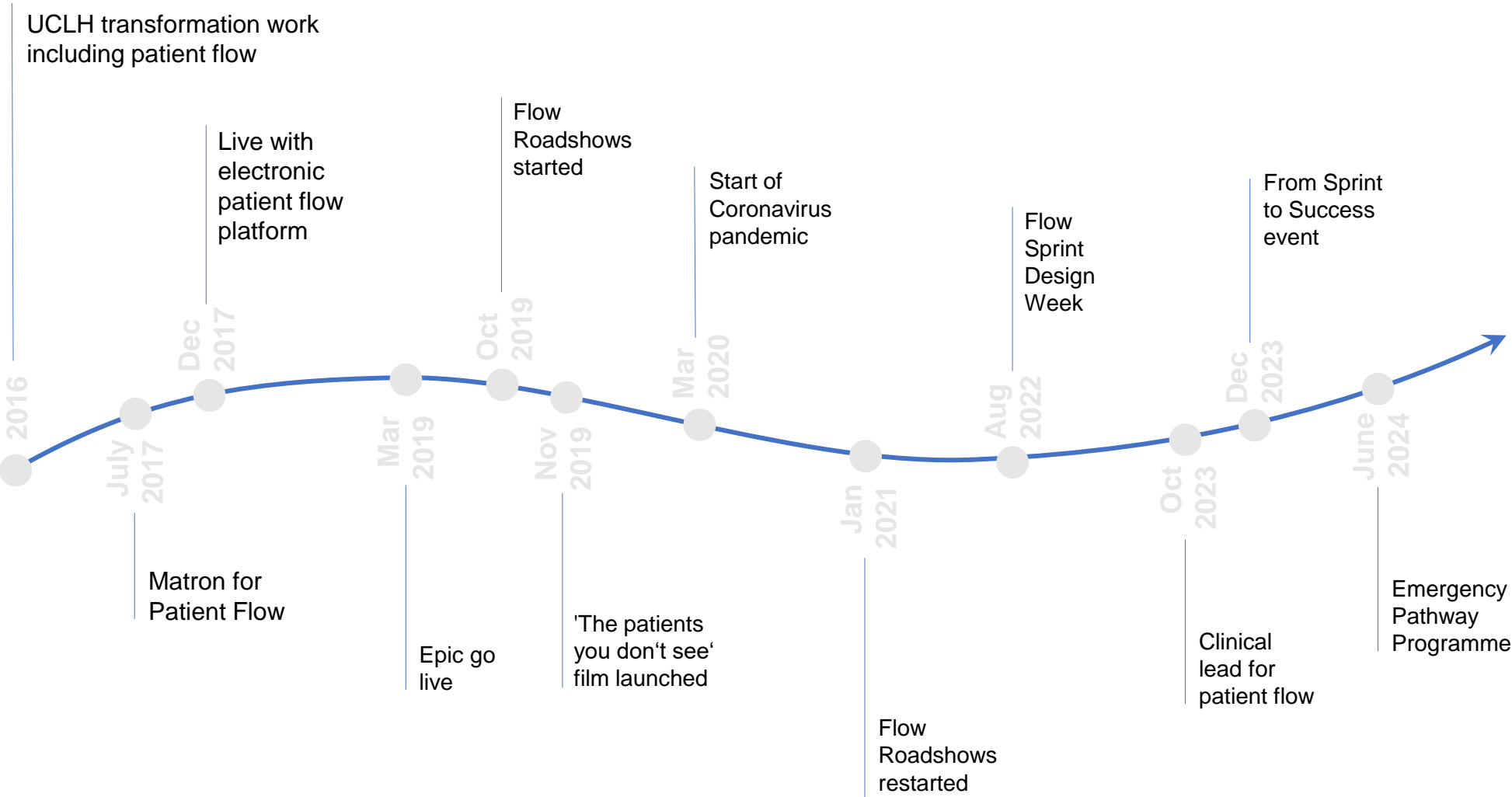
It's all about the patient's you don't see

MULTIDISCIPLINARY ENGAGEMENT

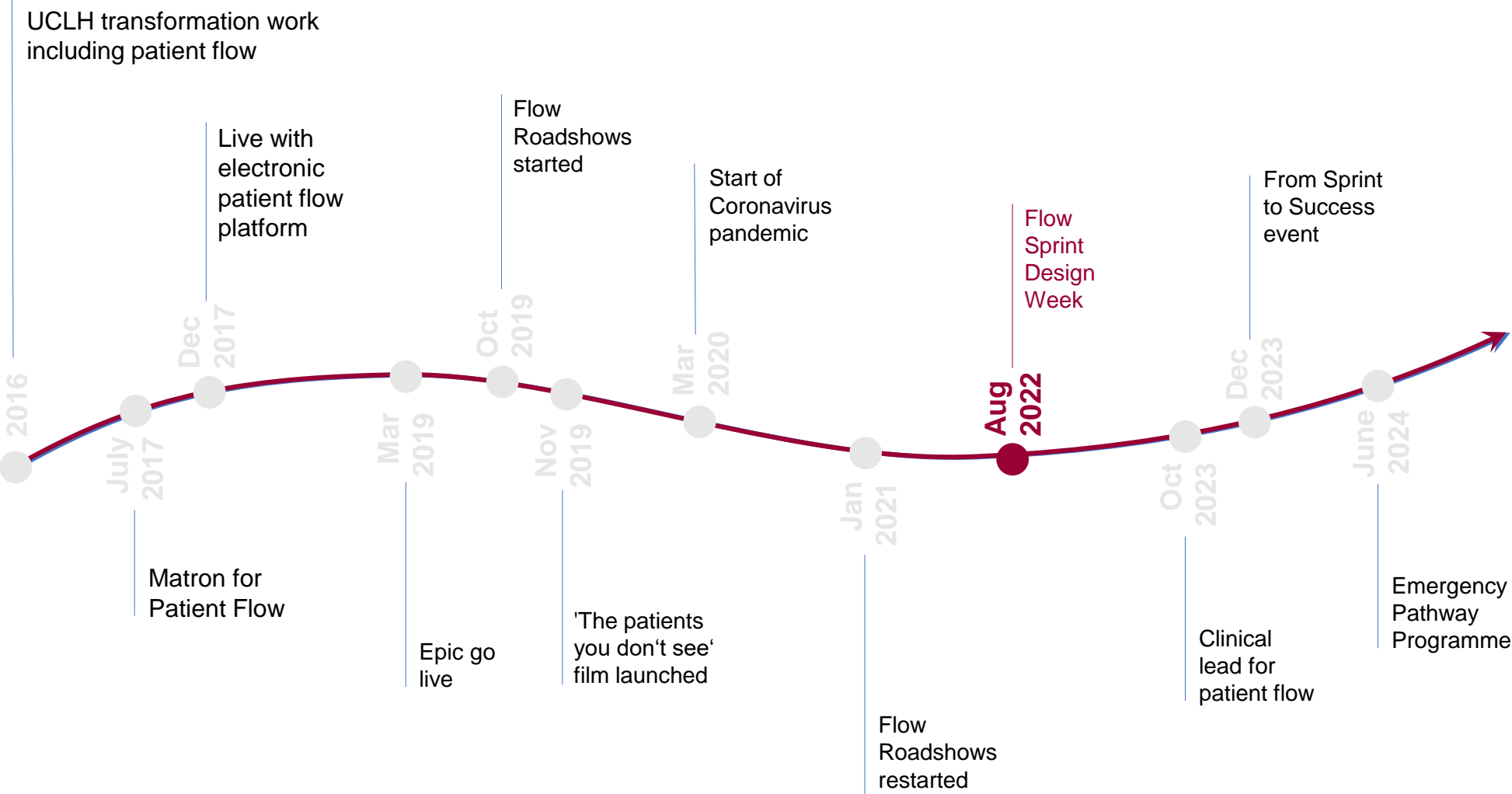
It's all about the patients you don't see!



OUR JOURNEY SO FAR



IMPROVEMENT APPROACH



IMPROVEMENT APPROACH

Design Sprint Week



Monday "GO" - Understanding and Agreeing the Sprint



Tuesday "MAP" - Mapping the system, agreeing key questions



Wednesday "INNOVATE" - Listening to experts, generating ideas



Thursday "DECIDE" - Decisions on high impact changes



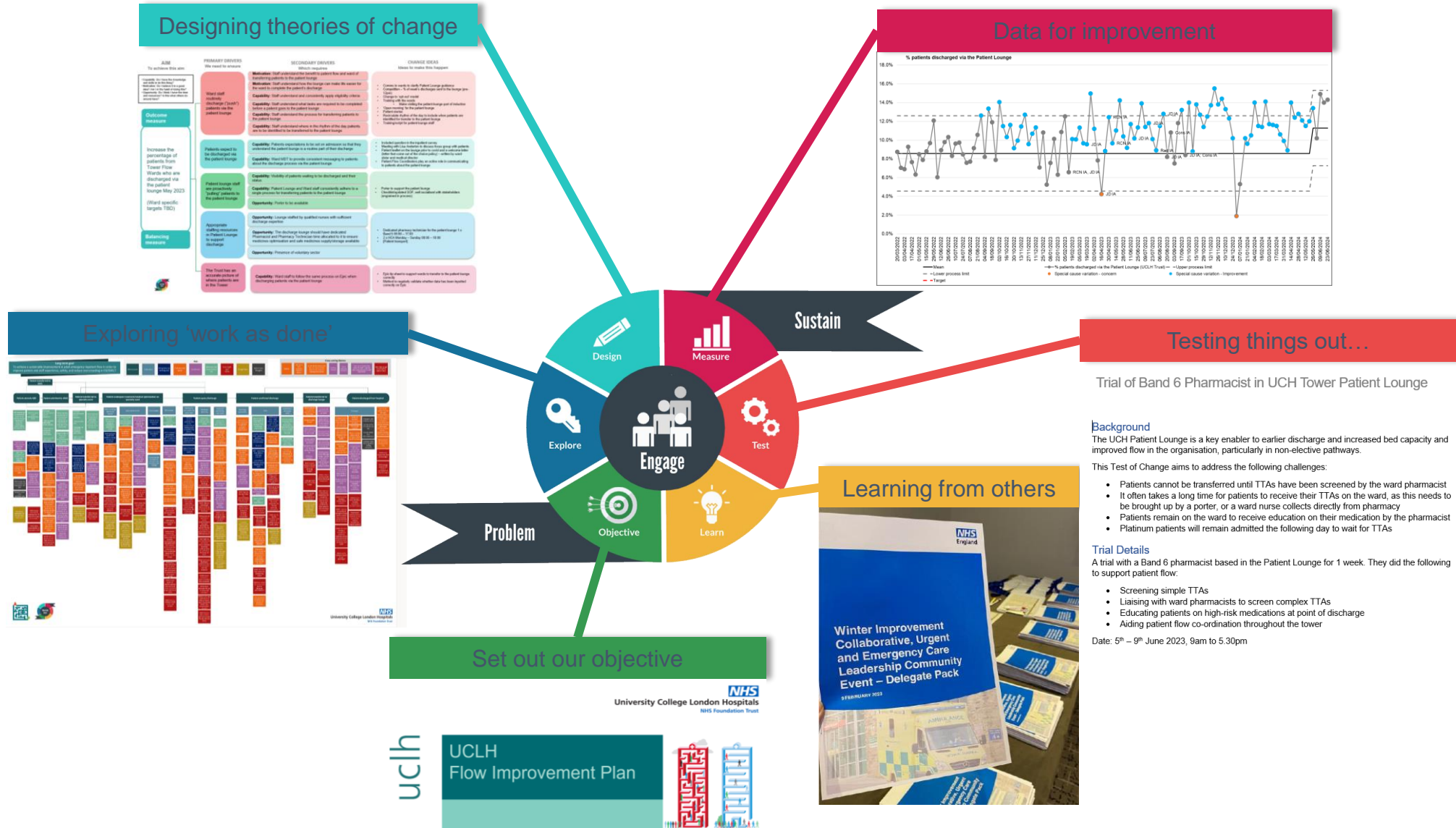
Friday "COMMIT" - Signing off plans, understanding stakeholders



IMPROVEMENT APPROACH

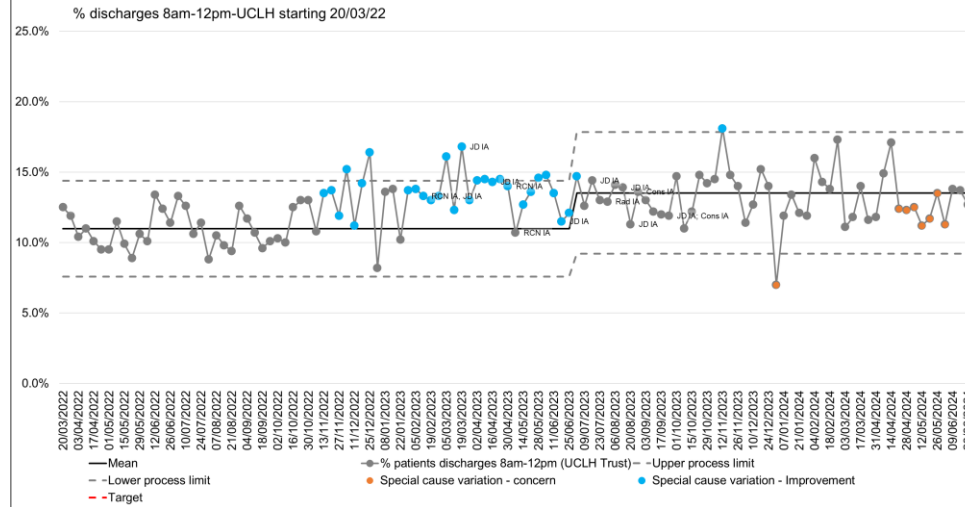


IMPROVEMENT APPROACH

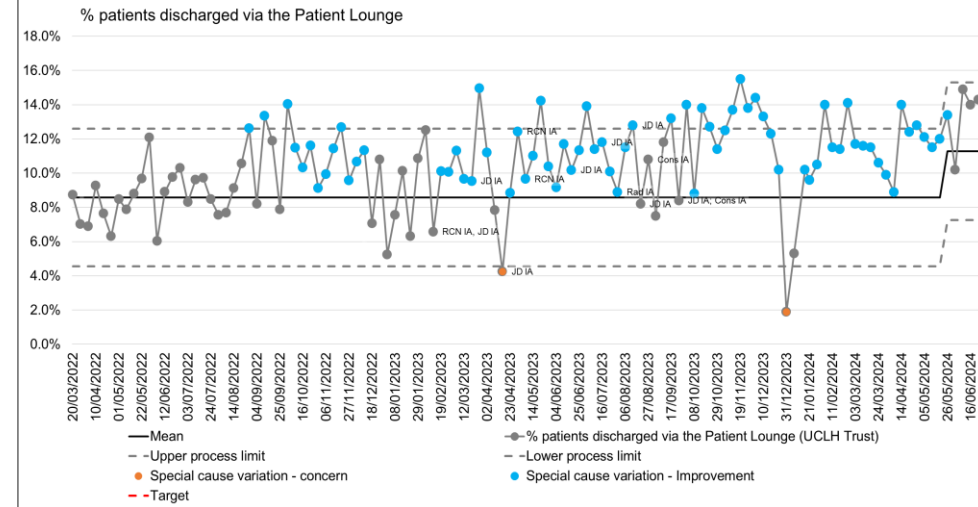


WHAT IMPACT HAVE WE SEEN?

Statistically significant increase in the percentage of discharges between 8am – 12pm



Statistically significant increase in the percentage of discharges via the patient lounge



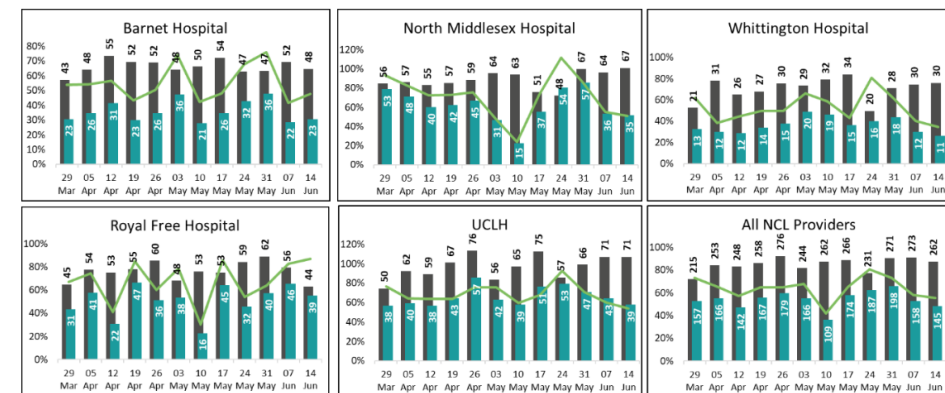
Lowest percentage of our bed base occupied by patients who do not meet the criteria to reside and were not discharged in NCL

Trust	ICB	% bed base occupied by patients who do not meet the criteria to reside and were NOT discharged
Epsom and St Helier University Hospitals NHS Trust	SWL	24.4%
Kingston Hospital NHS Foundation Trust	SWL	21.4%
Imperial College Healthcare NHS Trust	NWL	20.8%
Whittington Health NHS Trust	NCL	20.7%
Lewisham and Greenwich NHS Trust	SEL	19.7%
Chelsea and Westminster Hospital NHS Foundation Trust	NWL	16.0%
Homerton University Hospital NHS Foundation Trust	NEL	15.4%
North Middlesex University Hospital NHS Trust	NCL	14.9%
Guy's and St Thomas' NHS Foundation Trust	SEL	13.6%
Royal Free London NHS Foundation Trust	NCL	10.4%
St George's University Hospitals NHS Foundation Trust	SWL	10.4%
Barking, Havering and Redbridge University Hospitals NHS Trust	NEL	10.3%
Croydon Health Services NHS Trust	SWL	9.9%
University College London Hospitals NHS Foundation Trust	NCL	8.1%
The Hillingdon Hospitals NHS Foundation Trust	NWL	7.8%
King's College Hospital NHS Foundation Trust	SEL	7.5%
London North West University Healthcare NHS Trust	NWL	5.9%
Barts Health NHS Trust	NEL	5.8%

Discharge: Weekend Discharges

Our daily average weekend discharge performance is one of the highest in NCL

Average No. of Discharges per day (Weekday)
 Average No. of Discharges per day (Weekend)
 Weekend-Weekday Discharge Ratio (%)



IN SUMMARY

We're doing our best but don't be fooled, we haven't got everything cracked!

What's next...

- Organisational focus on improving performance across the Emergency Pathway
- Focusing on engaging multidisciplinary teams across the Trust to understand what the barriers and enablers are for them to deliver the UCLH rhythm of the day
- Engaging clinical support services to ensure the whole system is supporting flow

OUR REFLECTIONS...

Engage and empower people

Everything is context dependent - don't have any preconceived ideas

Data is a very powerful engagement tool, use it consistently with purpose

It's all about perseverance and patience - we have learnt to see improvement in years rather than days

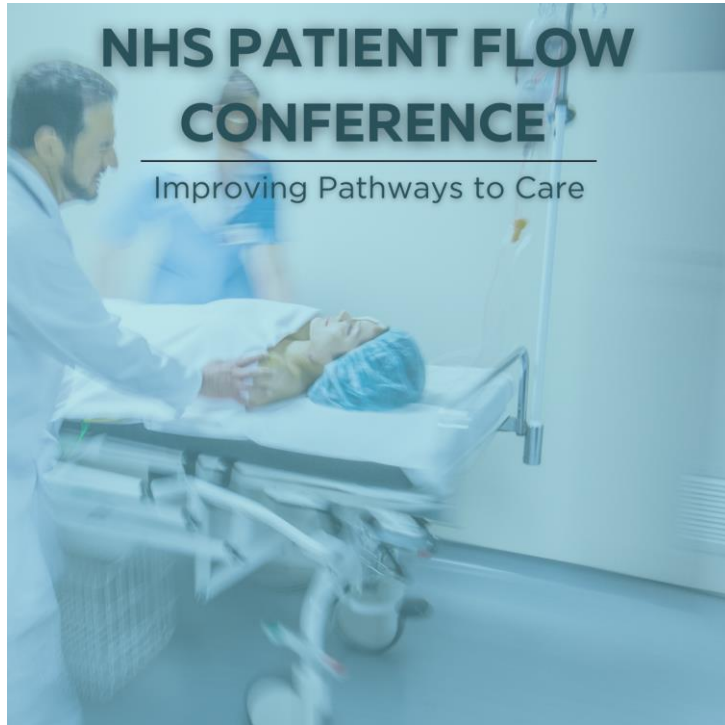
Any questions?

Contact

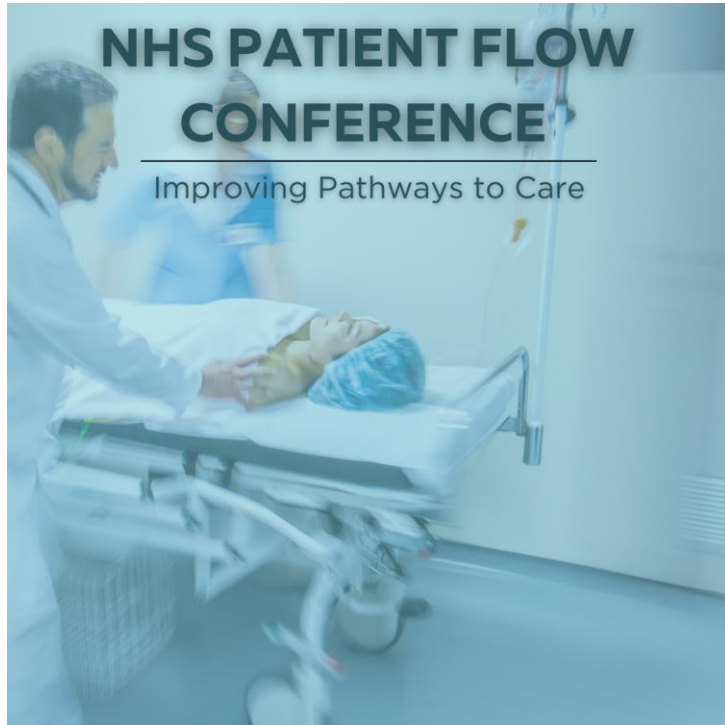
Dr Dalia Ludwig, Clinical Lead for Patient Flow dalia.ludwig@nhs.net

Sally Beyzade, Matron for Patient Flow sally.beyzade@nhs.net

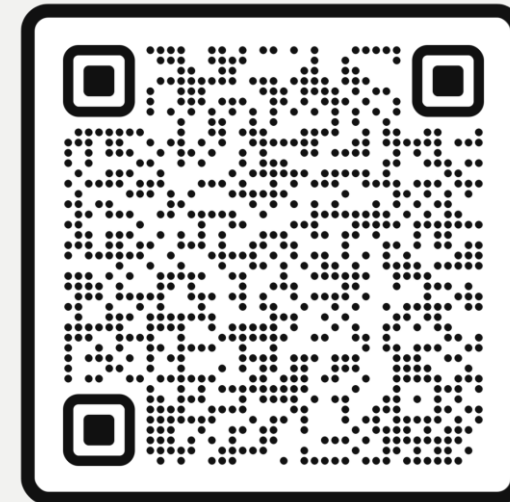
Serena Ng, Senior Improvement Facilitator serena.ng@nhs.net



Drinks and Networking



**Thank you for attending The 15th NHS
Patient Flow Conference!**



**Scan here to book onto our next
National Patient Flow Summit in
November!**