

Report to:	Public Board of Directors	Agenda item:	10
Date of Meeting:	28 March 2018		

Title of Report:	Four Hour Improvement Plan 2017/18
Status:	For Action
Board Sponsor:	Francesca Thompson, Chief Operating Officer
Author:	Sarah Hudson, Acting Divisional Manager Medicine
Appendices	None

#### 1. | Executive Summary of the Report

To update the Board on the 2017/18 RUH Urgent Care Collaborative Board programme performance. The report reflects information up to and including the 28<sup>th</sup> February 2018.

#### 2. Recommendations (Note, Approve, Discuss)

The Board are asked to note the following:

Factors affecting performance

- Ambulance conveyance activity +4.2% variance compared to 2016/17 for week ending 04/03/18.
- Emergency presentations +1.8% year to date variance compared to last financial year
- Emergency Department attendances +0.1% year to date variance compared to last financial year
- There were 1649 beds closed in month due to infection (flu and norovirus)
- Negative impact on bed capacity due to high Delayed Transfers of Care (DTOC). 24
  patients reported at the month end snapshot and 812 delayed days (4.8%) reported

Areas for improvement in March 2018:

- Delivery of the weekly actions within the system wide 4 hour improvement plan, including the recommendations of the NHS Improvement Director of Urgent and Emergency Care. Continue to work with ECIP and subject experts to make service improvements
- System wide focus on patients with a length of stay of > 21 days, supported by the Integrated Discharge Service and Business Intelligence with daily reporting
- Medicine division focus on testing of the daily tactical flow meetings, improving escalation and communication with the aim to support early discharge and reduce length of stay

#### 3. Legal / Regulatory Implications

Care Quality Commission (CQC) Registration 2016/17

# 4. Risk (Threats or opportunities, link to a risk on the Risk Register, Board Assurance Framework etc)

The 4 hour performance is currently on the risk register ID: 634

Authors: Sarah Hudson Acting Divisional Manager Medicine	Date: 1 March 2018
Document Approved by: Francesca Thompson, Chief Operating Officer	Version: v2
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### 5. Resources Implications (Financial / staffing)

Any requests for investment linked to this programme will continue to be reviewed monthly by the Urgent Care Collaborative Board and as directed by the Board, business cases taken through the usual Trust process.

### 6. **Equality and Diversity**

All services are delivered in line with the Trust's Equality and Diversity Policy.

### 7. References to previous reports

Monthly 4 hour performance reports and ECIST Recommendations.

#### 8. Freedom of Information

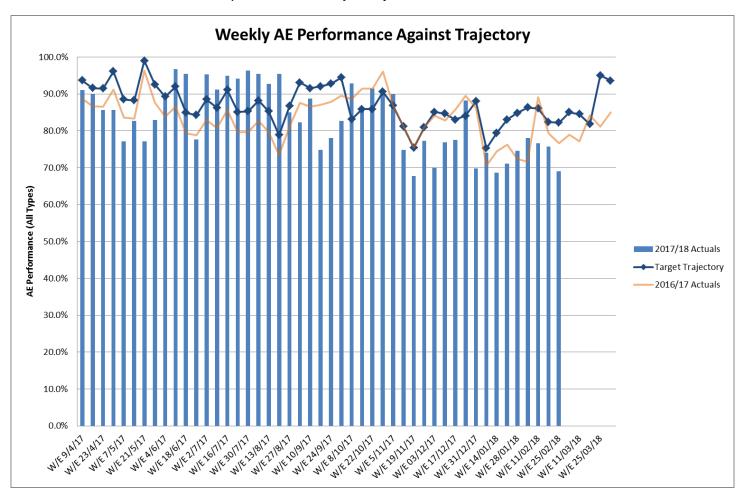
**Public** 



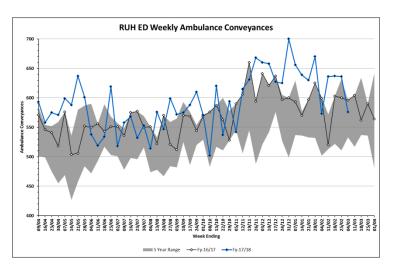
## 1. RUH 4 Hour Performance: February 2018 Month 11

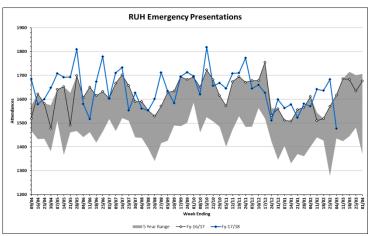
### Improvement Trajectory – Category 4

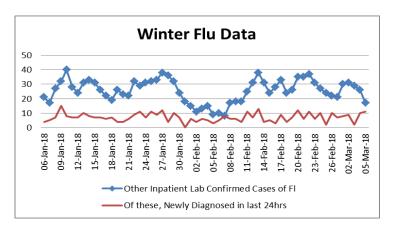
- •February 2018 four hour performance not achieved 74.4% (All Types)
- •Performance did not meet the performance trajectory of 84.3%



- Ambulance conveyance activity +4.2% variance compared to 2016/17 for week ending 04/03/18.
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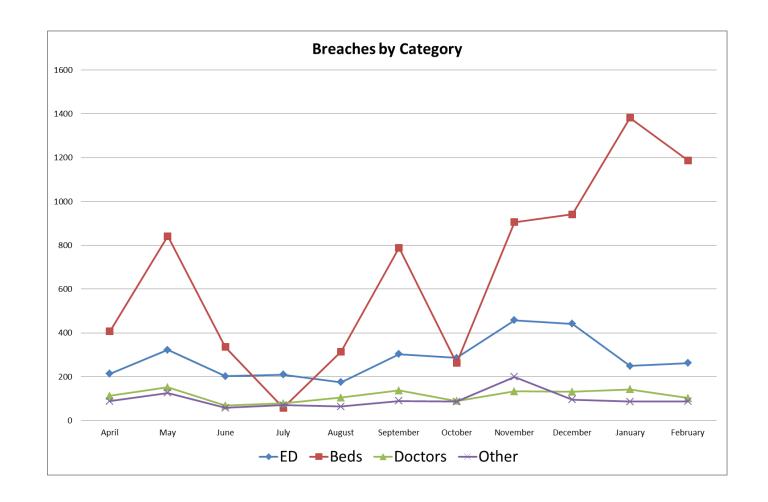




## 2. Four Hour Breach Reasons

### **Factors Influencing Breaches**

- Sustained high levels of ambulance arrivals in month and continuing into March 2018
- Bed occupancy 96.1% ( high) resulting in a high numbers of bed breaches
- Flow and 4 hour performance negatively impacted by
  - High bed occupancy
  - Closed ward areas due to infection (Flu and Norovirus)
- The Trust declared internal significant incident over 4 days in month, in response to capacity demand concerns and poor flow
- A system wide 4 hour performance improvement plan is in place with weekly monitoring via the Urgent Care Task and Finish Group. Actions include recommendations from Pauline Phillips National Urgent and Emergency Care Director following a planned site visit on the 7<sup>th</sup> March 2018



Category	Breach Reason	April	May	June	July	August	September	October	November	December	January	February	YTD	YTD %
	ED Delays	109	226	156	126	116	219	180	356	340	172	179	2179	17%
ED	Clinical Exception	104	96	46	83	59	84	106	102	101	77	83	941	7%
	Medical Bed	280	635	269	17	254	612	207	687	709	1000	892	5562	43%
	Surgical Bed	87	140	41	19	30	128	30	161	143	228	188	1195	9%
	Observation Bed	19	20	14	7	6	10	15	20	18	19	12	160	1%
	Paediatric Bed		2			1	2		4	8	8	0	25	0%
Beds	Side Room	21	44	12	15	23	37	10	34	63	127	96	482	4%
	Medical Doctor	17	16	5	14	27	28	18	23	34	29	21	232	2%
	Surgical Doctor	44	66	25	37	41	55	39	62	52	65	41	527	4%
	Other Doctor	12	9	4	4	5	15	4	1	0	0	0	54	0%
	Mental Health	33	50	32	21	28	30	22	28	30	25	22	321	2%
Doctors	Radiology	7	10	2	2	4	9	6	19	15	23	18	115	1%
	Other	88	124	58	70	64	89	86	116	70	63	75	903	7%
Other		0	2	0	0	0	0	0	83	25	23	12	145	1%
	Total:	821	1440	664	415	658	1318	723	1696	1608	1859	1639	12841	100%
OOH (	7pm-8am) Arrival Breach Total:	372	647	306	179	321	595	387	754	799	771	705	5836	45%
Evening (8pm-Midnight) Arrival Breaches Total:		147	302	120	91	138	257	150	331	340	323	286	2485	19%

<sup>\*</sup> Change in IT system resulted in a period of non capture of breach codes (classified as unknown) which has now been resolved. There are also additional breach codes available which for the purposes of this report have been grouped as "other"

## 3.1 Monthly Urgent Care and Flow Dashboard - Diagnostics

The number of weekly

Trust

ambulance arrivals to the

636

**Ambulance** 

Conveyances



February compared to the

consecutive weeks.

last 5 years, sustained for 3

590 per

week

profile and actions to manage

escalation modelling required to support RUH planning

on site 15/03/18

SWAST prediction and

demand - ECIP subject expert

## 3. 2 Monthly Urgent Care and Flow Dashboard - SAFE

### **Description**

### **How We Did**

### In Month Trend

## **Key Actions**

### **Target**

Emergency Department Time to Triage

The % of patients that are triaged within 15 minutes of arrival to the Emergency Department



Millennium changes implemented 26/02/18

- March 2018 reported data will be a full months dataset following successful Millennium changes in place
- Rapid Assessment and Treatment (RAT) pilot commenced focused on peak arrival times



Frailty Flying Squad (FFS) Patients over 75 years attending ED with a frailty score of >5 receive a speciality multidisciplinary review by the Frailty Flying Squad

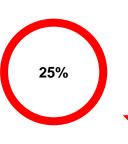


Full Frailty Flying Squad service in place throughout February weekdays. Manual data capture in place, further KPI analysis through Frailty Big Room to determine admission avoidance rate and overall impact on length of stay with early intervention

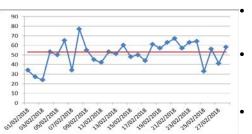
- Manual data capture in place, IT supporting work to capture frailty marker on Millennium
- Frailly Flying Squad in place in the Emergency Department weekdays



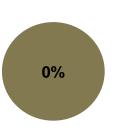
Patient Environment Number of patients in month that ED cared for queuing out or in of the department



1432 patients spent part of their attendance outside of an ED cubicle (25% of all ED attendances in month). Reduced total number of patients compared to January 2018



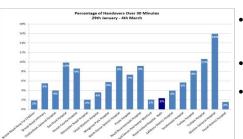
- Continued promotion of Home Hub to support early flow out of the Emergency Department
- Tactical flow meetings in Medicine to identify discharges and barriers to discharges to support planning for next day and enabling early flow HALO and SWAST duty manager support during periods of highest demand



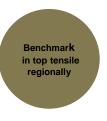
Ambulance handovers All handovers should be within 60 minutes



98% of ambulances were handed over to Emergency Department staff within 30 minutes (data source SWAST)



- Maintain high level of handovers from ambulance to ED and minimise ambulance delays
- Maintain good relationships and communication with SWAT
- ECIP ambulance subject expert on site 15/03/18, recommendations expected



## 3. 3 Monthly Urgent Care and Flow Dashboard - Well Led

Description How We Did In Month Trend Key Actions Target

Nursing staffing rota coverage in ED

The percentage of nurse shifts in the Emergency Department that are not filled with substantive or bank staff

Currently unable to report

- Unable to report for February 2018 shifts, data capture now in place
- Nurse rostering data confirmed as available and will be included in the next report
- Winter funded scheme additional nurse shift fill reported on page 10

>85%

Medical staffing rota coverage in ED

The percentage of doctor shifts in the Emergency Department that are not filled with substantive or bank staff

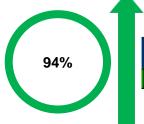
Currently unable to report

- Reporting in place for March 2018 shifts
- Consultant hours extended to midnight 7 days per week
- Middle grade rota gaps remain an issue, mitigation through use of locum/agency where available
- Winter funded scheme additional nurse shift fill reported on page 10

>85%

National Early Warning Score

National Early Warning Score (NEWS) compliance Emergency Department



					_
Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	ŀ
93%	100%	98%	94%	N/A	

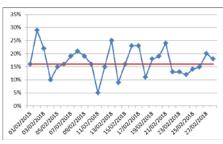
- Quality improvement team continue to work in the Emergency Department
  - Data validation required for February 2018

>90%

Discharges by Midday The % of Non-Elective inpatients discharged by Midday



17.5% of discharges occurred before Midday, reduction of 0.4% compared to January 2018



Patients for Home Hub the next day to be identified at Divisional Tactical Flow meetings to support early flow out of the Emergency Department

33%

days from
referral to
discharge with
Home First

BaNES

1.6 days

Wiltshire

2.5 days

Somerset

1.7 days

South Gloucestershire

2.0 days



- Weekly Home First Group in place
  - Home First Group are attending FLOW training to develop and improve QI and coaching skills, supported by NHS Leadership funding.
- Mid range targets for referrals (graph) achieved

1 day

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## 3. 4 Monthly Urgent Care and Flow Dashboard - Effective

**Description** 

### **How We Did**

### In Month Trend

### **Key Actions**

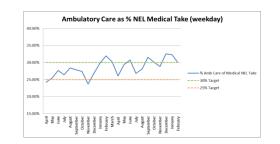
**Target** 

Ambulatory care

Medical Ambulatory Care as % of Adult Non Elective Medical Take (weekday)



Sustained performance above national requirement of 30% of the medical take through ambulatory care



Winter planning 2018/19 increase physical capacity of the Ambulatory Care Unit to further improve opportunity to manage more patients through this pathway. Capital PID completed.

30%

Specialty Review The number of 4 hour breaches due to specialty doctor review delays



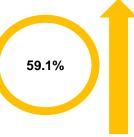
	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18
Medical Doctor	17	16	5	14	27	28	18	23	34	29	21
Surgical Doctor	44	66	25	37	41	55	39	62	52	65	41

Performance remains below internal standard, negatively impacting on 4 hour performance

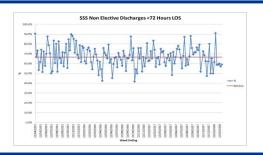
- Internal professional standards, embed escalation processes to facilitate timely review and decision to admit or discharge
- Monitoring of the response within 60 minutes of request by the ED team
- T&O response within 20 minutes to be tested (PDSA)

20

Length of Stay SSSU The median length of stay for patients admitted on Surgical Short Stay Unit will be less than 72 Hours



59.1% of patients discharged from the Surgical Short Stay Unit had a Length of Stay of < 72 hours in February 2018. Impacted by poor trust wide flow and high occupancy.

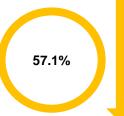


- Medical Outlier review processes to ensure timely review and supporting discharge
- Divisional focus through tactical flow on length of stay
   7 days

66.7%

Length of Stay
MSS

The median length of stay for patients admitted on Medical Short Stay Unit will be less than 72 Hours



57.1% of patients discharged from the Medical Short Stay Unit had a Length of Stay of < 72 hours in February 2018. Impacted by poor trust wide flow and high occupancy and cardiac procedure waiters



- Opportunity identified to increase throughout, currently limited by patients awaiting cardiac procedures
- Clinical lead for cardiology supporting work to prioritise non-elective procedures within 72 hours of request

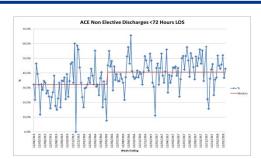
66.7%

Length of Stay
ACE

The median length of stay for patients admitted on Frailty Short Stay Unit (ACE) will be less than 72 Hours



42.9% of patients discharged from the Frailty Short Stay Unit (ACE) had a Length of Stay of < 72 hours in February 2018 (peaked at 52%). Impacted due to poor trust wide flow and bed closures due to flu.



- Frailty Big Room weekly review of data and applying QI methodology to continually improve position and patient throughput
- Earlier discharge Impacted by limitation in Home First Capacity

66.7%

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## 3. 5 Monthly Urgent Care and Flow Dashboard - Responsive

**Description** 

### **How We Did**

### In Month Trend

## **Key Actions**

**Target** 

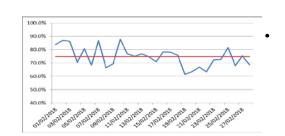
4 Hour performance

The Trust should see 95% of all patients (type 1 and 3) within 4 hours from arrival to transfer admission, discharge



February 2018 four hour performance not achieved 74.4% (All Types)

Performance did not meet the performance trajectory of 84.3%



system wide performance improvement plan place weekly with monitoring via the Urgent Care Task and Finish Group and weekly reporting to the A&E **Delivery Board** 

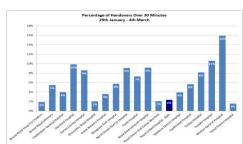


**Ambulance** handovers

All handovers should be within 60 minutes



98% of ambulances were handed over to Emergency Department staff within 30 (data minutes source SWAST)



Maintain high level of handovers from ambulance to ED minimise ambulance delays

Maintain good relationships and communication with SWAT

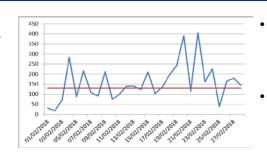
ECIP ambulance subject expert 15/03/18, site recommendations expected

Benchmark in top tensile regionally

**Decision to** Admit (DTA) to Admission Median wait from DTA to Admission should not exceed 120 minutes



In February the median trolley wait was 139.5 minutes. This has improved compared January 2018. Performance impacted by medical staffing shift fill



Specialty response time and internal professional standards require embedding and recoding of review in the ED (IT solution has been agreed)

patients sitting out and enable early

Department and Assessment Units

from the Emergency

120 The use of home hub to facilitate

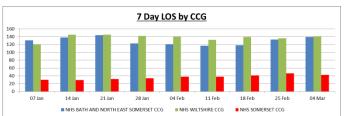
minutes

Length of stay >7 Days

Median Number of Patients with a LOS 7+ days



**Februarys** median was 327, peaking at 336 for admission after 18/02/18



- System wide review of all patients with a > 21 day length of stay
- Tactical flow review of > 7 day of stay
- Daily data reporting of all > 7 day length of stay to each CCG (replacing the "green list")

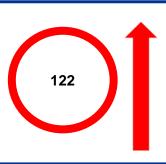
250

## 3. 6 Monthly Urgent Care and Flow Dashboard - Caring

**Description Target In Month Trend Key Actions How We Did** 

Length of Stay >21 Days

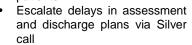
Median Number of Patients with a LOS 21+ Days



January's median was 122 peaking at 134 for admissions from 14/01/18



Improve assessment stranded and super stranded patients



Gold focus on system wide improvement plan



Friends and **Family Test** 

Response rate of > 20% for Front Door Services Emergency Department and Medical Assessment Unit







February position improved compared to January 2018. Overall 3347 248 7.4% Front Door Response 167 56 33.5% ledical Assessment Unit 9.5% ED, MAU & SAU) 216 52 24.1% 3730 356 9.5%

**Emergency Dept Total** 

Focus across the Front Door to increase distribution of FFT cards

97

93

98

97





## 4. National Urgent and Emergency Care Recommendations

#### 1. Introduction

During this current Quarter 17/18, the RUH urgent and emergency care system has slipped from Category 3 to Category 4, determined through the level of 4 hour performance. The system level of performance is also towards the bottom of Category 4 and not meeting either the national standard of 95% or the agreed improvement trajectory. STF allocation is aligned to delivery of the 4 hour performance.

#### 2. System wide

The A&E Delivery Board meets monthly and is Chaired by James Scott. The formal agenda has been revised to increase the level of understanding on what is required to improve performance, together with agreeing the key areas of focus. During the month of Febuary, a system wide improvement plan has been compiled with a weekly monitoring action system, supported by key metrics in the areas of

- Stranded (7 day +) and super stranded (21 day +) patients
- maximising winter plans
- front door management
- strengthening weekend working

### 2.1

The whole system has agreed that the scale of stranded patients, and in particular the super stranded cohort, is the single most collective requirement for action. The RUH is seen as a national outlier with 19% super stranded and 55% stranded patients within our bed base (at the time of reporting) against National levels of 14% and 49% respectively. This level of performance has been protracted during the course of 17/18. As routinely reported to the Board, the Delayed Transfer of Care (DTOC) levels are also not meeting the nationally set target of 3.5%.

#### 2.2

The system wide improvement plan is required to reflect each partners contribution in detail. As a consequence, both Wiltshire and BaNES commissioners have instigated weekly processes to oversee community and primary care actions. In addition, a weekly strategic call, Chaired by BaNES CCG is reviewing the actions and metrics by exception.

Due to a period of heightened escalation post severe weather, a strategic meeting was convened by James Scott on Monday 5th March 2018. It was acknowledged Nationally, that patterns of demand had been exceptional post severe weather, however the RUH reported that it could not sustain the existing level of super stranded patients within the bed base. A number of urgent actions were agreed by partners to identify additional intermediate care beds in both BaNES and Wiltshire. The RUH agreed to lead on the expansion of Home First through jointly recruiting extra staff and seconding some of our own staff to cover some of the key vacancies in the community providers. At the time of reporting, good progress against these extraordinary actions is being made, but not concluded.

#### 2.3 NHSE/I

Both NHSE and NHSI attend the weekly strategic calls and are awaiting submission of the system wide improvement plan. There is alignment and commitment to assist the system in reducing the levels of patient delays.

#### 2.3.1

On the 7th March 2018, the NHS Improvement National Urgent & Emergency Care Director and NHSE Director of Commissioning & Operations visited the RUH and met with members of the Executive team and the Medicine Division, The focus was visiting our emergency department and gaining an understanding of the root causes to our level of 4 hour performance. The following is a summary of the NHS Improvement National Directors ED pathway observations and thoughts, following discussion with the NHSE National Director of Operations who has also recently visited the RUH:

- an expectation that frontline staff should continually trial and experiment on making changes to achieve better outcomes
- a determination that the Urgent Care Centre will be optimised at the point of mobilising the new contract, through the use of acute staff skillset
- an expectation that the emergency department is freshly decorated to enhance the patient and staff experience
- a positive view that the emergency department is right sized and minors and paediatrics is functioning to national expectation
- an expectation that the orthopaedic inter professional standard for patient review is set at 20 minutes opposed to 60 minutes
- an expectation that ITU capacity is prioritised to facilitate timely ED transfers
- an expectation that a bed management system will be prioritised and implemented with ease for frontline staff
- an expectation that the senior review of patients is taking place twice daily and with a level of continuity
- an expectation of Executive oversight in stranded patients and overall length of stay
- an acknowledgement of the super stranded patient levels and the collective action required in order for this to be reduced

These points will all be included in the system improvement plan as set out in 2.2. and monitored weekly by the urgent task and finish group, Chaired by the Divisional Manager for Medicine.

## 5. Monthly Urgent Care and Flow Dashboard – Winter Schemes January – March

The RUH is committed to schemes for the Winter to support flow within the Trust.

Monitoring at the weekly Urgent Care Task & Finish Group

These schemes include:

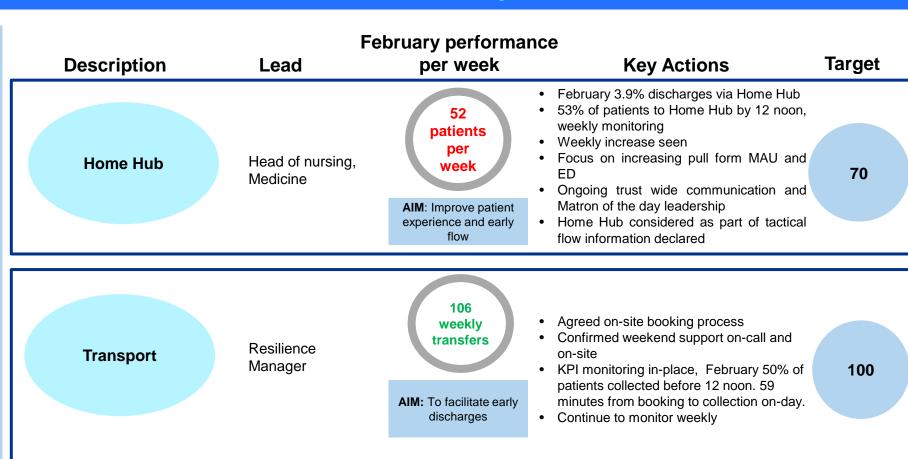
**Home hub** dedicated space where confirmed discharges are located whilst waiting for transport

**Additional transport** – FAST ambulance for discharge and transfer activity, transport lead working on-site

Additional Front Door staffing to support the increase activity anticipated in ED. During January Front Door staff funding has also been allocated to support a Pilot RAT (Rapid Assessment and treatment) in week which has continued throughout February

**PDSA FLOW coordinators** to support ED & MAU coordinator to monitor and progress patients out of the department and achieve the 4 hour quality standard.

In addition to the schemes outlined, a system wide 4 Hour improvement plan is reviewed weekly at the Urgent care Weekly Task and Finish group





Focus on weekends and in-week evenings
 February agreed extension of Rapid

Assessment and Treatment pilot in ED

Monitor sickness within the department reducing impact of

department, reducing impact of additional staff

 Monitoring ED breaches and mapping by time of day Weekday 40% Weekend 70%

Flow coordinators

Deputy head of Nursing, medicine, ED matron



increase demand and

maintain ED flow

Aim: To focus on flow out of ED and MAU, improve communication

- Recruitment completed and postholders have completed induction
- Commenced 26<sup>th</sup> Feb 2018, PDSA in place
- Working with ECIP on processes and KPI's

Transfers by 12 noon from MAU

## 6. Governance Structure

