## Liverpool Heart and Chest Hospital **NHS**

**NHS Foundation Trust** 

## **Board of Directors (Public)**

Board report

Subject: Prepared by:

LHCH Monthly Staffing for Reporting Period for February 2016 Lisa Salter, Divisional Head of Nursing and Quality for Surgery

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Data Quality Rating	BAF Ref	Impact on BAF Risk Rating?
Bronze	1,2	None

#### 1.0 Executive Summary

From June 2014, NHS England has stipulated that all Trusts with inpatient beds are required on a monthly basis to publish their staffing levels (planned versus actual) in hours on the NHS Choices website. In addition, Trusts are required to publish this data on their own website, on an individual ward basis. This information sits alongside a range of other indicators related to staffing within the Trust e.g. date of last fall/ pressure ulcer etc.

It is also a requirement of NHS England for Trusts to present staffing information on a monthly basis to the Board of Directors to ensure they are appraised of staffing within the organisation in line with national directives. LHCH highlights this information on each ward to the public. In addition, this information is displayed on electronic boards at the entrance of each ward which is updated for each shift.

At LHCH, information relating to staffing establishments, patient safety issues, occupancy etc., has been presented 6-monthly for the last 4 years, undergoing scrutiny by the Heads of Nursing. A report has been presented in December 2015 to the Quality Committee and Divisional Governance Committees by the Heads of Nursing. This report details planned and actual nurse staffing levels for the month of February 2016, including any red flag concerns. All shifts were reported as safe during the month however there were 17 days with red flag concerns noted for Mulberry ward and 11days with red flags on Cherry ward due to not having 2 registered nurses on each shift. (Explanation of red flags can be found in Appendix 1). Safety was not compromised as at no time was the registered nurse responsible for more than eight patients.

#### 2.0 Staffing Report

The information demonstrates the staffing information per ward and details planned staffing versus actual, stating which shifts have not met their staffing ratio and reasons for this. Where staffing compliance is not at 100%, the paper details the reasons why and the action taken to address the shortfall. On a daily basis, professional judgement is used to ensure that the wards

have the appropriate staff and skill mix in place to ensure that safe quality care is delivered to patients and their families. Any risks are managed and escalated to the Heads of Nursing and discussed at the safety huddle with the Chief Executive. The February data can be found below that is submitted to UNIFY and uploaded onto LHCH intranet / internet / NHS Choices based on the information included in this paper.

#### **February Data**

#### **Cherry Ward**

Staff requirements on each shift: split into RN (Registered nurse), AP (Assistant Practitioner) and HCA (Healthcare Assistant)

	Early shift	Late shift	Night shift
Monday - Friday	2RN1AP 1HCA	2RN 1AP 1HCA	2RN 1HCA
Saturday /Sunday	2RN 1HCA	2RN 1HCA	2RN 1HCA

	Compliance with planned staffing %	Variance to planned staffing %	Comments/Actions
RN Day shifts	94.9	-5.1	The Ward Manager
RN Night shifts	87.9	-12.1	has worked several
HCA / AP Day shifts	75	-25	shifts to cover an
HCA / AP Night shifts	93.1	-6.9	increase in short-term sickness and nursing staff from Maple have supported Cherry ward when required. There were 11 days where red flags were identified and this was due to only 1RN on shift, however occupancy was less than 8 patients and an Assistant Practitioner was available. All shifts have been safe.

#### **Birch Ward:**

Staff requirements on each shift:

	Early shift	Late shift	Night shift
Monday - Friday	7RN 1AP 4HCA	7RN 4HCA	4RN 2HCA
Saturday /Sunday	7RN 3HCA	6RN 3HCA	4RN 2HCA

	Compliance with planned staffing %	Variance to planned staffing %	Comments/ Actions
RN Day shifts	96	-4	Where required the Ward Manager has
RN Night shifts	94	-6	worked shifts to cover
HCA / AP Day shifts	82.3	-17.7	sickness. Support has
HCA / AP Night shifts	93.1	-6.9	been given from other areas to assist with high acuity at times. All shifts have been reported as safe.

Maple Suite: Staff requirements on each shift:

	Early shift	Late shift	Night shift
Monday - Friday	3RN 1AP 1HCA	2RN 1AP 1HCA	2RN 1HCA
Saturday /Sunday	2RN 1AP 1HCA	2RN 1AP 1HCA	2RN 1HCA

	Compliance with	Variance to	Comments/Actions
	planned staffing %	planned staffing %	
RN Day shifts	92.7	-7.3	An Assistant
RN Night shifts	100	0	Practitioner has
HCA / AP Day shifts	71.6	-28.4	temporarily been
HCA/ AP Night shifts	96.5	-3.5	relocated to support Cedar ward hence the reduction in HCAs on a day shift. Maple and Cherry ward have been working closely to ensure all shifts are safe. The Division has been working towards the merging of the two wards to assist in aligning standards and to ensure optimum working of the teams to provide high quality patient care. This merger will be formalised on 1 <sup>st</sup> March. All shifts are reported as safe.

Coronary Care Unit: Staff requirements on each shift:

	Early shift	Late shift	Night shift
Monday - Sunday	7RN 1AP 1HCA	7RN 1HCA	7RN 1HCA

	Compliance with planned staffing %	Variance to planned staffing %	Comments/Actions
RN Day shifts	91	-9	Where required and
RN Night shifts	93.6	-6.4	when occupancy and
HCA / AP Day shifts	97.7	-2.3	acuity has allowed, the
HCA / AP Night shifts	79.3	-20.7	Nurse in Charge has also monitored the telemetry system. The reduced HCA shifts on nights are due to short term sickness which has since resolved. All shifts are reported as safe.

#### **Cedar Ward**

Staff requirements on each shift:

Day	Early	Late	Night
Mon - Fri	6RN and 3HCA	5RN and 3HCA	4RN and 3HCA
Sat –Sun	6RN and 3HCA	5RN and 3HCA	4RN and 3HCA

	Compliance with planned staffing %	Variance to planned staffing %	Comments/Actions
RN Day shifts	76.8	-23.2	The gaps in RN are due to
RN Night shifts	85.3	14.7	some vacancies which are
HCA / AP Day shifts	150	+50	now all appointed to and
HCA / AP Night shifts	104.6	+4.6	awaiting start dates of staff. Assistant practitioners have been utilised where appropriate. All shifts are reported as safe.

#### **Elm Ward**

Staff requirements on each shift:

	Early shift	Late shift	Night shift
Monday - Sunday	5 RN and 3 HCA	4 RN and 3 HCA	3 RN and 1 HCA

	Compliance with planned staffing %	Variance to planned staffing %	Comments/Actions
RN Day shifts	95.4	-4.6	There has been an
RN Night shifts	97.7	-2.3	increased need to use
HCA / AP Day shifts	112.1	+12.1	extra HCA staff to
HCA / AP Night shifts	158.6	+58.6	support patients who have had strokes, are delirious and are on DOLS assessments due to continuous wandering and risk of falls. This month has been particularly difficult with several patients confused awaiting beds in other hospitals. All shifts are reported as safe.

### HDU

Staff requirements on each shift:

	Early shift	Late shift	Night shift
Monday - Friday	2RN +1 SW	2RN +1 SW	2RN +1SW
Saturday - Sunday	2RN + 1 SW	2RN + 1SW	2RN +1 SW

	Compliance with planned staffing %	Variance to planned staffing %	Comments/Actions
RN Day shifts	101.2	+1.2	The requirement is variable
RN Night shifts	98.9	-1.1	dependent on activity.
HCA / AP Day shifts	96.3	+3.7	There have been 2 shifts
HCA / AP Night	100	100	where HDU was open to 5

shifts		patients but was staffed
		accordingly. All shifts are
		checked on a shift basis and
		reported as safe.

#### Oak Ward

Staff requirements on each shift:

	Early shift	Late shift	Night shift		
Monday - Sunday	4 RN and 3 HCA	4 RN and 2 HCA	3 RN and 2 HCA		

	Compliance with planned staffing %	Variance to planned staffing %	Comments/Actions
RN Day shifts	96.8	-3.2	The gaps in RN are
RN Night shifts	98.9	-1.1	due to vacancies and
HCA / AP Day shifts	108.3	+8.3	awaiting new staff to
HCA / AP Night shifts	105.2	+5.2	start in post. Some extra HCAs have been utilised to support patients requiring further support due to confusion / risk of falls. All shifts are reported as safe.

# Mulberry Ward (formerly Surgical Admissions Unit) Staff requirements on each shift:

	Early shift	Late shift	Night shift						
Monday - Thursday	2 RN and 1 HCA	2 RN and 1 HCA	1 RN 1 AP / 2RN						
Friday	2 RN and 1 HCA	CLOSED	CLOSED						
Saturday	CLOSED	CLOSED	CLOSED						
Sunday	CLOSED	2RN and 2 HCA	1 RN 1 AP / 2RN						

	Compliance with planned staffing %	Variance to planned staffing %	Comments/Actions				
RN Day shifts	79.8	-20.2	There is a reduction in				
RN Night shifts	72.5	-27.5	RNs on each shift. On these occasions,				
HCA / AP Day shifts	121.4	+21.4	there has been an AP				
HCA / AP Night shifts	122.2	+22.2	and HCA on shift and the ratio of nurse to patients has been 1:8 or less and the ward is noted to be safe. However, we are not compliant with national NICE guidance of 2 RNs per shift. This has resulted in red flags being noted. This has been highlighted within the annual plans for 2016/17 and the division of surgery is looking at how this gap can be filled. All shifts have been reported as safe.				

**SICU** Staff requirements on each shift:

	Compliance %	Variance %	Comments/Actions
RN Day shifts	98.9	-1.1	This information is
RN Night shifts	98.3	-1.7	assessed on a shift
HCA / AP Day shifts	110.3	+10.3	basis and staffing
HCA / AP Night shifts	110.6	+10.6	appropriate for patient care. Staffing has reflected the levels of care required within POCCU / ITU.

#### 3.0 Summary

In summary, there have been red flags within Mulberry ward and Cherry ward in relation to the standard to have 2 registered nurses per shift. This is being reviewed within the Divisions and the Senior Nursing team. The wards however, are safe and staff is managed according to occupancy and reviewed on a shift by shift basis. Where dependent patients are identified, extra staff are brought in to support them. Further discussions are also held at the daily safety huddle in the CEO office daily at 9.30am.

The paper has identified several themes, which are currently being actioned:-

- Regular daily discussions between the Ward Managers and Heads of Nursing to examine staffing and the results of each paper.
- Close inter-divisional team working to enable quick flexible responses to unpredictable events such as last minute sickness, increase in patients undergoing Primary PCI, increased acuity/dependency of surgical post-operative patients and cancelling of bank staff.
- The request for extra staffing for registered nurses on Mulberry ward is being considered as part of annual planning for 2016 /17.

#### 4.0 Recommendations

#### The Board of Directors are requested to:

- Receive assurance related to nurse staffing for in-patient wards, as per national directives, noting actions being taken to ensure patient safety and quality of care is maintained.
- Receive assurance that staffing is appropriate and is flexed according to patient need and patient safety risk assessments, following escalation processes.
- Receive monthly reports of staffing at all planned board meetings.

#### Appendix 1

- Unplanned omission in providing patient medications.
- Delay of more than 30 minutes in providing pain relief.
- Patient vital signs not assessed or recorded as outlined in the care plan.
- Delay or omission of regular checks on patients to ensure that their fundamental care needs are met as outlined in the care plan. Carrying out these checks is often referred to as 'intentional rounding' and covers aspects of care such as:
  - Pain: asking patients to describe their level of pain level using the local pain assessment tool.
  - Personal needs: such as scheduling patient visits to the toilet or bathroom to avoid risk of falls and providing hydration.
  - o Placement: making sure that the items a patient needs are within easy reach.
  - Positioning: making sure that the patient is comfortable and the risk of pressure ulcers is assessed and minimised.
- A shortfall of more than 8 hours or 25% (whichever is reached first) of registered nurse time available compared with the actual requirement for the shift. For example, if a shift requires 40 hours of registered nurse time, a red flag event would occur if less than 32 hours of registered nurse time is available for that shift. If a shift requires 15 hours of registered nurse time, a red flag event would occur if 11 hours or less of registered nurse time is available for that shift (which is the loss of more than 25% of the required registered nurse time).
- Less than 2 registered nurses present on a ward during any shift.

### Appendix 2 February 2016

				D	ay			Ni	ght		Da	ay	Niç	ght
	Main 2 Specialt	Main 2 Specialties on each ward		Registered Ca		Caro Staff		Registered dwives/nurses Care State		Care Staff			Average fill	
Ward name	Specialty 1	Specialty 2	Total monthly planned staff hours	Total monthly actual staff hours	rate - registered nurses/midwiv es (%)	Average fill rate - care staff (%)	rate - registered nurses/midwiv es (%)	Average fill rate - care staff (%)						
AMANDA UNIT (Cherry)	320 - CARDIOLOGY	340 - RESPIRATORY MEDICINE	1027.5	975	870	652.5	543.75	478.1	271.8	253.1	94.9%	75.0%	87.9%	93.1%
BIRCH WARD (WARD A)	320 - CARDIOLOGY	320 - CARDIOLOGY	3202.5	3075	1740	1432.5	1087.5	1022	543.75	506.25	96.0%	82.3%	94.0%	93.1%
	170 - CARDIOTHORACIC SURGERY	100 - GENERAL SURGERY	2550	1957.5	1305	1957.5	1087.5	928.12	815.62	853.12	76.8%	150.0%	85.3%	104.6%
CORONARY CARE UNIT	320 - CARDIOLOGY	320 - CARDIOLOGY	2985	2715	652.5	637.5	2172	2033	310.3	246.1	91.0%	97.7%	93.6%	79.3%
	170 - CARDIOTHORACIC SURGERY	170 - CARDIOTHORACIC SURGERY	11932	11797.5	1957.5	2160	8706	8557.3	1237.72	1369.32	98.9%	110.3%	98.3%	110.6%
ELM WARD (WARD E)	170 - CARDIOTHORACIC SURGERY	170 - CARDIOTHORACIC SURGERY	2115	2017.5	1305	1462.5	815.62	796.87	271.87	431.25	95.4%	112.1%	97.7%	158.6%
HQ - RBQHQ											<u> </u>			
	170 - CARDIOTHORACIC SURGERY	170 - CARDIOTHORACIC SURGERY	1897.5	1837.5	1087.5	1177.5	815.62	806.25	543.75	571.87	96.8%	108.3%	98.9%	105.2%
SURGICAL ADMISSIONS UN	170 - CARDIOTHORACIC SURGERY	170 - CARDIOTHORACIC SURGERY	630	502.5	315	382.5	375	271.87	84.37	103.12	79.8%	121.4%	72.5%	122.2%
THORACIC "HDU"	170 - CARDIOTHORACIC SURGERY	100 - GENERAL SURGERY	630	502.5	315	382.5	375	271.87	84.37	103.12	79.8%	121.4%	72.5%	122.2%
MAPLE SUITE (AL1)	320 - CARDIOLOGY	170 - CARDIOTHORACIC SURGERY	1027.5	952.5	870	622.5	543.75	543.75	271.9	262.5	92.7%	71.6%	100.0%	96.5%