

Board of Directors (in Public)

Item 3.4.1

Subject: LHCH Monthly Staffing for Reporting Period for April 2018
Date of meeting: 3rd July 2018
Prepared by: Fiona Altintas, Divisional Head of Nursing and Quality for Surgery
 Steven Colfar, Divisional Head of Nursing & Quality for Clinical Services
 Karen Wafer, Divisional Head of Nursing and Quality for Medicine
Presented by: Sue Pemberton, Executive Director of Nursing & Quality
Reason: For Noting

| BAF Ref | Impact on BAF |
|----------|---------------|
| 1.1, 1.2 | No impact |

1.0 Executive Summary

The National Quality Board (NQB) publication Supporting NHS providers to deliver the right staff, with the right skills, in the right place at the right time: Safe, sustainable and productive staffing (2016) outlines the expectations and framework within which decisions on safe and sustainable staffing should be made to support the delivery of safe, effective, caring, responsive and well-led care on a sustainable basis. It builds on National Institute for Health and Care Excellence (NICE) guidelines on safe staffing for nursing in adult inpatient wards, and is informed by NICE's comprehensive evidence reviews of research, and subsequent evidence reviews focusing specifically on staffing levels and outcomes, flexible staffing and shift work. The need to consider the wider multidisciplinary team when looking at the size and composition of staff for any setting is highlighted as important within these documents.

The nursing establishment is defined as the number of registered nurses and healthcare assistants who work in a particular ward, department or team. Decision-making to ensure safe and sustainable staffing must follow a clear and logical process that takes account of the wider multidisciplinary team. Although registered nurses and healthcare assistants (HCAs) provide a significant proportion of direct care, other groups to consider include:

- ☐ Medical staff
- ☐ AHPs
- ☐ Pharmacists
- ☐ Advanced clinical practitioners
- ☐ Volunteers

The Model Hospital dashboard makes it possible to compare with peers using CHPPD and the Trust is awaiting this to be populated fully to allow for benchmarking. Finding peers that are close comparators is important as aspects such as patient acuity, dependency, turnover and ward support staff will differ. While NICE guidance identified evidence of "increased risk of harm associated with a registered nurse caring for more than 8 patients during the day shifts", it clearly stated there is "no single nursing staff-to-patient ratio that can be applied across all acute

adult inpatient wards". NHSI state that they have found no new evidence to inform a change to this statement (NHS Improvement Evidence Review One 2016). All shifts were reported as safe during the month.

2.0 April 2018

This report details planned and actual nurse staffing levels for the month of April 2018, including any red flag concerns. All shifts were reported as safe during the month. All planned staffing for nursing in LHCH is assessed as required for the ward to run at full capacity, if capacity is reduced then the planned staffing changes accordingly. In April 2018;

- There were 3 shifts on Oak ward where there was one RN less than planned however this was mitigated by Assistant Practitioners and Advanced Nurse Practitioners covering plus a reduction in the number of patients. Staffing was reviewed and acceptable and safe for the number and acuity of patients.
- On Mulberry ward when it is at full capacity (12 beds) we would plan to have 2 RNS on each shift however the ward generally runs with no more than 8 patients so the surgical division plan to have one nurse on each shift.
- Staff on CCU highlighted one late shift that was busy with high acuity. However, on review the staffing was acceptable and safe for the acuity of patients on this shift.
- Occupancy on HDU remains low and staffing levels have been reduced to reflect this. Some shifts did not require HCA support as a result.

3.0 Summary

All shifts have been reported as safe. Each day a review of staffing takes place Trust wide to ensure that all patients can be cared for safely. This does, however, result in staff moves on occasion to manage risk and to provide additional support for areas where acuity of patients is higher.

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 are 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.
- Receive the Care hours per patient day (CHPPD) data

Organization: RBQ Liverpool Heart And Chest NHS Foundation Trust

Please provide the URL to the page on your trust website where your staffing information is available

ensure that the URL you attach to the spreadsheet is correct and links to the correct web page and include 'http://'

only complete
after your
organization is
approved for

| | | | Only complete after your registration is complete for | | Day | | | | Night | | | | Day | | Night | | Care Hours Per Patient Day (CHPPD) | | | |
|---|----------------------------------|-----------------|--|------------------------------|---------------------------------|---|---------------------------------|---|---------------------------------|---|---------------------------------|---|---|--|---|--|--|---------------------------------------|---------------|---------|
| Hospital Site Details | | Vard name | Main 2 Specialties on each ward | | Registered midwives/nurses | | Care Staff | | Registered midwives/nurses | | Care Staff | | Average fill rate - registered nurses/ midwife s (%) | Average fill rate - care staff (%) | Average fill rate - registered nurses/ midwife s (%) | Average fill rate - care staff (%) | Cumulative count over the month of patients at 23.59 | Registered midwife s/ nurses | Care Staff | Overall |
| Site code *The Site code is automatically populated when a Site name is | Hospital Site name | | Specialty 1 | Specialty 2 | Total monthl y planned | Total monthl y actual staff | Total monthl y planned | Total monthl y actual staff | Total monthl y planned | Total monthl y actual staff | Total monthl y planned | Total monthl y actual staff | | | | | | | | |
| RBQHQ | CART AND CHEST HOSPITAL NHS TRUS | Cedar Ward | 170 - CARDIOTHORACIC SURGERY | | 2790 | 2760 | 1627.5 | 1830 | 1162.5 | 1078.13 | 697.5 | 992.75 | 98.9% | 112.4% | 92.7% | 142.5% | 994 | 3.9 | 2.8 | 6.7 |
| | | Elm Ward | 170 - CARDIOTHORACIC SURGERY | | 1860 | 1747.5 | 1162.5 | 1410 | 871.875 | 825 | 581.25 | 637 | 94.0% | 121.3% | 94.6% | 109.6% | 592 | 4.3 | 3.5 | 7.8 |
| | | Oak Ward | 170 - CARDIOTHORACIC SURGERY | | 1860 | 1632 | 1395 | 1612.5 | 871.875 | 787.5 | 1395 | 1432.5 | 87.7% | 115.6% | 90.3% | 102.7% | 523 | 4.6 | 5.8 | 10.4 |
| | | Mulberry Ward | 170 - CARDIOTHORACIC SURGERY | | 510 | 577.5 | 255 | 232.5 | 318.75 | 262.5 | 140.625 | 130.25 | 113.2% | 91.2% | 82.4% | 92.6% | 220 | 3.8 | 1.6 | 5.5 |
| | | Birch Ward | 320 - CARDIOLOGY | 340 - RESPIRATORY MEDICINE | 3150 | 2752.5 | 2242.5 | 1972.5 | 1125 | 1125 | 562.5 | 581.25 | 87.4% | 88.0% | 100.0% | 103.3% | 1123 | 3.5 | 2.3 | 5.7 |
| | | Maple Ward | 340 - RESPIRATORY MEDICINE | 320 - CARDIOLOGY | 1125 | 907.5 | 675 | 585 | 562.5 | 552.125 | 281.25 | 281.25 | 80.7% | 86.7% | 98.3% | 100.0% | 234 | 5.1 | 3.1 | 8.2 |
| | | Cherry Ward | 340 - RESPIRATORY MEDICINE | | 900 | 892.5 | 900 | 472.5 | 562.5 | 562.5 | 281.25 | 262.5 | 99.2% | 52.5% | 100.0% | 93.3% | 277 | 5.3 | 2.7 | 7.9 |
| | | Critical Care | 192 - CRITICAL CARE MEDICINE | 170 - CARDIOTHORACIC SURGERY | 12,825 | 12907 | 1575 | 1657 | 8962.8 | 9048.1 | 1280 | 1216 | 100.6% | 105.2% | 101.0% | 95.0% | 842 | 26.1 | 3.4 | 29.5 |
| | | High Dependency | 170 - CARDIOTHORACIC SURGERY | 192 - CRITICAL CARE MEDICINE | 270 | 270 | 97.5 | 97.5 | 192 | 192 | 85.3 | 85.3 | 100.0% | 100.0% | 100.0% | 100.0% | 57 | 8.1 | 3.2 | 11.3 |
| | | CCU | 320 - CARDIOLOGY | | 2925 | 2887.5 | 675 | 622.5 | 1968.75 | 1893.75 | 281.25 | 262.5 | 98.7% | 92.2% | 96.2% | 93.3% | 275 | 17.4 | 3.2 | 20.6 |
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Appendix 3

Introduction to Care Hours per patient Day (CHPPD)

One of the obstacles to eliminating unwarranted variation in nursing and care staff deployment across the NHS provider sector has been the absence of a single means of recording and reporting deployment. Conventional units of measurement that have been developed previously have informed the evidence base for staffing models, – such as reporting staff complements using WTEs, skill-mix or patient to staff ratios at a point in time, but it is recognised by Nurse leaders may not reflect varying staff allocation across the day or include the wider multidisciplinary team. Also, because of the different ways of recording this data, no consistent way of interpreting productivity and efficiency is straightforward nor comparable between organisations.

To provide a single consistent way of recording and reporting deployment of staff working on inpatient wards/units we developed, tested and adopted Care Hours per Patient Day (CHPPD).

- CHPPD is calculated by adding the hours of registered nurses to the hours of healthcare support workers and dividing the total by every 24 hours of in-patient admissions (or approximating 24 patient hours by counts of patients at midnight)
- CHPPD reports split out registered nurses and healthcare support workers to ensure skill mix and care needs are met. (The system calculates this automatically)