Nursing & Midwifery Services

Information Communication Technology

Using health information technology that supports and informs extraordinary patient care

Action Plan
2017-2020
The priority for the Sydney Local Health District (SLHD) Nursing and Midwifery Service is health information technology that supports and informs extraordinary care. The key focus areas within this priority include the effective delivery of the service, governance of Information and Communication Technology (ICT) and research opportunities as they relate to nursing and midwifery practice. The goal of these focus areas is to build a Nursing & Midwifery ICT workforce that is sustainable, highly qualified and appropriately credentialed and is able to respond to the changing needs of our communities’ health and expectations. We aim to attract, retain and value all of our staff through professional development, ensuring a safe and supportive work environment while seeking to address the current and future ICT opportunities.

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| The SLHD Nursing and Midwifery workforce is contributing actively to the governance and direction of health ICT as it relates to nursing and midwifery practice and the delivery of safe patient and family centred care. | Support the development of ICT systems that are safe and positively on nursing and midwifery practice and patient care | - SLHD Clinical Informatics team are an active part of all current and future eMR/ICT projects:  
  o eMR2  
  o eMeds  
  o PowerChart Maternity  
  o OMIS  
  o eTrak  
  o Patient Barcoding  
  - The SLHD Clinical Informatics team are active members of the following ICT committees:  
    o SWSLHD/SLHD eMR Operational Control Group  
    o SWSLHD/SLHD eMR Steering Committee  
    o SLHD ICT Governance Committee  
  - All nursing and midwifery clinical practice issues that are impacted by ICT projects are escalated to the SLHD Clinical Informatics Unit as required for investigation.  
  - All clinical issues identified by the SLHD clinical informatics team are escalated to the most appropriate committee for further investigation/advice as required.  
  - Develop and operationalise the “eMR access... | - SLHD Director of Nursing and Midwifery  
- SLHD Chief Nursing Information Officer  
- SLHD Nurse Manager – Clinical Informatics  
- SLHD Nurse Manager – Clinical Practice  
- SLHD CEWD  
- SWSLHD/SLHD eMR Director  
- SLHD Health Informatics Unit | January 2017 ongoing |
for healthcare professional students’ procedure for SLHD
  o All nursing and midwifery students will have the appropriate level of access for the eMR for the duration of their training in SLHD.
  o Ensure that the training provided to students on the use of the eMR is standardised and utilises a blended approach so as to maximise internal staff resources effectively.
    ▪ eLearning
    ▪ Superuser/on the job training
  • Develop and operationalise a procedure for that will enable agency staff to have timely and appropriate access to the SLHD eMR.
    o All agency staff coming to SLHD facilities will have timely and appropriate access to eMR systems.
    o eMR training for agency staff to use a blended approach so training resources are used efficiently:
      ▪ eLearning
      ▪ Face to Face
    o User access is granted for all agency staff when they arrive to SLHD facilities and processes are put into place to manage this at each site.
  • Assist in the development of an eMR strategy for SLHD.
    o Work collaboratively with key stakeholders on the development of a 5 year eMR strategic plan.
The plan will also include an eMR enhancement and optimisation strategy so that current systems are able to be continuously reviewed and improved as required.

Decision support products to be reviewed and included as appropriate.

- Provide high level advice and assistance on the development of reports using eMR data that assists in the delivery of extraordinary patient care
  - Work collaboratively with all stakeholders on the development of reports that enable clinical staff to access data derived from the eMR to inform extraordinary care.
  - Review current paper clinical audits and identify opportunities to digitalise them.
  - Utilise internal and external expertise on the development of dashboards that can enable eMR and other digital data to be visualised in real time.

Build partnerships with internal and external stakeholders relating to ICT and nursing and midwifery practice

- A list of all stakeholder groups (internal and external) to be developed and communicated to relevant groups within SLHD.
- All items that are raised at internal and external committees to be presented to key groups within the nursing and midwifery service as required.
- Australian CNIO forum established by SLHD CNIO.

SLHD Director of Nursing and Midwifery
SLHD Chief Nursing Information Officer
SLHD Nurse Manager – Clinical

January 2017 ongoing
| Ensure nursing and midwifery leaders are represented and active in current and future ICT initiatives | All ICT meetings in SLHD will have active nursing and midwifery representation. All committees that involve discussion on nursing and midwifery practice implications resulting from ICT implementations and business as usual processes has appropriate representation from SLHD nursing and midwifery services. SLHD nursing and midwifery services have appropriate representation on state and national ICT committees (e.g. NSW e-Health Safety and Quality Advisory Group) | SLHD Director of Nursing and Midwifery  
SLHD Chief Nursing Information Officer  
SLHD Nurse Manager – Clinical Informatics | January 2017 ongoing |
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|      | The SLHD Nursing and Midwifery workforce is contributing actively to the effective delivery of the SLHD ICT strategic plan. | To build a workforce that is able to contribute to the delivery of ICT projects that impact on nursing and midwifery practice and patient care outcomes • Actively contribute to the growing specialty of nursing informatics and be seen as a leader for this specialty in Australia.  
  o Engage all levels of the nursing and midwifery workforce in nursing informatics so that the specialty is better understood  
  o Participate actively in the development of the national nursing informatics position statement that is currently being led by the Health Informatics Society of Australia (HISA) and the Australian College of Nursing (CAN)  
  o Incorporate the national nursing informatics competency standards in nursing and midwifery position descriptions.  
  o Engage the tertiary sector in the emerging nursing and midwifery informatics roles being developed with SLHD  
• Lead the development of a sustainable, multidisciplinary ICT superuser program that enables the workforce to be actively engaged in ongoing ICT work and future ICT project implementations.  
• Contribute to the development of e-Health curriculum at both undergraduate and post graduate level by engaging the tertiary sector on the growing nursing informatics specialty in Australia | • SLHD Director of Nursing and Midwifery  
• SLHD Chief Nursing Information Officer  
• SLHD Nurse Manager – Clinical Informatics  
• SLHD Nurse Manager – Workforce and Innovation | January 2017 ongoing |
| Build Nursing and Midwifery capability to capitalise on the benefits of information systems for clinical practice and patient care. | • Assist the nursing and midwifery workforce on benefits realisation work resulting from eMR projects.  
• Support SLHD nurses and midwives to create and test reports derived from data entered into ICT systems.  
• Assist clinicians to understand the importance of data integrity - ensuring that the data that is entered into the eMR is as accurate and timely as possible.  
  o Use examples of what can be done with data to support this principle.  
• Link the nursing and midwifery workforce into STARS and other applications that have been developed locally and ensure that the workforce has the necessary skill to analyse the data captured within these systems. |
|---|---|
| Create professional development opportunities for the Nursing and Midwifery workforce in e-Health and ICT | • Continue to support the SLHD Nursing and Midwifery e-Health Intern program.  
  o Commence an evaluation on the 2016 program with a recommendation to continue the program ongoing.  
• Continuously review external courses relating to e-Health that the LHD could use to provide opportunities for the nursing and midwifery workforce.  
  o Review of the University of Sydney e-Health MOOC currently underway. |

SLHD Nursing Executive Team  
SLHD HIU  
SLHD/SWSLHD ICT Department  
SLHD Performance Unit  

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| Create research opportunities related to ICT and nursing and midwifery practice. | Describe and evaluate the role of nurse informatics in contemporary Nursing and Midwifery practice in Australia                                                                                                                                                      | • Commence a review of the literature of the nursing informaticist role in collaboration with SLHD Nursing and Midwifery Executive Team.  
• Collaborate with the Health Informatics Society of Australia and Nursing Informatics Australia on role clarification and emerging trends in Australia.  
• Work with the Australian CNO’s on developing a role consensus statement and strategic plan. | SLHD Nursing Executive Team  
SLHD HIU                                                                 | January 2017  
ongoing                                                                 |
| Conduct a needs analysis that identifies opportunities for the use of health informatics in Nursing and Midwifery practice |                                                                                                                                                                                                              | • Needs analysis to commence 2017 in collaboration with the SLHD HIU.  
• Analysis will look at opportunities to automate clinical audit processes for forms that have transitioned to the eMR.  
• A gap analysis will also be completed to identify those audits that remain on paper. | SLHD Nursing Executive Team  
SLHD HIU                                                                 | March 2017  
ongoing                                                                 |
| Develop a patient and family centred care research agenda relating to the interface between technology and Nursing and Midwifery practice |                                                                                                                                                                                                              | • “Weight and See” project NEAF completed.  
• Waiting for results from grant applications.  
• Research project to commence early 2017.  
• Collaboration with George Institute to commence early 2017 to use informatics to identify patients early that are at risk of readmission.  
• Work continuing with ED and Patient Flow on a dashboard to assist with hospital bed management processes — improving access for our community to our hospitals. | SLHD Nursing Executive Team  
SLHD HIU  
SLHD Dept Nutrition and Dietetics  
Faculty of e-Health - University of Sydney  
George Institute | February 2017  
ongoing                                                                 |