WELCOME TO THE TENTH EDITION OF PSN NEWS

DECEMBER 2017 ISSUE 10
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Merry Christmas to all and have a happy New Year from the staff at PSN. We look forward to working with you all in 2018.

1 Year Anniversary of PSN’s move to the Randwick Campus

PSN celebrated their 1 year anniversary on 20th October after their move to the POW campus. It was celebrated with pizza and salad shared amongst the staff.

PSN was moved to the Randwick campus after the NETS building at Westmead was deemed to be in the way of the redevelopment of the whole of Westmead Campus Redevelopment. NETS moved to the Bankstown Airport precinct in March this year.

Some of the PSN staff sitting in our new meeting room at a staff meeting
Visit to Broken Hill

By Jo Sheils, Neonatal CNC

In November I visited the Far Western Health District (FWLHD) at the invitation of Chelsea Anderson, Clinical Midwifery Consultant. This was my first visit to Broken Hill and I was quite surprised when I woke in the morning to see a mine in the centre of town. Chelsea had told me on the way to my hotel but it was dark and I was expecting something much smaller.

The staff of the maternity ward at Broken Hill Hospital were very welcoming and enthusiastic. Chelsea had scheduled 2 full days of meeting, greeting and education sessions. These were well attended with lots of questions. I also had time with the paediatric staff and they were included in education on equipment and neonatal resuscitation.

Fortunately there was time for a quick tour of the town and a visit to the big chair.

It was a very successful trip with the formation of strong relationships with the staff of the maternity and paediatric units. I now have a greater understanding of the issues experienced by staff working in such a remote location. The plan for 2018 is to develop further education and training opportunities for the FWLHD.
Since its reintroduction, the uptake of PAL has continued to increase. Audit results revealed there is high satisfaction from users.

**Who is Calling**

The tertiary centers will often call on behalf of a service within their TMN when because of capacity they are unable to accommodate a transfer.
Why are they Calling?

The majority of calls are for bed-finding (69%) with a further 23% for consultation and 7% in the latter category of ‘other’. However, integrated into the bed-finding calls there is always an element of consultation as the midwives problem solve with the clinicians calling to find the best solution for mother and baby. The latter category of ‘other’ can involve discussions around transport availability to asking for someone’s phone number!

Gestation at call

Gestation reflects the main presenting problems of threatened preterm labour and preterm labour and the requirement of relocation to a suitably delineated service

Clinical Governance of PAL

The following events are used as triggers for a case review at the PAL Clinical Meetings which are scheduled 3 times per year:

• Baby born during transfer
• Interstate transfer outside usual referral pathway
• Unplanned diversion during transfer
• Significant delay in contacting PAL CMC or Obstetrician
• Refusal by networked centre to accept time critical transfer
• Transfer level 6 to level 6 (non-surgical)
• Significant patient deterioration during transfer
• Clinician disagreement impacting on process and/or outcome
• Significant clinical concerns about service provision including across public and private sectors
The clinical review meetings are attended by PAL obstetricians, PSN CMC’s, PSN Operational Manager, Executive Medical Advisors for Neonatology and Obstetrics, PSN Neonatal CNC and the Director of NETS. Of the 95 trigger cases reviewed, the Level 6 to 6 transfers has remained the leading trigger.
Resuscitation
Maternity - Clinical Care and Resuscitation of the Newborn Infant - PD2008_027 is currently being update. An agreement on mandatory training requirements has been developed.

It is a mandatory requirement that all NSW Health staff that provide healthcare in birthing and associated environments, must successfully complete:

- My Health Learning Modules
- Newborn Resuscitation
- Newborn Basic Life Support (Code 130316896) **every 5 years**
- Newborn Basic Life Support Practical Session - Option 1 without LMA insertion (Course Codes 12872682) **yearly**

My health learning update

Also available:

- Newborn Advanced Life Support:
  - a. Airway (Course Code - 154388639)
  - b. Circulation 160128365)
  - c. Special circumstances (course code – 165788417)

- Safe sleep (course code – 136321254)
- SWIS-H Screening Essentials (course code - 166805723)

Website
www.momlinc.ca  MOM-LINC provides an interdisciplinary research environment for the development of innovative and non-invasive healthcare interventions that engage mothers and families in the management and care of neonates.

The video “The Power of A Parent's Touch” provides great pain management strategies involving the parents.

Update to Birth Before 32 Weeks Booklet
In October this year minor changes were made to the booklet. The figures were updated to include 2016 data.

The section “Will my baby survive” was completely changed to reflect the new data in the figures and the subparagraph was called “Difficult Decision” and “Intensive Treatment” were also added.
iCare and TMF (Treasury Managed Funds) Risk Management Conference and Awards for Excellence Ceremony

PSN CMC’s Tania Andrews and Alison Goodfellow had the privilege of attending the annual iCare and TMF Risk Management Conference and Awards for Excellence Ceremony in Sydney on the 5th & 6th of September. This year, the conference focussed on Sustainability: a holistic approach to risk management.

The conference hosted by Mr Andrew Daddo, included speakers from a vast array of public organisations and industries. Each speaker showcased risk management strategies currently in use in their organisation and introduced numerous innovative risk management principles, strategies, and technologies for the future. These key-note speakers included Sam Mostyn (Board Member of Virgin Australia), who opened the conference with a thought provoking principle that the safest organisations are those where everyone is able to speak up; and later Dr Stefan Hajkowicz (Senior Principal Scientist - Strategy and Foresight, CSIRO) who highlighted the requirements to effectively manage health and disease with the rapid rate of human population growth and lifestyle changes into the forecasted future.

The staff of PSN would like to congratulate all of those NSW Government personnel who were selected as finalists for and winners of each icare TMF Risk Management and Leadership Award. In particular, PSN would like to congratulate the NSW Maternity Risk Network for being selected as a finalist in the Innovation Award category; and Associate Professor Michael Nicholl for winning the State Leadership Award.

History of Neonatal Intensive Care Units’ (NICUS) Data Collection

By Barbara Bajuk, NICUS Coordinator and Data Custodian

NICUS was piloted in 1985 as a result of a consensus development conference held at Westmead in October 1984 that suggested a register of high risk infants be kept. Professor John Beveridge, then the Chief Medical Officer at the Ministry of Health obtained funds for personnel (medical epidemiologist until 2001, clinical nurse consultant and secretary) and infrastructure for each neonatal intensive care unit to participate.

I commenced in the position of Clinical Nurse Consultant on 2nd March 1987. During the past 30 years NICUS has moved a lot from being based at the Prince of Wales Children’s Hospital, to Central Sydney Area Health Service, Sydney South West Area Health Service, Western Sydney Area Health Service and now the Sydney Children’s Hospitals Network all without leaving.

Originally I travelled to all of the seven participating units to extract the information from the medical records and enter it into the computer on site. This nomadic existence continued until the Neonatal Review in 1990 proposed a Clinical Nurse Specialist in each Level 6 NICU to collect the data was a necessity if the data collection were to continue and expand.

Since 1986 the data collection has evolved, the location has changed many times, the configuration of personnel has changed and the number of contributing units has increased.
Participating tertiary hospitals are:

Participating non-tertiary hospitals are:
St George Hospital, Wollongong Hospital and Gosford Hospital (2002), Blacktown Hospital (2003), Campbelltown Hospital (2005), Wagga Wagga (2014), The Maitland Hospital (2016), and Manning Rural Referral Hospital - Taree and Tamworth Rural Referral Hospital (2017).

NICUS data has contributed to the Australian and New Zealand Neonatal Data Collection since its inception in 1994. The NICUS data collection has been linked by the Centre for Health Record Linkage (CHeReL) to many routinely collected data collections e.g. Admitted Patient Data Collection (APDC), Registry of Births, Deaths and Marriages, Cerebral Palsy Register, National Assessment Program – Literacy and Numeracy (NAPLAN) and the Cancer Registry with the Perinatal Data Collection (PDC) as the primary database. NICUS data and the linked data are used for PhD thesis, Master thesis, Independent Learning and Honours Projects for 4th year medical students as well as College of Paediatrics projects. NICUS data have been presented at state, national and international conferences and there have been at least 100 publications in peer reviewed journals.

NICUS has come a long way and I believe has made a difference to the camaraderie between the units and the care of the babies and their parents through collaboration, benchmarking and research.

Number of NICUS Registrations per year

![Number of NICUS Registrations per year graph]

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Upcoming conferences in 2018

Perinatal Society of Australia & New Zealand

Annual Scientific Congress
25 - 28 March 2018
ANZ Viaduct Events Centre, Auckland, New Zealand

Whenua ki Whanau
Nurturing the people of our land

Nepean Hospital Annual Midwifery Conference
“Hot Topics in Maternity Care” Friday 16th March Penrith RSL
Registration: www.eventbrite.com.au

5th Annual conference will be held on Friday, 7th September 2018

Midwifery Conference Feb 23rd
“Celebrating 10 years of Raising Awareness”
Register: www.royalwomen.org.au/rhwmidwifery
Enquires: Anne.Lainchbury@health.nsw.gov.au

Nepean Hospital Annual Midwifery Conference “Hot Topics in Maternity Care” Friday 16th March Penrith RSL Registration:
www.eventbrite.com.au

2018 “Coming of Age” National Conference October 15-18th Crowne Plaza, Perth