



NEONATAL NURSING CONFERENCE

GAME ON

4 - 6 SEPTEMBER 2024
Melbourne Cricket Ground



Wednesday 4 September 2024 - Melbourne Cricket Ground

11am to 5pm	Registration open
12.00 to 1.00pm	Career's Expo and Lunch
Plenary 1 - 'The State of Play'	
Chairs: Amy Curran and Melissa Burnett	
1.00pm	Welcome to Country. <i>Elder (TBC)</i>
1.15pm	Welcoming Address. <i>ACNN President, Amy Curran</i>
1.23pm	Welcoming Address. <i>ACNN Conference Chair, Melissa Burnett</i>
1.30pm	The Future of Nursing. <i>Adjunct Professor Karrie Long</i>
2.00pm	The ACNN Neonatal Nursing Workforce Workshop Outcomes. <i>A/Professor Margaret Broom and Trish Lowe</i>
2.30pm	"What do healthcare workers think about climate change and health?" <i>Dr Michael Loftus</i>
3.00 to 3.50pm	Afternoon Tea – Careers Expo and Exhibitors
Plenary 2 – 'The Long Game'	
Chairs: Melissa Burnett	
3.50pm	Changes in Approach to Care and Outcomes of the most Immature Infants born at 22 weeks' Gestation. <i>A/Professor Rosemarie Boland</i>
4.20pm	Growth, health and development for children born very preterm (working title). <i>Dr Jamie Owen</i>
5.00 pm	'Going the Distance'. <i>Matt Levy, OAM, Paralympian, Author, Motivational Speaker</i>
5.30 – 7.30pm	Welcome Reception at the Australian Sports Museum, MCG



Australian College of Neonatal Nurses Inc.

PO Box 148 Camperdown NSW Australia 1450 | p: 0456 645 261 | e: acnn@acnn.org.au

www.acnn.org.au

ABN 54 975 567 399

*THURSDAY and FRIDAY CONFERENCE VENUE
~ PULLMAN ON THE PARK ~*

Breakfast sessions on Thursday 5 September 2024

Breakfast is between 6.30 and 7am in the Foyer area for delegates registered for a breakfast session. Sessions commence at 7 am sharp and conclude at 8.15 am

Room: TBA	
Chairs: Erin Church	
1	<p>General Movement Assessments in the Neonatal Unit and Infant Follow-Up Presenters: <i>Professor Alicia Spittle and Dr Joy Olson</i></p> <p>The General Movements Assessment is a non-invasive assessment based on observation of infant’s spontaneous movements. It can be used prior to term, up until 20 weeks’ corrected age, to identify infants who are at high-risk for neurodevelopmental conditions, such as cerebral palsy. In this session we will cover:</p> <ul style="list-style-type: none"> • Typical development of general movements in preterm and term infants • Trajectories of general movements from birth, and predicting developmental outcomes, including cerebral palsy • Current research and clinical practice using the General Movements Assessment • Applications of the General Movements Assessment for infant assessment in the neonatal unit and follow-up in early infancy • Practical considerations for conducting the General Movements Assessment • Integrating technology, such as smartphone apps, into the General Movements Assessment

Room: TBA	
Chairs: Amy Curran	
2	<p>Topic – RSV Title and presenter to be confirmed</p> <p><i>Sponsored session by Sanofi</i></p>



Scan the QR Code to
 register for ACNN2024

 Early Bird prices
 until 29 July 2024

Thursday 5 September 2024 – Pullman on the Park

6.20 am to 5.30 pm	Registration Open
Plenary 3: 'The Balls in Your Court' Chairs: Nicol Franz	
8.30am	Learning to Lead: An Essential Skillset in Nursing Education and Practice. <i>Professor Linda Johnston</i>
9.15am	Creating Pathways to Inspire Further Study and Future Education Careers in Neonatal Nursing. <i>Jacquie Whitelaw</i>
9.30am	'What's Next'? <i>Dr Joanne Scott</i>
10.00 to 10.30am	Morning tea, Trade Exhibit and Posters
Concurrent 1: 'Leading from the Front' – Hosted by the Leadership SIG Chairs: TBC	
10.30am	Introduction to the Leadership SIG
10.35am	Implementing Cotside Cameras in a Regional Tertiary Neonatal Unit - Challenges and Outcomes. <i>Simone Scully</i>
10.50am	PiccPed®: Mobile Application Preventing Adverse Events with Peripherally Inserted Central Catheters in Neonates and Paediatrics. <i>Dr Sabrina de Souza</i>
11.05am	"First, do no harm" - The Problem of PVC in NICU. <i>Justine Parsons</i>
11.20am	'Every Contest Matters. Why a Deeper Understanding of our Experience of Work Really Matters to our Wellbeing'. <i>Karen Olver</i>
12.20pm	Leadership SIG AGM
Concurrent 2: 'Don't Drop the Ball' – Hosted by the Research SIG Chair: Trish Lowe	
10.30am	Introduction to the Research SIG
10.35am	Risk Factors Associated with Birth Asphyxia Among Newborns at Pumwani Maternity Hospital: A Case-Control Study. <i>Ruth Wagathu</i>
10.50am	Kangaroo Mother Care Improves Cardiorespiratory Physiology in Preterm Infants - An Observational Study. <i>Emma Yeomans</i>
11.05am	Reducing Medication Errors in a Surgical Neonatal Intensive Care Unit: A Quality Improvement Initiative. <i>Harinder Kaur</i>
11.20am	Heel Lancing in the Special Care Nursery – Point Prevalence Audits to Inform a Best-Practice Bundle. <i>Janene Douglas</i>
11.35am	Ensuring Safe Passage: Neonatal Nurses' Professional Quality of Life. A Mixed Method Grounded Theory Study. <i>Patricia Lowe</i>
11.50am	Parental Views on Prospective Consent: Experience from a Pilot Neonatal Randomised Control Trial. <i>Hannah Skelton</i>
12.05pm	'Navigating the Boundaries of Trust – Protecting your Players'. <i>Bianca Devsam</i>
12.35 to 1.25pm	Lunch, Trade Exhibit and Posters

Concurrent 3: 'Run Interference' – Hosted by the Neonatal Nurse Practitioner SIG	
Chairs:	
1.25pm	Introduction to the Neonatal Nurse Practitioner SIG
1.30pm	Neonatal Seizure Recognition and Management. <i>Dr Simone Huntingford</i>
2.00pm	PICCTIP: A Tool to Optimise Tip Positioning of Peripherally Inserted Central Catheters in Neonates. <i>Dr Sabrina de Souza</i>
2.15pm	Why are we so Scared of Talking about Death? A Thematic Literature Review. <i>Amy Rodriguez</i>
2.30pm	Neonatal Nurse Practitioner SIG AGM
Concurrent 4: 'Changing the Game' – Hosted by the Nutrition and Feeding SIG	
Chairs:	
1.25pm	Introduction to the Nutrition and Feeding SIG
1.30pm	Providing great breastfeeding support for mothers and families in neonatal environments. <i>Dr Jen Hocking</i>
2.15pm	Developing the Fathers' Involvement Questionnaire: Neonatal Intensive Care Unit (FIQ: NICU) in the Surgical NICU. <i>Karanbir Kaur</i>
2.30pm	Miracle Babies Foundation Nurture E – The EEE Impact. <i>Kylie Pussell</i>
2.45pm	Twin Cobedding Perception and Practice: A National Exploration of Healthcare Worker and Twin Parent Experiences. <i>Philippa Mann</i>
3.00 to 3.30pm	Afternoon tea, Trade Exhibit and Posters
Plenary 4 – 'A Hat Trick'	
Chair: Justine Parsons	
3.30pm	High-Frequency Ventilation: where are we now? <i>Professor David Tingay</i>
4.00pm	Supraglottic Airways: The Future of Surfactant Administration? <i>Dr Calum Roberts</i>
4.30pm	From Neonatal Nurse to Resuscitation Researcher – Charting a Path Less Travelled. <i>Dr Jennifer Dawson</i>
5.00pm	Close.
Free Evening	

Breakfast Sessions on Friday 6 September 2024

Breakfast is between 6.30 and 7am in the Foyer area for delegates registered for a breakfast session. Sessions commence at 7 am sharp and conclude at 8.15 am

Room: TBA	
Chair: Donna Hovey	
1	<p>Barriers and Facilitators in the Implementation of Developmentally Supportive Care Practices in Healthcare Settings in Ghana</p> <p>Presenter: <i>Professor Linda Johnston</i></p> <p>Annually 15 million babies are born preterm world-wide with more than one million dying in the neonatal period; mostly in low-and middle-income countries (LMIC). Cost-effective interventions such as Developmentally Supportive Care (DSC) practices have been estimated to reduce neonatal mortality by 41-72%, however they are under-utilised in LMIC. This project used an implementation science framework; <i>iPARIHS</i>, to identify the barriers to, and facilitators of, implementation of DSC practices in three NICU settings in Ghana. A retrospective analysis of medical records of 1600 preterm infants found less than 50% of eligible infants received any Kangaroo Mother Care (KMC) during their hospital stay. The structured observation phase of the study identified an absence of environmental controls in relation to light and noise, a lack of procedural pain management guidelines, and visiting hour's policies that precluded family centred care (FCC), at all three study sites. Transcripts of interviews and focus group discussions with healthcare workers and family caregivers are currently being analysed. Preliminary results suggest the Inner and Outer Contexts of the <i>iPARIHS</i> framework wield significant influence on the successful implementation of DSC practices in NICUs in Ghana.</p> <p><i>Low Resource Countries Special Interest Group Annual General Meeting</i></p>

Room: TBA	
Chairs:	
2	<p>Title and presenter to be confirmed</p> <p><i>Sponsored session by GE Healthcare</i></p>



Scan the QR Code to read
Invited Speaker profiles for
ACNN2024

Friday 6 September 2024 – Pullman on the Park

6.20am to 5.15pm	Registration Open
Plenary 5: 'Team Colours'	
Chairs: Amy Curran and Margaret Broom	
8.30am	Replanting the Birthing Trees: Transforming Cycles of Intergenerational Trauma to Cycles of Nurturing and Recovery. <i>Professor Cath Chamberlain</i>
9.15am	Cultural Care of Aboriginal and Torres Strait Islander Infants in the NICU: Healthcare Practitioners Understanding. <i>Jessica Bennett</i>
9.30am	ACNN Annual General Meeting and Presentations of Awards
10.30 to 11.00am	Morning tea, Trade Exhibit and Posters
Concurrent 5: 'Call the Shots' – Hosted by Neo-skin SIG	
Chairs:	
11.00am	Introduction to the Neo-Skin SIG
11.05am	'It's in the bag for Stoma Care'. <i>Hayley Nugara and Amy Bodley</i>
11.45am	'Enhancing Stoma Care in Neonates: A Quality Improvement Initiative in Surgical Neonatal Intensive Care Unit'. <i>Nimmy Georgekutty</i>
12.00pm	Cleanse, Protect, Restore - Caring for Neonatal Skin and our Environment! <i>Mekha Anu Sam</i>
12.15pm	Neo-Skin SIG AGM
Concurrent 6: 'A Field Goal' – Hosted by the Education SIG	
Chairs: Jennifer Dawson	
11.00am	Introduction to the Education SIG
11.05am	'Let's Simulate: Strategies and Tools for Clinicians'. <i>Franki McMahon</i>
11.35am	Nursing Confidence and Care of Neonates with aEEG Monitoring – A Quality Improvement Project. <i>Jessica Costello</i>
11.50am	Exploring Relationships: The Impact of Nurse Developmental Care Education Programs in the Surgical NICU. <i>Nadine Griffiths</i>
12.05pm	Education SIG AGM
12.35 - 1.20pm	Lunch, Trade Exhibit and Posters
Plenary 6: 'A Level Playing Field' – Hosted by the Neurodevelopment Care SIG	
Chair:	
Facilitator: <i>Dr Natalie Duffy</i>	
1.20pm	Infant Mental Health. <i>A/Professor Campbell Paul and Megan Chapman</i>
2.00pm	The Neonatal Individualised Developmental Care Assessment Program (NIDCAP) and Family and Infant Neurodevelopmental Education (FINE) Program. <i>Nadine Griffiths</i>
2.15pm	The Newborn Behavioural Observations (NBO) System. <i>Erin Church</i>
2.30pm	The Family Integrated Care (FiCARE) Model. <i>Joanne Bell</i>
2.45pm	The Circle of Care Optimising Outcomes for Newborns (COCOON) Model of Care. <i>Julia McKeown</i>

3.00pm	Q&A Panel Discussion
3.20 to 3.45pm	Afternoon tea
Plenary 7: 'A Whole New Ball Game' Chairs: Amy Curran and Margaret Broom	
3.45pm	Presentation of Presenters Awards
4.00pm	'Looking over the Edge'. <i>Dr Brian Dunn</i>
4.30pm	From Clinical Practice to Research – A Journey Across Two Countries. <i>Professor Denise Harrison</i>
5.00pm	Care Beyond the Cotside: Supporting Parents Transitioning from NICU/SCN to Home Through an Evidence-based Education Program. <i>A/Professor Rosemarie Boland</i>
5.15 pm	Close

Program correct at time of publishing on 4 June 2024. Subject to change.

Posters

Restructuring the Department of Neonatology Transition to Professional Practice Program in Canberra. *Sarah Neale*

Navigating the Transition: Experiences of Internationally Qualified Nurses in a NICU in Aotearoa-NZ. *Lauren Kendrick*

Experiences of Graduate Nurse-Midwives Working in a Special Care Nursery. *Jane Kelly*

Implementation of the Neonatal Clinical Care Coordinator at Canberra Neonatal Unit. *Lori Grji*

The Goldilocks Project. Keeping infants warm. Not too cold, not too hot! *Mariann Hennessy*

Positioning of Extremely Premature Infants in the First 72 hours: A Retrospective Cohort Study. *Hannah Skelton*

Tiny Star Beads – Aiding Communication and Understanding in the NICU. *Christine Heald*

Virtual Newborn Family Support: Empowering culturally and linguistically diverse family centered care through multimedia education. *Bonnie Fonti*

Increasing the uptake of Kangaroo Care in the Canberra Neonatal Unit. *A/Professor Margaret Broom*

Invited Speaker Presentation Synopses

Wednesday

"The future of nursing".

Adjunct Professor Karrie Long

The National Nursing Workforce Strategy aims to address workforce challenges and support the nursing profession to deliver person-centred, evidence-based and compassionate care. Hear about the current strategic projects being undertaken by Victoria's Chief Nurse and Midwifery Officer (CNMO) that will impact the future of nursing in Victoria, including the workforce strategy.

The ACNN Neonatal Nursing Workforce Workshop Outcomes

A/Professor Margaret Broom and Trish Lowe

In March 2024, the ACNN Leadership and Research Special Interest Groups co-convened a neonatal nursing workforce workshop to explore the challenges faced by the neonatal healthcare workforce and construct a list of recommendations and strategies to share among the neonatal nursing community and other stakeholders to address them. We emerged with many recommendations regarding neonatal nurse recruitment, transition to specialty practice, workforce planning, staffing and skill mix, education, and professional development. A summarised version of these discussion findings will be presented, along with how these results will be shared with the neonatal nursing community and other stakeholders.

"What do healthcare workers think about climate change and health?"

Dr Michael Loftus

This session will present the results of the WATCH Study (Healthcare Worker Attitudes to Climate Change and Health), which received over 2,000 responses from Victorian healthcare workers in late-2023.

Changes in Approach to Care and Outcomes of the most Immature Infants born at 22 weeks' Gestation.

A/Professor Rosemarie Boland

The approach to management of the most immature babies born at 22 weeks' gestation differs from state-to-state within Australia and in similar high-income countries. Variations in care practices lead to wide variations in infant outcome, both in terms of survival and long-term neurodevelopment impairment (NDI). Provision of survival-focused ('active') care babies born at 22 weeks' gestation is no longer considered futile, with high survival rates and low rates of severe NDI reported in countries with a proactive approach to care of these babies. The current approaches to management of babies born at 22 weeks in Australia and worldwide and outcomes of surviving children into early childhood will be the focus of this presentation.

'Going the Distance'.

Matt Levy, OAM, Paralympian, Author, Motivational Speaker

Matt will present his lived experience from being born premature with an outcome of cerebral palsy to achieving success as a Paralympian winning 3 Gold, 1 Silver and 6 Bronze medals in swimming. Matt will share his inspiring stories and insights in developing his inner strength, resilience and creating a mindset for reaching his full potential.

Thursday

Learning to Lead: An Essential Skillset in Nursing Education and Practice.

Professor Linda Johnston

The premise of this presentation is that meeting the challenges nursing is currently facing, across the domains of practice, education, and research, requires a re-think of our approach to the development of leadership capacity in the profession. The post-pandemic clinical world continues to face high turnover and vacancy rates, in addition to staff burnout. Leaders in clinical practice will require advanced skills in communication and teamwork, professional governance, posttraumatic growth and gratitude, equity, diversity and inclusion practices, and addressing the social determinants of health. The Academy is not immune to those same challenges and the requirement for development of a particular skillset. The massive acceleration in nursing education-faculty, infrastructure and students-to address global needs, domestic demand, and to respond to changing technologies and advanced models of integrated health and social care, means we can no longer solely rely on informal leadership training in preparing the next generation of nursing professionals. This presentation reviews the anecdotal and evidential base for formal leadership training in nursing.

'What's Next?'

Dr Joanne Scott

A nursing career is a life journey. Regardless of what inspired you to embark on this journey, it is the decisions you make along the way that determine the direction you will take. Nursing is a dynamic profession; it is constantly evolving, thus allowing new opportunities for professional growth and development. It is up to us as individuals to map out our own career pathways. The professional pathway I chose was that of a Nurse Practitioner. Through sharing my journey, I hope to encourage you to reflect on your own careers, and inspire you to consider "What's Next?"

'Every Contest Matters. Why a Deeper Understanding of our Experience of Work Really Matters to our Wellbeing'.

Karen Olver

There is a moral and ethical imperative to create systems of work that allow nurses to do the work they care about that is safe and sustainable. Nurses are the experts in their experience, and their practice wisdom needs to be used, and we need new ways to use it. I believe we can gain a deeper insight into the systemic issues affecting nurses' wellbeing that hinder the creation of safer workplaces.

In this workshop I provide details of a framework that illuminates the often-overlooked factors impacting nurses experience of work – the 'undiscussables' – and how to talk about them. Attendees will gain new insights and see the potential for new action that can be taken to make change. This framework can guide the design of new, healthier ways of working. I believe this is crucial, as we are witnessing an exit of nurses from the profession and a rise in psychological injuries. By addressing these underlying issues, we can design sustainable work systems, roles, and relationships that support nurses in their vital work, and their personal and professional growth.

'Navigating the Boundaries of Trust – Protecting your Players'

Bianca Devsam

This presentation will discuss the strategies used to build trust between neonatal nurse researchers and parents when using waived and delayed consent pathways in neonatal research.

Neonatal Seizure Recognition and Management.

Dr Simone Huntingford

Seizures in the neonate can be an important marker of underlying brain injury and brain dysfunction. However, the clinical recognition of neonatal seizures remains challenging. Additionally, there is controversy about how neonatal seizures are best treated. This presentation will cover "at the cot side" tips on seizure recognition and discuss the latest evidence on seizure management.

Providing great breastfeeding support for mothers and families in neonatal environments.

Dr Jen Hocking

Supporting breastfeeding mothers and families can be a challenging part of neonatal nursing practice. In this session we will explore participant experiences of providing breastfeeding support and identify enablers and barriers to providing support. We will also work together to find some solutions for giving the best support possible to breastfeeding mothers in the neonatal setting.

Supraglottic Airways: The Future of Surfactant Administration?

Dr Calum Roberts

Traditional methods of surfactant administration are dependent upon laryngoscopy, but many infants with respiratory distress syndrome are cared for by clinicians who do not have opportunities to maintain and develop skills in this procedure. Supraglottic airways may represent an easier, more generalisable method of surfactant administration for clinicians, which may also be more comfortable for infants. In this presentation, I will summarise the current evidence for supraglottic airway surfactant administration, and describe the research that our team are currently leading in this area, including the international 'SURFSUP Trial'.

From Neonatal Nurse to Resuscitation Researcher – Charting a Path Less Travelled.

Dr Jennifer Dawson

This presentation will discuss the highlights of my career journey from hospital trained nurse to post-doctoral fellow - how did that happen? Would I do it all again?

Friday

Replanting the Birthing Trees: Transforming cycles of intergenerational trauma to cycles of nurturing and recovery

Professor Cath Chamberlain

Aboriginal and Torres Strait Islander peoples have adapted, thrived and survived for at least 2000 generations, but since colonisation, have been impacted by intergenerational cycles of trauma. This presentation will highlight the important life course opportunities for healing the past by nurturing the future in the first 2000 days. Key findings from four years of Aboriginal and Torres Strait Islander-led co-designed strategies to improve perinatal awareness, recognition, assessment and support for parents experiencing complex trauma will be outlined. We will share our approach for recreating safe and sacred spaces in our innovative model, Replanting the Birthing Trees, grounded in Indigenous knowledges and worldviews and governed by community-controlled peak bodies. This project supports families to transform cycles of intergenerational trauma and harm to intergenerational cycles of nurturing and recovery so that Aboriginal and Torres Strait Islander families can, once again, live health happy lives in this abundant land we now share.

'It's in the bag for Stoma Care'.

Hayley Nugara and Amy Bodley

In this session we will delve into the delicate realm of neonatal skin and peristomal care, where meticulous attention is paramount. Neonatal skin, being exceptionally fragile, demands gentle handling and specialised care to mitigate potential complications. Similarly, peristomal skin requires keen observation and tailored interventions to prevent irritation or breakdown around stoma sites. Our practical session will equip you with invaluable troubleshooting skills, ensuring adept management of stoma bags, and fostering confidence in navigating challenges that may arise in clinical settings.

'Let's Simulate: Strategies and Tools for Clinicians'

Franki McMahon

Gandel Simulation Service uses a range of techniques for education, quality improvement and patient safety. Hear about the different types of Simulation for improving teamwork and communication and making cultural change. The use of specific tools such as mental rehearsal cards will be discussed with some tips to consider when establishing psychological safety and facilitating debriefing.

'A Level Playing Field'

Dr Natalie Duffy, A/Professor Campbell Paul, Dr Megan Chapman, Nadine Griffiths, Erin Church, Joanne Bell, Julia McKeown

This plenary session will introduce four different models of infant and family centred developmental care (IFCDC) currently used in neonatal units within Australia:

- The Neonatal Individualised Developmental Care Assessment Program (NIDCAP) and the Family and Infant Neurodevelopmental Education (FINE) program
- The Newborn Behavioural Observations (NBO) System
- Family Integrated Care (FICare)
- Circle of Care Optimising Outcomes for Newborns (COCOON)

Each of these models has evolved from the teachings of the pioneers of infant neuroprotection and neurodevelopment – Dr. T. Berry Brazelton, Dr. Heidelise Als, and Dr. J. Kevin Nugent – who have dedicated their life's work to ensure the language of infants, and the needs of their families, guide their care. Collectively they taught us that infants communicate their care needs and preferences from birth, yet in the noxious technical environment of the neonatal unit their "voice" is often misunderstood or overlooked. Individualised care practices, in response to infant behaviour, foster sensitive and responsive relationships between both families and their infant, and clinicians and the infants they care for, all while decreasing the incidence and cumulative effect of pain and stress responses. By supporting responsive relationships in the neonatal unit, neural connections are built, protected, and strengthened in the infant's brain that support the development of communication and social skills and emotional wellbeing. Through these infant and family centred practices and relationships, neurodevelopmental outcomes are optimised. After a brief introduction to each of the IFCDC models, we invite questions and comments from the audience to broaden understanding of the models and encourage discussion around how each may be used in the neonatal setting.

From Clinical Practice to Research – A Journey Across Two Countries

Professor Denise Harrison

This presentation will tell the story of moving from clinical practice into research and the research journey across two countries at the opposite end of the world.

Care Beyond the Cotside: Supporting Parents Transitioning from NICU/SCN to Home Through an Evidence-based Education Program.

A/Professor Rosemarie Boland

It is well known that babies born preterm and/or low birth weight are at increased risk of Sudden Unexpected Death in Infancy (SUDI), yet there are limited resources specifically addressing the needs of preterm babies in terms of safe sleeping practices, and how these need to change when a baby is transitioning from NICU to SCN and then to home. To address this gap, I developed an education program designed especially for preterm babies, and partnered with Miracle Babies and Life's Little Treasures to provide parents of preterm babies Australia wide with access to the "Baby Safe" program.