



Network training hospitals

Training will be hosted at Mater Mothers Hospital, Royal Brisbane & Women’s Hospital, Townsville University Hospital and Gold Coast University Hospital.

The following Queensland hospitals are accredited for components of advanced training in neonatal and perinatal medicine and participate in the Queensland Neonatal and Perinatal Medicine Advanced Training Network.

Further information relating to each individual site including contact details for advanced training enquiries is available by clicking on the hospital name below:

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Gold Coast University Hospital: Neonatal Care Unit

Hospital information and highlights	<p>The Gold Coast University Hospital (GCUH) is a public hospital and the only tertiary neonatal unit in the city. The Newborn Care Unit also frequently receives patients from Tweed and other centres in northern New South Wales.</p> <p>GCUH has a maternal fetal medicine department and paediatric surgeons on-site. Selected complex surgical cases including cardiac conditions are transferred to Mater Mothers Hospital for acute care. The neonatal and paediatric service at GCUH is supported by several paediatric subspecialists including neurology, cardiology, endocrinology, respiratory and critical care. There is also a paediatric emergency department.</p> <p>GCUH collaborates with Griffith and Bond Universities in teaching and research. Fellows have opportunity for academic title at both Universities if appropriate.</p>
Service type (inpatient/outpatient/community)	<p>Inpatient services (NICU and SCN)</p> <p>Outpatient services (short term medical follow up, long term growth and development follow up and antenatal counselling through MFM)</p>
No. of beds Annual paediatric admissions	<p>36 total cots:</p> <ul style="list-style-type: none"> • 12 NICU cots • 24 SCN cots <p>Approximately 1800 admissions per year</p>
No of births (if applicable)	<p>5500 births annually</p>
RACP accreditation Please refer to the RACP website for up to date accreditation status	<p>Accredited for 18 months of neonatal perinatal medicine training:</p> <ul style="list-style-type: none"> • Maximum 18 months core training • Maximum 18 months perinatal training • 12 months of training equivalent to 6 months surgical training • 12 months training will result in 50% of long term follow up requirements • 12 months training will likely result in none of retrievals required (no onsite retrieval team)
Potential rotations (depending on availability)	<p>Core perinatal/neonatal</p>
Staffing and supervision	<p>5 Neonatologists (5 FTE):</p> <ul style="list-style-type: none"> • All are eligible to be RACP supervisors <p>1 Neonatal Fellow position 6 Neonatal registrars 6 RMO/JHO 2 NNPs</p>

Teaching and learning	<ul style="list-style-type: none"> • Weekly radiology meeting • Monthly perinatal mortality meeting • Fortnightly MFM meeting • Weekly protected simulation/case based discussion • Weekly protected neonatal teaching • Weekly neonatal Grand Round/journal club • Weekly microbiology meeting • Attendance at MMH monthly full day protected advanced neonatal education (targeted at neonatal fellows and nurse practitioner level) 						
Profile of work	<p>NPM Advanced Trainees in the fellow role will cover the acute care of NICU patients. They will also attend clinics and MFM consultations and there will be opportunities for research, audit and project work.</p> <p>This fellow role also involves attendance at the Neonatal Management committee, Quality and Safety committee and other areas pertinent to future junior consultant roles.</p>						
Hospital web link	<p>https://www.goldcoast.health.qld.gov.au/hospitals-and-centres/gold-coast-university-hospital</p>						
Hospital contact	<table border="1"> <tr> <td data-bbox="595 1021 798 1077">Name:</td> <td data-bbox="798 1021 1457 1077">Dr Peter Schmidt, Director of Neonatology</td> </tr> <tr> <td data-bbox="595 1077 798 1133">Tel:</td> <td data-bbox="798 1077 1457 1133">07 3567 3515</td> </tr> <tr> <td data-bbox="595 1133 798 1176">Email:</td> <td data-bbox="798 1133 1457 1176">Peter.schmidt@health.qld.gov.au</td> </tr> </table>	Name:	Dr Peter Schmidt, Director of Neonatology	Tel:	07 3567 3515	Email:	Peter.schmidt@health.qld.gov.au
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Mater Mothers Hospital: Neonatal Critical Care Unit

<p>Hospital information and highlights</p>	<p>Mater Mothers Hospital (MMH) is a private hospital that cares for both publicly and privately funded patients in the largest maternity/perinatal service in Australasia. MMH has a large, busy and internationally respected materno-fetal medicine (MFM) service and is a referral centre for pregnancies where the fetus has a surgical or cardiac condition. The Neonatal Critical Care Unit (NCCU) is also one of the largest centres in Australia and combines perinatal intensive care services with a surgical and cardiac intensive care.</p> <p>Mater NCCU is also a referral centre for infants requiring paediatric sub-speciality services and Queensland Children’s Hospital (QCH) is co-located on the same site. The NCCU shares an excellent relationship with QCH in the care of infants with complex needs.</p> <p>MMH works closely with Mater Research and Mater Education to ensure excellent research and inter-professional educational opportunities are provided to trainees working in the NCCU.</p>
<p>Service type (inpatient/outpatient/community)</p>	<p>Inpatient services (Preterm Medical NICU, Cardiac Surgical NICU and Special Care Nursery)</p> <p>Outpatient services (short term medical follow up, long term growth and development follow up and antenatal counselling through MFM)</p>
<p>No. of beds Annual paediatric admissions</p>	<p>79 total cots:</p> <ul style="list-style-type: none"> • 47 NICU cots • 32 SCN cots <p>Approximately 2000 admission per year</p>
<p>No of births (if applicable)</p>	<p>10,000 – 11,000 births annually</p>
<p>RACP accreditation</p> <p>Please refer to the RACP website for up to date accreditation status</p>	<p>Accredited for 24 months of neonatal perinatal medicine training:</p> <ul style="list-style-type: none"> • Maximum 18 months core training • Maximum 18 months perinatal training • 12 months of training equivalent to 6 months surgical training • 12 months training will result in 100% of long term follow up requirements • 12 months training will likely result in 100% of retrievals required
<p>Potential rotations (depending on availability)</p>	<p>Core perinatal/neonatal training and surgical training. Rotations to NeoRESQ will result in achieving retrievals</p>
<p>Staffing and supervision</p>	<p>13 Neonatologists (9 FTE):</p> <ul style="list-style-type: none"> • All are eligible to be RACP supervisors • 4 Neonatologists with prominent research credentials able to support and supervise research • 2 Neonatologists are supervisors for clinician performed ultrasound <p>7 Neonatal fellow positions (6.5 FTE) 2 Senior fellow positions (research fellow and simulation fellow) 12 Neonatal registrars and 1 SHO (rotated through QCH) 4 RMO/JHO/Interns</p>

	3 Neonatal nurse practitioners	
Teaching and learning	<ul style="list-style-type: none"> • 3x week radiology teaching • Fortnightly perinatal mortality meeting • Weekly MFM meeting • Twice weekly protected teaching (formal education, journal club, grand round and combined surgical teaching) • Monthly full day protected advanced neonatal education (targeted at neonatal fellows and nurse practitioner level) • Weekly infectious diseases meeting • Basic Certificate in Clinician Performed Ultrasound teaching 	
Profile of work	<p>NPM Advanced Trainees in a neonatal fellows role are expected to provide 24 hour cover of the NCCU (including the cardiac surgical area, preterm medical and SCN).</p> <p>Trainees will get a wide range of clinical experiences, including cardiac and surgical experience and experience with complex infants managed by paediatric subspecialists at QCH. Trainees will also get the opportunity to learn and then lead discharge planning in SCN, provide interdisciplinary education, attend short term and growth and development clinics, provide antenatal consultations in MFM and acutely on the ward and there are opportunities for quality improvement, audit, research and project work.</p>	
Hospital web link	https://www.maternothers.org.au/	
Hospital contact	Name:	Dr Pita Birch, Director of Neonatology
	Tel:	07 3163 8868
	Email:	pita.birch@mater.org.au

Royal Brisbane and Women's Hospital - NICU

<p>Hospital information and highlights</p>	<p>The Grantley Stable Neonatal Unit at the Royal Brisbane and Women's Hospital is the tertiary referral neonatal centre for central Queensland, (Brisbane to Rockhampton), specialising in the management of premature and sick babies. Admissions come mainly from this area, but some are also received from southern and northern parts of Queensland, and from Northern New South Wales.</p> <p>The Unit manages all varieties of neonatal problems, with babies requiring surgery (paediatric or cardiac) being transferred out to the Mater Mother's Hospital. Close collaboration with surgeons, medical specialists and cardiologists of the Queensland Children's Hospital enhances care provision to complex cases.</p> <p>RBWH's materno-fetal medicine department has close links to the GSNU and provides excellent opportunities for trainees to collaborate.</p> <p>The GSNU is co-located with NeoRESQ (Neonatal Retrieval Emergency Service Southern Queensland), a neonatal retrieval service for sick and premature neonates who require emergency transport for ongoing care at a tertiary neonatal facility. This service is provided by expert neonatal transport personnel from RBWH and the Mater Mother's Hospital. The service transports in excess of 600 babies per year.</p>
<p>Service type (inpatient/outpatient/community)</p>	<p>Inpatient services (Neonatal medical)</p> <p>Neonatal Retrieval Services (NeoRESQ)</p> <p>Outpatient services (Growth and development follow up, short term medical follow up, antenatal counselling in partnership with MFM)</p>
<p>No. of beds</p> <p>Annual Neonatal admissions</p>	<ul style="list-style-type: none"> • 30 ICN cots and 39 SCN cots • 1950 admissions per year
<p>No of births (if applicable)</p>	<ul style="list-style-type: none"> • 5000 births annually
<p>RACP accreditation</p> <p>Please refer to the RACP website for up to date accreditation status</p>	<p>Accredited for 24 months of neonatal perinatal medicine training:</p> <ul style="list-style-type: none"> • Maximum 18 months core training • Maximum 18 months perinatal training • 12 months training will result in 75% of long term follow up requirements • 12 months training will likely result in 100% of retrievals required

Potential rotations (depending on availability)	Core perinatal training and retrieval experience through NeoRESQ						
Staffing and supervision	<p>10 Neonatologists (7.7 FTE)</p> <ul style="list-style-type: none"> All are eligible to be RACP supervisors and a number have prominent research credentials for research support. <p>9 Neonatal fellow positions 2.7 FTE Nurse practitioners 9 Paediatric registrars, rotating from QCH 2 SHOs and 2 Interns</p>						
Teaching and learning	<ul style="list-style-type: none"> Monthly full day advanced neonatal education (targeted at neonatal fellows and nurse practitioner level) in conjunction with the other neonatal units. Twice weekly radiology meetings Weekly advanced trainee teaching Weekly early morning teaching with Prof Davies Weekly MFM meeting Short and long-term clinic opportunities Weekly journal club Monthly unit mortality meetings Bi-monthly perinatal mortality and morbidity meetings Discharge planning opportunities Weekly Neonatal Grand Rounds 						
Profile of work	<p>NPM Advanced Trainees in a neonatal fellow position will rotate through several different roles which gives a balanced training base.</p> <p>Clinical supervisory roles in the intensive and special care units</p> <p>Education time to teach registrars, nursing staff, medical students</p> <p>Discharge planning and liaising with referring centres</p> <p>Rotation through NeoRESQ allows ample opportunity to be the first point of contact for retrievals and to complete many retrievals</p> <p>Antenatal and MFM consultation</p> <p>Outpatient clinics</p> <p>Presentation of cases to multidisciplinary teams and meetings</p>						
Hospital web link	https://metronorth.health.qld.gov.au/rbwh						
Hospital contact	<table border="0"> <tr> <td>Name:</td> <td>Dr Lucy Cooke, A/Director of Neonatology</td> </tr> <tr> <td>Tel:</td> <td>07 3646 8918</td> </tr> <tr> <td>Email:</td> <td>Pieter.koorts@health.qld.gov.au</td> </tr> </table>	Name:	Dr Lucy Cooke, A/Director of Neonatology	Tel:	07 3646 8918	Email:	Pieter.koorts@health.qld.gov.au
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Townsville University Hospital

<p>Hospital information and highlights</p>	<p>Townsville University Hospital's Neonatal Unit is a unique training facility, being the most regional Level 6 Neonatal Intensive Care Unit in Australia, approximately 1300km from the nearest metropolitan centre. It provides services from Mackay to the south, Thursday Island in the Torres Strait to the north and Mount Isa to the west, managing babies across the spectrum of neonatal and perinatal pathologies. Aboriginal and Torres Strait Islanders account for 25% of admissions to the Neonatal Unit and 40% of the admissions to NICU, providing a comprehensive experience in Indigenous neonatal health.</p> <p>Townsville Neonatal Unit provides antenatal support to the busy Maternal-Fetal Medicine service, giving excellent opportunities to undertake antenatal counselling for a variety of conditions. The unit also provides access to on-site neonatal surgery with staff including Paediatric Surgeons, Paediatric Neurosurgeons and Paediatric ENT surgeons. Babies requiring cardiac surgery are transferred out. The in-house retrieval service (ANTS-NQ) performs approximately 100 retrievals per year, mostly aeromedical.</p> <p>The unit is also a research active unit, participating in both national and international studies, and well supported by the hospital's research infrastructure.</p> <p>The Neonatal Unit provides excellent experience for an Advanced Trainee in Neonatal & Perinatal Medicine. There are many opportunities to gain proficiency in advanced neonatal procedures as well as providing support and supervision to the Basic Trainees. The rostering of the service allows on-call retrieval missions, Growth & Development Clinics, coordination of and participation in education and opportunities to undertake research and complete College requirements. In addition to this, Advanced Trainees are invited to attend management meetings and begin to expand their skills beyond clinical and into managerial, in preparation for advancement to consultant level practice.</p>
<p>Service type (inpatient/outpatient/community)</p>	<p>Inpatient, Growth & Development and Short-Term Follow-up Outpatient Clinics, retrieval of sick babies from North Queensland</p>
<p>No. of beds Annual neonatal admissions</p>	<p>44 total cots</p> <ul style="list-style-type: none"> • 16 NICU cots • 28 SCN cots. <p>Approximately 800 admissions annually</p>
<p>No of births (if applicable)</p>	<p>3000 in Townsville University Hospital and the Mater Hospital Townsville and 10,000 region-wide</p>
<p>RACP accreditation Please refer to the RACP website for up to date accreditation status</p>	<p>Accredited for 18 months core and 6 months non-core Advanced Neonatal & Perinatal Medicine:</p> <ul style="list-style-type: none"> • 12 training months is equivalent to 6 months neonatal surgical training • 12 training months is likely to result in over 25 retrievals

	<ul style="list-style-type: none"> 12 training months is likely to result in 50% of long term follow up activities, including discharge planning, outpatient 						
Potential rotations (depending on availability)	Core Neonatal & Perinatal Medicine training with retrieval experience with ANTS-NQ. Two years in Townsville followed by one year at Mater Mothers' Hospital, Brisbane						
Staffing and supervision	6 FTE Neonatologists with a range of clinical and non-clinical interests, all are RACP accredited. 1 Neonatal fellow position 4 Basic Trainees 8 Nurse Practitioners						
Teaching and learning	<ul style="list-style-type: none"> Daily consultant-led/supervised ward rounds Neonatal & Perinatal Grand Rounds Journal Club Morbidity & Mortality meetings Radiology meetings MFM meetings Direct supervision for College projects, research and quality improvement activities NeoResus course facilitation Management meetings 						
Profile of work	<p>NPM Advanced Trainees in a neonatal fellow position are rostered predominantly within normal business hours with on-call rostering as part of the ANTS-NQ retrieval service. Retrievals are undertaken as part of a trained team with direct telephone supervision by the coordinating Neonatologist.</p> <p>NPM Advanced Trainees are responsible for:</p> <ul style="list-style-type: none"> leading the Basic Trainees in the development of skills required to manage unwell babies regular attendance at Growth & Development Clinics provision of formal education to Basic Trainees and medical students <p>NPM Advanced Trainees have the opportunity to:</p> <ul style="list-style-type: none"> participate in and establish new research projects attend Neonatal Unit Management Meetings apply for academic an appointment with James Cook University 						
Hospital web link	https://www.health.qld.gov.au/townsville						
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