



SCN900.116

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Rehabilitation Specialist – 4242724T
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Neurorehabilitation CNC
Physiotherapist
Physiotherapist
Occupational Therapist

Interim Guideline for Management of Neonates with Myelomeningocele who have had Pre-Natal Repair in the NICU Review Date: 10 June 2023

Post delivery management

- Contact neurosurgical team via registrar (Dr Kohan/Dr Mitchell)
- Contact Rehab team via registrar/fellow or Rehab CNC (Dr Lim)
- Contact Urology team via fellow (Dr Dally/Dr Giutronich)
- Insert in-dwelling catheter
- Measure head circumference



Ongoing management

- **When feasible** commence clean intermittent catheterization 4-5x/day and start CIC education with parents with low dose antibiotic prophylaxis
- Daily head circumference
- Neurosurgical team to guide required imaging
- Avoid use of latex
- Renal ultrasound at 1 week and 6 weeks
- If hydrocephalus/Chiari II is present, refer to sleep team for sleep study due to risk of central apnoeas
- Bladder diary of catheter volumes at 6 weeks
- Hip Ultrasound at 6 weeks
- Monitor feeding and weight gain
- Ongoing review by Neurosurgical, Rehabilitation (will also liaise with Physio/OT as required) and Urology teams
- +/- Orthopaedic review +/- casting/splinting depending on examination findings
- Social work – emotional support and commence NDIS application
- Routine newborn care including hearing assessment, immunisations



Discharge

- Advise Rehab CNC of discharge and we will organize follow up outpatient appointment in MDT Spinal Dysraphism Clinic