

# Clinical Skill Assessment: *Newborn Bloodspot Screening.*

811/MN\_AT

During this assessment the participant will demonstrate competency to correctly perform a heel prick for the collection of blood for a Newborn Screen test.

Assessor to ensure that the following are complete prior to clinical assessment:		
<ul style="list-style-type: none"> <li><a href="#">Newborn Bloodspot Testing (NBS)</a> <input type="checkbox"/></li> <li>Knowledge evident <input type="checkbox"/></li> </ul>	<ul style="list-style-type: none"> <li>Independent practice assessment <input type="checkbox"/></li> </ul>	<ul style="list-style-type: none"> <li>RPL <input type="checkbox"/></li> </ul>

PERFORMANCE CRITERIA:	Achieved	Not Achieved
<p><b>Demonstrates the application of, and the ability to apply standards that reflect accountabilities for professional practice as relevant to the profession:</b></p> <ul style="list-style-type: none"> <li>Nursing &amp; Midwifery Board of Australia (NMBA) Standards for Practice, Codes &amp; Guidelines</li> </ul>		
<p><b>Applies the following policies and procedures:</b></p> <ul style="list-style-type: none"> <li>MNH Patient Identification and Procedure Matching 003862</li> <li>MNH Patient Consent and Informed Decision-making 003436</li> <li>MNH Infection Control: Standard Precautions 004711</li> <li>MNH Communicating for Safety 002043</li> <li>MNH Newborn Bloodspot Screening (heel prick test) Neonate 006574</li> <li>MNH Aseptic Technique 006517</li> <li>MNH Infection Control: Preventing and Controlling Healthcare – Associated infection Policy 004925</li> <li>MNH Infection Control: Standard Precautions 004711</li> <li>MNH Infection Control: Preventing and Controlling Healthcare – Associated Infection Procedure 003487</li> <li>MNH Medication – Development and Utilisation of Standing Order Procedure 006674</li> </ul>		
<p><b>Discusses and demonstrates knowledge of:</b></p> <ul style="list-style-type: none"> <li>Importance of information required on the card including: -                             <ul style="list-style-type: none"> <li>Feeding</li> <li>Timing</li> <li>Non-Lactose Feeds</li> <li>Total Parenteral Nutrition</li> <li>Intravenous 10% Dextrose for greater than six (6) hours</li> <li>Birth weight</li> <li>Gestational age</li> <li>Birth Time</li> <li>Collection Time</li> <li>First Milk Time</li> </ul> </li> </ul>		

PERFORMANCE CRITERIA:	Achieved	Not Achieved
Performs correct hand hygiene technique for the procedure		
Applies standard precautions throughout the procedure		
<b>Establishes and maintains a therapeutic interaction and caring relationship with parent/caregiver:</b> <ul style="list-style-type: none"> <li>• Introduces self and establishes a therapeutic relationship</li> <li>• Provides and maintains privacy</li> <li>• Explains procedure to the parent/caregiver including identification of the metabolic disorders, risks, and benefits of early detection</li> <li>• Outlines clinical information required and completes the card accordingly</li> <li>• Provides parent/caregiver the information sheet</li> <li>• Obtains informed consent from the parent/caregiver.</li> </ul>		
<b>Maintains a safe environment for staff, neonates, parents /caregivers at all times:</b> <ul style="list-style-type: none"> <li>• Undertakes clinical practice within legislative requirements and scope of practice</li> <li>• Performs a safety check of the neonate's identification band (ID) against the ID label on the neonatal screening card</li> <li>• Dons appropriate personal protective equipment (PPE)</li> </ul>		
<b>Discusses and/or demonstrates requirements prior to the procedure and key components of neonatal care:</b> <ul style="list-style-type: none"> <li>• Performs Assessment: <ul style="list-style-type: none"> <li>• Position neonate for the procedure</li> <li>• Heel position and placement</li> </ul> </li> <li>• Provides comfort measures and pain relief as required</li> <li>• Discusses appropriate choice of equipment required including appropriate lancet size</li> </ul>		
<b>Performs the safe collection of blood:</b> <ul style="list-style-type: none"> <li>• Clean the site with an alcohol wipe, allow to air dry</li> <li>• Prick the neonatal heel in the correct place and position</li> <li>• Wipe away the first drop of blood</li> <li>• Allow a drop of blood to accumulate, avoid excessive squeezing, and allow time for capillary refill</li> <li>• Drop blood onto the card to fully fill a circle before moving onto the next circle</li> <li>• Assess haemostasis has been achieved and cover heel site if required with a sterile gauze pad (avoid band aids)</li> <li>• Assess that the neonate is settled by parent/caregiver post procedure</li> <li>• Provide education to parent/carer for ongoing care, including follow up care prior to discharge and the potential need for a repeat screen</li> <li>• Safely dispose of sharps and other equipment</li> <li>• Take completed card to drying area (e.g.rack) in a timely manner</li> </ul>		
<b>Accurately documents and reports details of assessment findings and clinical management in patient healthcare records:</b> <ul style="list-style-type: none"> <li>• Name and signature of collector on the NBS card</li> <li>• Document in the neonate's patient record (paper or integrated electronic Medical Record)</li> <li>• Document in the Patient Health Record (Red book)</li> <li>• Escalate any abnormal or changed observation to medical officer/neonatal nurse practitioner and/or team leader in a timely manner</li> </ul>		

PERFORMANCE CRITERIA:	Achieved	Not Achieved
<p><b>Discusses and demonstrates knowledge of the quality and care of the card post collection including: -</b></p> <ul style="list-style-type: none"> <li>• Screening cards provided by QLD Pathology have four (4) circles however three (3) filled and soaked through to the back of the card is acceptable</li> <li>• If collection was difficult, two (2) circles are acceptable</li> <li>• Unacceptable samples include: - <ul style="list-style-type: none"> <li>• Insufficient blood</li> <li>• Blood not soaked through the card</li> <li>• Not enough circles completed (e.g.one only)</li> <li>• Contaminated sample (e.g., water, urine)</li> <li>• Sample not dried properly</li> <li>• Serum rings caused by alcohol, hand lotion, excessive squeezing</li> <li>• Clotted and layered blood sample caused by multiple applications</li> </ul> </li> <li>• Allow the blood to dry fully for a maximum of four (4) hours on a flat surface or drying rack prior to placing the card in a paper envelope</li> <li>• Send the card to the Newborn Screening Pathology Queensland or hand in to pathology collection areas.</li> </ul>		
<p><b>Discusses and demonstrates knowledge including:</b></p> <ul style="list-style-type: none"> <li>• Potential requirement for a repeat sample including: <ul style="list-style-type: none"> <li>• Low birth weight, premature or sick neonate</li> <li>• Monochorionic multiple birth (same sex)</li> <li>• Blood products and transfusion</li> <li>• Intravenous 10% Dextrose for greater than six (6) hours</li> <li>• Perinatal Steroids (multiple doses)</li> <li>• Total Parenteral Nutrition</li> </ul> </li> <li>• How the results are communicated to the parents/caregivers</li> <li>• Parent/caregiver refusal of consent and follow-up information provided by health team</li> </ul>		
Name of Participant: Signature:	Date:	
Name of Assessor: Signature:	Date:	
<p><b>Please Circle</b></p> Competent                      YES / NO		
Comments:		