# Neonatal IV antibiotic administration – Clinical Assessment Tool

Name: HE#:

## Outcome

Demonstrates the required understanding and clinical skills for administering IV antibiotics to the newborn.

## Preparation

* Applicable for initial competency and staff with previous competency or competency from other health service.
* Clinical competency requirements **MUST NOT** be undertaken until the theory competency requirements are completed.
* Midwifery students do not administer neonatal IV medications until their SCN allocation.

### Theory

Read clinical guidelines:

* <https://healthpoint.hdwa.health.wa.gov.au/policies/Policies/NMAHS/WNHS/WNHS.PMM.MedicationAdministration.pdf>
* Recommend attendance at inservice (if available)

### Supervised practice

Supervisor – Health care professional deemed competent in administration.

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| --- | --- | --- |
| **Requirement** | **Date** | **Supervisor Initial** |
| Observe demonstration by midwife/nurse deemed competent in the procedure (or simulation) |  |  |
| Clinical practice or simulation administering the neonatal IV medication supervised by midwife/nurse deemed competent |  |  |
| **Previous competency (or competency from other health service)** | | |
| Complete theory components |  |  |
| Supervised clinical practice (or simulation) administering the neonatal IV medication by midwife/nurse deemed competent |  |  |
| **Ongoing competency** | | |
| Confirmation on annual PDR document |  |  |

## Performance criteria

To be completed and signed by the supervisor. (A=achieved, NA= not achieved)

|  |  |
| --- | --- |
| **Date:** | **A/NA** |
| **Preparation:** | |
| * Confirms consent and provides education to parents |  |
| * Prepares equipment |  |
| * Checks “6 rights” of medication administration |  |
| **Procedure:** | |
| * Performs hand hygiene and dons gloves |  |
| * Assesses IV site noting any redness, swelling or inflammation |  |
| * Ensures IV site visible during administration |  |
| * Opens appropriate port and ensures 2nd port is closed |  |
| * Cleanses the port with 2% chlorhexidine and 70% alcohol swab and allows to air dry for 30 seconds |  |
| * Administers normal saline 0.5mL flush with 3mL luer-lock tip checking for:   + Resistance   + Pain   + Swelling around the insertion site   + Leaking around the insertion site |  |
| * Connects the medication syringe to the access port ensuring no air enters the system. Administers the medication at the specified rate following the recommended administration guidelines |  |
| * Flushes the line with 0.5mL normal saline at the same rate as the medication to avoid rapid infusion of any medication that remains in the IV line/ cannulae. |  |
| * Ensures that both clamps are in the closed position |  |
| * Performs hand hygiene |  |
| * Maintained ANTT principle throughout |  |
| * Rechecks IV site |  |
| **Post-procedure:** | |
| * Correctly documents administration |  |
| * Demonstrates an understanding of correct ongoing IV site assessment. FOUR hourly assessment of IV site. |  |

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| --- | --- | --- |
| **Comment:**  **Recommendation**  ⃝ Competency achieved ⃝ Competency NOT achieved – Plan: | | |
| **Supervisor:** | Name: | Designation: |
| **Signature:** |  | |

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