# Patient Controlled Intravenous Analgesia (PCIA) - Postoperative administration - Clinical assessment tool

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ HE#:

## Outcome

Demonstrates the required understanding and clinical skills required to administer postoperative PCIA medications.

New staff (if relevant) to complete all requirements within 3 months of commencing employment at KEMH.

## Preparation

Applicable for initial competency and staff with previous competency or competency from other health service. Supervisor – Midwife/Nurse deemed competent or Anaesthetist.

### Theory

Completion of WNHS pre-reading

* PCIA Postoperative (midwives and nurses)

<https://healthpoint.hdwa.health.wa.gov.au/policies/Policies/NMAHS/WNHS/WNHS.ANAE.PCIAPostoperative.pdf>

* Medication Administration (midwives only)

<https://healthpoint.hdwa.health.wa.gov.au/policies/Policies/NMAHS/WNHS/WNHS.PMM.MedicationAdministration.pdf>

## Supervised practice

Demonstration of the preparation and administration of a PCIA device.

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| **Group 1 – initial (once only) competency** | **Date** |
| Completion of WNHS pre-reading. |  |
| Demonstration of the preparation and administration of a PCIA device (see Performance Criteria). |  |
| **Group 2 – demonstrated evidence of PCIA administration competency outside WNHS** | **Date** |
| Completion of WNHS pre-reading. |  |
| Application for recognition of prior learning assessed on an individual basis. |  |

## Performance criteria

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| Programs PCIA pump in clinical practice (or simulation training) including priming line and demonstrates awareness of process to increase bolus dose / rate if ordered by medical practitioner. |  |
| Demonstrated knowledge of PCIA programming code.  If manual program / override required – nursing staff to seek anaesthetic staff assistance (Consultant approval required/ Acute Pain Service). |  |
| **Patient management during intravenous infusion:**  Demonstrates knowledge of:   * Observations required. * PCIA connected to a dedicated intravenous cannula (IVC) or maintenance line with anti-reflux valve during infusion. * Records sedation score and nausea scale throughout infusion. * Pump setting checked at every shift change. * Emergency instructions on PCIA chart in event of change in sedation score / RR/ patient deterioration. * Staff actions if analgesia is inadequate. * Safely discarding residual solution once intravenous opioid infusion is ceased by Acute Pain Service. |  |

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| **Comment:**  ⃝ Competency achieved ⃝ Competency NOT achieved | | |
| **Supervisor Name:** | | Designation: |
| **Signature:** | Date: | |