



## Workplace Competency Assessment – CVC Insertion

Trainee Name: \_\_\_\_\_

CICM ID: \_\_\_\_\_

Hospital: \_\_\_\_\_

Date: \_\_\_\_\_

Assessor Name: \_\_\_\_\_

CICM ID: \_\_\_\_\_

- Insertion site (please select):
- Internal jugular
  - Subclavian (supra and sub clavicular approach)
  - Femoral

- Performance type (please select):
- Simulation
  - Clinical performance\*

- Case complexity (please select):
- Low
  - Medium
  - High

Trainees should classify the complexity of the case based upon case features such as:

- Anatomical difficulty
- Site
- Urgency
- Coagulopathy
- Patient cooperation
- Haemodynamic stability
- Other relevant information

Relevant case information to justify complexity:

\*Clinical performance is required for satisfactory completion, simulation may be used for formative purposes



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### Global assessment:

**Trainee self-assessment:** In order to provide safe, effective and high quality care in similar cases, the entrustment level I would choose is:

<input type="checkbox"/> Direct supervision	<input type="checkbox"/> Proactive supervision	<input type="checkbox"/> Responsive Supervision	<input type="checkbox"/> Oversight	<input type="checkbox"/> Independent
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**Assessor:** Based on this observation, in order to provide safe, effective and high quality care in similar cases, the trainee's entrustment level would be:

<input type="checkbox"/> Direct supervision	<input type="checkbox"/> Proactive supervision	<input type="checkbox"/> Responsive Supervision	<input type="checkbox"/> Oversight	<input type="checkbox"/> Independent
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### Descriptions of levels of entrustment

Level 1	<p><b>Direct supervision</b> The trainee requires direct observation from a clinical supervisor; prompting is required or the task/activity is performed collaboratively with the clinical supervisor as a coactivity.</p>
Level 2	<p><b>Proactive supervision</b> The trainee requires the clinical supervisor to be in the clinical unit and physically available within minutes to provide assistance and consultation. Findings or decisions may require consultation.</p>
Level 3	<p><b>Responsive supervision</b> The trainee requires the clinical supervisor to be in the hospital and available for consultation and assistance; this includes availability by telephone for advice. Findings or decisions may require consultation.</p>
Level 4	<p><b>Oversight</b> The trainee requires the clinical supervisor to be readily contactable, but the clinical supervisor does not need to be in the hospital. The trainee may require consultation for complex cases, complications or unexpected issues.</p>
Level 5	<p><b>Independent*</b> The trainee understands risks and performs tasks/activities safely. The trainee is able to provide supervision to and teach junior trainees.</p>

\*Although the trainee is able to perform the task/activity independently, as a trainee of the CICM training program the clinical supervisor must assume overall responsibility for the trainee at all times.



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### Actionable Feedback

	Elements done well	Elements for development
<p><b>Safe and effective procedural preparation</b></p> <ul style="list-style-type: none"><li>• Identifies indications for central venous access and ultrasound guidance if required</li><li>• Examines patient to establish insertion site and correctly identifies any indications / major contraindications for site selection</li><li>• Selects appropriate catheter</li><li>• Prepares and positions patient appropriately</li><li>• Ensures appropriate monitoring and staff support is established</li></ul>		
<p><b>Procedure carried out safely and effectively</b></p> <ul style="list-style-type: none"><li>• Establishes and maintains appropriate infection control management (sterile set up with equipment, appropriate scrub, dons sterile barrier attire, prepares site with antiseptic, establishes sterile barrier)</li><li>• Establishes appropriate anaesthesia</li><li>• Identifies relevant anatomical landmarks and appropriate puncture site</li><li>• Uses ultrasound appropriately</li><li>• Performs venous puncture efficiently</li><li>• Uses appropriate method to confirm venous puncture (visual assessment, ultrasound, pressure transduction, comparative gas tension)</li><li>• Performs appropriate Seldinger technique and catheter insertion</li><li>• Confirms intra-vascular placement and flushes all lumens</li><li>• Applies appropriate fixation device and dressing / handles sharps appropriately</li><li>• Orders and reviews chest x-ray when indicated</li><li>• Reviews and monitors for immediate complications (failed insertion, arrhythmia, arterial puncture, bleeding, pneumothorax, ETT puncture)</li></ul>		



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<p><b>Situational awareness</b></p> <ul style="list-style-type: none"><li>• Demonstrates awareness of changes within patient and environment and acts accordingly (e.g. awareness of arrhythmias)</li><li>• Demonstrates insight into a need for assistance if required</li></ul>		
<p><b>Provision of safe ongoing care</b></p> <ul style="list-style-type: none"><li>• Adequately describes ongoing care including catheter surveillance, indications for removal and technique</li><li>• Adequate description of late complications and their management,</li><li>• Demonstrates sufficient knowledge of the role and complications of guide-wire exchange</li></ul>		
<p><b>Appropriate professional behaviour</b></p> <ul style="list-style-type: none"><li>• Demonstrates sensitivity and respect for patient/family/whānau and colleagues</li><li>• Maintains patient dignity, privacy and confidentiality</li></ul>		
<p><b>Effective collaboration with colleagues</b></p> <ul style="list-style-type: none"><li>• Works efficiently with team during procedure</li><li>• Debriefs the team when necessary</li></ul>		



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<p><b>Effective communication skills</b></p> <ul style="list-style-type: none"><li>• Provides comprehensive information and sensitively obtains informed consent</li><li>• Completes full and accurate documentation</li><li>• Completes relevant handover to other staff</li></ul>		
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Trainee reflection, goals and future actions:

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