

## APPENDIX 2 - Clinical competencies for the Disconnection of Continuous Infusional Chemotherapy from a CVAD

Name:	Role:
Base:	Date initial intravenous therapy training completed:
	Date aseptic e-assessment completed:

### Competency Statement:

The participant demonstrates clinical knowledge and skill in chemotherapy disconnection. Assessment in practice must be by a Registered Nurse who can demonstrate competence at level 4 or above.

Performance criteria	Assessment method	Level achieved	Date	Assessor
<b>1. Demonstrates safe knowledge in disconnecting IV chemotherapy.</b>				
a) Identify the correct venous access device appropriate for cytotoxic therapy.	Questioning / Observation			
b) List three complications of cytotoxic therapy	Questioning / Observation			
c) Describe and demonstrate the precautions taken when handling cytotoxic medicines	Questioning / Observation			
d) Demonstrate knowledge / practice on how to manage a cytotoxic spillage	Questioning / Observation			
e) Describe and demonstrate precautions which should be taken by a pregnant or breast feeding woman in relation to cytotoxic therapy	Questioning / Observation			
f) Demonstrate correct documentation following procedure/removal.	Questioning/ Observation			
<b>2. Demonstrates safe practice in disconnecting chemotherapy</b>				
a) Demonstrate safe knowledge and practice of the equipment and preparation required for disconnection of chemotherapy including; patient preparation and comfort, and selection of correct equipment.	Questioning / Observation			
b) Demonstrates knowledge and practice of safe removal of a chemotherapy infusor <ul style="list-style-type: none"> <li>• Assessment of patient and medical condition.</li> <li>• Awareness of risks associated with removal.</li> <li>• Appropriate use of PPE.</li> <li>• Correct disposal of equipment.</li> <li>• Ensuring patient comfort and</li> </ul>	Questioning / Observation			

safety.				
c) Demonstrate correct use of aseptic technique during the procedure, identifying key parts and key sites	Observation			
d) Demonstrate appropriate equipment preparation.	Observation			
e) Demonstrate correct removal technique	Observation			
f) Demonstrate correct disposal of waste and sharps.	Observation			
g) Demonstrate correct documentation following removal.	Observation			

Date all elements of Competency Tool completed \_\_\_\_\_

Name \_\_\_\_\_ Signature \_\_\_\_\_

Status \_\_\_\_\_ Date \_\_\_\_\_

**For Assessor**

I confirm that I have assessed the above named Registered Nurse and that he/she has demonstrated an overall competence in chemotherapy disconnection at level \_\_\_\_\_

Assessor \_\_\_\_\_ Signature \_\_\_\_\_

Status \_\_\_\_\_ Date \_\_\_\_\_

Review Dates:	Competent Yes / No	Registered Nurse Signature	Assessor signature	Comments

## Levels of competency Rating Scale for the disconnection of chemotherapy (PICC or CVC)

	Level of achievement	Level
<b>Novice</b>	Cannot perform this activity satisfactorily to the level required in order to participate in the clinical environment	<b>0</b>
↓	Can perform this activity but not without constant supervision and assistance	<b>1</b>
	Can perform this activity with a basic understanding of theory and practice principles, but requires some supervision and assistance	<b>2</b>
<b>Competent Practitioner</b>	Can perform this activity with understanding of theory and practice principles without assistance and/or direct supervision	<b>3</b>
↓	Can perform this activity with understanding of theory and practice principles without assistance and/or direct supervision, at an appropriate pace and adhering to evidence based practice  At this level competence will have been maintained for at least 6 months and/or is used frequently (2-3 times /week) The practitioner will demonstrate confidence and proficiency and show fluency and dexterity in practice  This is the minimum level required to be able to assess practitioners as competent	<b>4</b>
	Can perform this activity with understanding of theory and practice principles without assistance and/or direct supervision, at an appropriate pace and adhering to evidence based practice.  At this level the practitioner will be able to adapt knowledge and skill to special/ novel situations where there may be increased levels of complexity and/or risk	<b>5</b>
<b>Expert</b>	Can perform this activity with understanding of theory and practice principles without assistance and/or direct supervision, at an appropriate pace and adhering to evidence based practice.  Demonstrate initiative and adaptability to special problem situations, and can lead others in performing this activity  At this level the practitioner is able to co-ordinate, lead and assess others who are assessing competence. Ideally they will have a teaching and /or mentor qualification	<b>6</b>

Adapted from: Herman GD, Kenyon RJ (1987) Competency-Based Vocational Education. A Case Study, Shaftsbury, FEU, Blackmore Press, cited in Fearon, M. (1998) Assessment and measurement of competence in practice, *Nursing Standard* 12(22), pp43-