

Peripheral Vascular Catheter Care Bundle

Version 2008-2

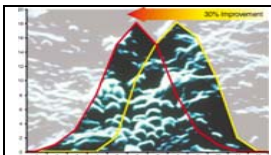
Peripheral Vascular Catheter Care Bundle

Don't put them in; Get them out; Look after them properly

The Bundle

1. Checking the PVCs *in situ* are *still required*
2. Removing PVCs where there is *extravasation or inflammation*
3. Checking PVC *dressings are intact*
4. Considering removal of PVCs *in situ longer than 72 hours*
5. Performing hand hygiene *before and after* all PVC procedures

Improving process to improve outcome



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This example of a Standard Operating Procedure illustrates one way to deploy the PVC Bundle. You can use it as somewhere to start, but it is anticipated that locally the bundle will be used in many different ways, for example, local decisions include: when it is done, how often it is done, who does it and how the data are collected. Successful implementation of this bundle can be achieved using the SPSP rapid cycle testing methodology.

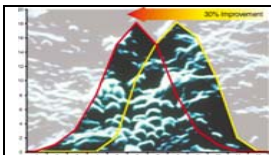
As long as the bundle criteria data are collected, and reported back then the bundle is being done. Therefore please use this procedure as a starting point but do not consider it to be prescriptive. To confirm the bundle criteria are fixed, how you execute the procedure to complete the bundle criteria reliably is up to you and your team locally.

HPS would be delighted to assist in the sharing of good practice, please let us know of anything you have identified that could help someone else do it better quicker. Email:

HPSinfectioncontrol@hps.scot.nhs.uk

Other tools that may help you with this bundle are found at

<http://www.hps.scot.nhs.uk/haic/ic/index.aspx>

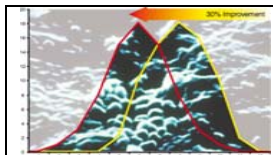


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	<ol style="list-style-type: none"> 7. Maintaining the patient's privacy, ask to see the catheter insertion site – complete the bundle questions. Ask 'buddy nurse'* to confirm hand hygiene procedures and alcohol hub procedures have been optimal. NB Extra-vasiation may still be detected even if there is a sterile gauze dressing over the insertion site, however, NEVER, remove a dressing just to view an insertion site. If the dressing does not facilitate observation of the insertion site then score on extra-vasiation alone. 8. If deemed necessary, remove the catheter aseptically [wearing appropriate PPE]. If you are unsure as to whether to remove the catheter – confirm with a member of the medical team the appropriateness of removing the catheter remaining <i>in situ</i>. 9. Perform hand hygiene. 10. Record actions/findings on the bundle sheet. If necessary record in the patient's notes. 11. Go back and repeat steps 4-9 until all patients in the ward have been visited.
After care	<p>Complete form.</p> <p>Give it to:</p> <p>Discuss and display the data when it has been returned.</p> <p>Keep Bundle forms for XX time</p>

**A buddy nurse can be used to verify optimal care and to act as a reminder to the nurse in charge of an individual patient.*

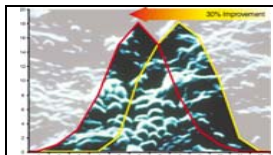
Each buddy nurse must be prepared to observe their colleague's care, comment on it and in turn have their own practices scrutinised



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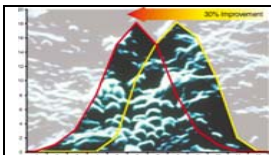
Ward:	Name of person performing the bundle
Date	

Observation number	The PVC is still in use;		Absence of inflammation and or extra-vasation		The PVC dressing is intact		The PVC has been inserted for <72 hrs.		Hand Hygiene before & after all PVC procedures		What was done
	Yes	Continue bundle Remove catheter	Yes	Continue bundle Remove catheter	Yes	Continue bundle Remove catheter	Yes	Continue bundle Request removal	Yes	Continue bundle Request removal	
Sample	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	PVC left in situ
	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Request removal	No	Request removal	PVC Removed
1	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	PVC left in situ
	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Request removal	PVC Removed
2	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	PVC left in situ
	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Request removal	PVC Removed
3	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	PVC left in situ
	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Request removal	PVC Removed
		Continue		Continue		Continue		Continue		Continue	PVC left in situ



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Observation number	The PVC is still in use;		Absence of inflammation and or extra-vasation		The PVC dressing is intact		The PVC has been inserted for <72 hrs.		Hand Hygiene before & after all PVC procedures		What was done
	Yes	bundle	Yes	bundle	Yes	bundle	Yes	bundle	Yes	bundle	
4	Yes	bundle	Yes	bundle	Yes	bundle	Yes	bundle	Yes	bundle	PVC Removed
	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Request removal	
5	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	PVC left in situ
	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Request removal	PVC Removed
6	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	PVC left in situ
	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Request removal	PVC Removed
7	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	PVC left in situ
	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Request removal	PVC Removed
8	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	Yes	Continue bundle	PVC left in situ
	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Remove catheter	No	Request removal	PVC Removed



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Summary Table of PVC Bundle Findings		Comment (if required)
Total number of PVCs <i>in situ</i> at start of PVC Bundle		
Total number of PVCs removed because they were not being used or were no longer required.		
Total number of PVCs removed because of extravasation or insertion site inflammation		
Total number of PVCs removed because the dressing was not intact or was inappropriate		
Total number of PVCs in situ longer than 72 hours.		
Total number of PVCs where hand hygiene has been performed before and after all PVC procedures*		
All or None Table – Was PVC Care Today Optimal		Tick if achieved
100% of PVCs <i>in situ</i> are required		
0% (Zero) PVCs had extravasation or insertion site inflammation		
100% of PVCs had appropriate and intact dressings		
0% (Zero) PVCs removed as a consequence of the bundle round		
0% (Zero) of PVCs were in situ >72 hours.		
100% of PVCs were visible and well positioned		
If all the above were achieved the PVC care was optimal		

* Use a buddy HCW to demonstrate that hand hygiene has been done.

Signature of person completing the PVC bundle: _____

Date bundle completed _____