

Medication administration/flush for PICC or CVC

Skills checklist

Preparation		Complete	Initials
1	Gather appropriate supplies: <ul style="list-style-type: none">– Prefilled saline syringes (2)– Antiseptic wipes containing alcohol, CHG or povidone-iodine– Medication in syringe (<i>if applicable</i>)– Clean gloves	<input type="checkbox"/>	_____
2	Wash hands and don gloves.	<input type="checkbox"/>	_____
3	Explain procedure to the patient.	<input type="checkbox"/>	_____
Medication administration/flush		Complete	Initials
4	Before accessing hubs, connectors or injection ports, scrub them with alcohol, povidone-iodine or CHG ⁺ using friction and a twisting motion for no less than 5 seconds.*	<input type="checkbox"/>	_____
5	Allow equipment to completely air dry.*	<input type="checkbox"/>	_____
6	Attach a prefilled 10 mL saline syringe to needle-free connector, maintaining the sterility of the syringe tip.	<input type="checkbox"/>	_____
7	Verify blood return.	<input type="checkbox"/>	_____
8	Flush the intended lumen with 10 mL saline and confirm that the selected lumen flushes with no resistance. Disconnect the syringe and discard it.*	<input type="checkbox"/>	_____
9	Use a new antiseptic cleansing device/wipe and allow it to dry.*	<input type="checkbox"/>	_____
10	Medication administration: disconnect the flush syringe and connect the medication syringe, maintaining the sterility of the syringe tip. Inject the medication and disconnect the syringe.	<input type="checkbox"/>	_____
11	Use a new antiseptic cleaning device/wipe and allow it to dry.*	<input type="checkbox"/>	_____
12	Attach a prefilled 10 mL saline syringe to injection cap/needle-free connector, maintaining the sterility of the syringe tip.	<input type="checkbox"/>	_____

For hospital clinician use only



Medication administration/flush (continued)

Complete

Initials



13

Flush using the amount and syringe size as appropriate.*

14

Flush vigorously before and after use, using the pulsatile technique.

15

Never reuse single-use flushing syringes, even on the same lumen.

After medication administration/flush

Complete

Initials



16

Discard used supplies.

17

Remove gloves.

18

Perform hand hygiene.

19

Document procedure in the patient's record per institutional policy.

Name and title

Unit

Date

Trainer name

*Please consult manufacturer's instructions for use (IFU) and facility protocols.

*Do not use in patients with known allergies to chlorhexidine gluconate or isopropyl alcohol.

Note: This document is for informational purposes only and is not intended to be a substitute for clinical judgment and expertise.

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