



**CLINICAL PRACTICE GUIDELINE**

Guideline coverage includes NICU KEMH, NICU PMH and NETS WA

# Central Vascular Access: Giving Set Changes

This document should be read in conjunction with the [Disclaimer](#)

Changing giving sets for central venous and arterial lines is a **2 person** aseptic technique.

Line changes frequency for -

- CIVAS prepared infusions is 96 hours unless otherwise indicated by the stability of fluid/drug being infused or the expiry of CIVAS prepared fluids.
- Lipid infusions, giving set is changed every 24hours.
- Infusions prepared on the ward or additives added on the ward, giving sets are changed every 24 hours.
- Giving sets are to be changed more frequently if contaminated or accidental disconnection occurs.



## Equipment for Giving set/ Fluid Changes

- Trolley
- Sterile gloves and dressing pack
- Appropriate giving set (check expiry date)
- 2% Chlorhexidine and 70% alcohol swabs
- Checked fluids

## Procedure

Check patient ID with fluid order.

	<b>Assistant</b>	<b>Operator</b>
1.	Hand hygiene	Hand hygiene
2.	Open dressing pack Place sterile gloves on a separate clean surface	Don sterile gloves
3.	Open giving set/s and 2% chlorhexidine swabs onto sterile field. Hold bag or syringe for operator to spike or attach giving set.	Prepare giving set.  Attach giving set to bag or syringe. Take care not to contaminate gloves.
4.	Allow fluid through giving set to prime.	

	Ensure line is clamped.	
5.	Put infusion pump on pause. Open incubator door. Clamp current giving set.	
6.	Lift up giving set, take care not to place old giving set on sterile towel.	Place sterile towel under the giving set. Place end of new giving set on sterile towel.
7.	Disconnect line when directed to by operator.	Pick up the line (infant end) with opened out 2% chlorhexidine 70% alcohol swab and whilst holding the line near the bung allow the assistant to disconnect the old line taking care not to compromise key parts.
8.		When disconnected scrub the exposed bung site for 30 seconds. Allow at least 30 seconds for drying.
9.		Attach the new giving set.
10.	Insert the new giving set into the pump, recommence infusion, ensure the line and giving set are unclamped.	
11.	Perform hand hygiene	Perform hand hygiene.
12.	Documentation: sign fluid orders, document line change on MR489. Label giving set with appropriate venous or arterial label.	
		

Related WNHS policies, procedures and guidelines

Infection Prevention and Management Manual - [Aseptic Technique](#).

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