

Venous Catheter Maintenance Table For patients 10kg and under

	FLUSH PROTOCOL			Blood Draws	DRESSING CHANGES	NEEDLELESS ACCESS DEVICE	Replacement of Administration Sets
	Maintenance Flush (when line not in use) Flush each lumen	Intermittent Flush (when line is being used intermittently)					
PICC (Upper extremity or lower extremity for infants)	<u>Valved</u> 5ML NS WEEKLY <u>Non-Valved</u> Q12HR 5ML NS 3ML 10U/ML HEPARIN	<u>Valved</u> 5ML NS infuse medication <i>then</i> 5ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN		<u>Valved</u> 5ML NS Discard: 3mL Draw labs then 5 ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN	24HR post insertion <i>then</i> Q week & PRN Measure visible external catheter length	• On admission • Q week & PRN • Q24HR w/ TPN • After blood draws	Q24HR
Non-Tunneled Subclavian Jugular Femoral	<u>Valved</u> 5ML NS WEEKLY <u>Non-Valved</u> Q24HR 5ML NS 3ML 10U/ML HEPARIN	<u>Valved</u> 5ML NS infuse medication <i>then</i> 5ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN		<u>Valved</u> 5ML NS Discard: 3mL Draw labs then 5 ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN	Q WEEK & PRN Measure visible external catheter length	• On admission • Q week & PRN • Q24HR w/ TPN • After blood draws	Q24HR
Tunneled Catheters (Chest Area) Broviac/Hickman	<u>Valved</u> 5ML NS WEEKLY <u>Non-Valved</u> Q24HR 5ML NS 3ML 10U/ML HEPARIN	<u>Valved</u> 5ML NS infuse medication <i>then</i> 5ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN		<u>Valved</u> 5ML NS Discard: 3mL Draw labs then 5 ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN	Q WEEK & PRN Measure visible external catheter length	• On admission • Q week & PRN • Q24HR w/ TPN • After blood draws	Q24HR
Implanted Venous Port	• Accessed Q24HR • Non-accessed Q month 5ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN	5ML NS infuse medication <i>then</i> 5ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN		5ML NS Discard: 3ML Draw labs then 5 ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN	Q WEEK & PRN Change non-coring needle Q week	• On admission • Q week & PRN • Q24HR w/ TPN • After blood draws	Q24HR
Midline Catheter	<u>Valved</u> 5ML NS WEEKLY <u>Non-Valved</u> Q12HR 5ML NS	<u>Valved or Non-valved</u> 5ML NS infuse medication <i>then</i> 5ML NS		Not Recommended for Midlines	24HR post insertion <i>then</i> Q week & PRN Measure visible external catheter length	• On admission • Q week & PRN	Q24HR

Valved Catheters: Do not routinely require heparin flushing for maintenance.

Syringe Size:

To prevent catheter damage, use 10ML syringe or larger.



Venous Catheter Maintenance Table

For patients greater than 10kg

DEVICE	FLUSH PROTOCOL			DRESSING CHANGES	NEEDLELESS ACCESS DEVICE	Replacement of Administration Sets
	Maintenance Flush (when line not in use)	Intermittent (when line is being used intermittently)	Blood Draws			
PICC (Antecubital)	<u>Valved</u> 5ML NS WEEKLY <u>Non-Valved</u> Q12HR 5ML NS 5ML 10U/ML HEPARIN	<u>Valved</u> 5ML NS infuse medication <i>then</i> 5ML NS <u>If Non-Valved follow with</u> 5ML 10U/ML HEPARIN	<u>Valved</u> 5ML NS Discard: 5ML Draw labs then 10 ML NS <u>If Non-Valved follow with</u> 5ML 10U/ML HEPARIN	24HR post insertion <i>then</i> Q week & PRN Measure visible external catheter length	- On admission - Q week & PRN - Q24HR w/ TPN - After blood draws	Q24HR
Non-Tunneled Subclavian Jugular Femoral	<u>Valved</u> 5ML NS WEEKLY <u>Non-Valved</u> Q24HR 5ML NS 5ML 10U/ML HEPARIN	<u>Valved</u> 5ML NS infuse medication <i>then</i> 5ML NS <u>If Non-Valved follow with</u> 3ML 10U/ML HEPARIN	<u>Valved</u> 5ML NS Discard: 5ML Draw labs then 10 ML NS <u>If Non-Valved follow with</u> 5ML 10U/ML HEPARIN	Q WEEK & PRN Measure visible external catheter length	- On admission - Q week & PRN - Q24HR w/ TPN - After blood draws	Q24HR
Tunneled Catheters (Chest Area) Broviac/Hickman	<u>Valved</u> 5ML NS WEEKLY <u>Non-Valved</u> Q24HR 5ML NS 5ML 10U/ML HEPARIN	<u>Valved</u> 5ML NS infuse medication <i>then</i> 5ML NS <u>If Non-Valved follow with</u> 5ML 10U/ML HEPARIN	<u>Valved</u> 5ML NS Discard: 5ML Draw labs then 10ML NS <u>If Non-Valved follow with</u> 5ML 10U/ML HEPARIN	Q WEEK & PRN Measure visible external catheter length	- On admission - Q week & PRN - Q24HR w/ TPN - After blood draws	Q24HR
Implanted Venous Port	- Accessed Q24HR - Non-accessed Q month 5ML NS <u>If Non-Valved follow with</u> 5ML 100U/ML HEPARIN	5ML NS infuse medication <i>then</i> 5ML NS <u>If Non-Valved follow with</u> 5ML 100U/ML HEPARIN	<u>Valved</u> 5ML NS Discard: 5ML Draw labs then 10ML NS <u>If Non-Valved follow with</u> 5ML 100U/ML HEPARIN	Q WEEK & PRN Change non-coring needle Q week	- On admission - Q week & PRN - Q24HR w/ TPN - After blood draws	Q24HR
Midline Catheter	<u>Valved</u> 5ML NS WEEKLY <u>Non-Valved</u> Q12HR 5ML NS	<u>Valved or Non-valved</u> 5ML NS infuse medication <i>then</i> 5ML NS	Not Recommended for Midline catheters	24HR post insertion <i>then</i> Q week & PRN Measure visible external catheter length	- On admission - Q week & PRN	Q24HR

Valved Catheters: Do not routinely require heparin flushing for maintenance

Syringe Size: To prevent catheter damage, use 10ML syringe or larger.