



Hummingbird Med Devices

HUMMI Closed Needleless Micro-Draw Blood Transfer Device

A Closed System for Blood Transfer and Collection

Knowledge and Skills Competencies:

Implementation of a single access closed system for Venous Blood Sampling and Closed System Flush with the Hummi Micro-Draw Blood Transfer Device:

UVC Blood Transfer Guidelines using Aspirating Syringe

Competency Statement:

Upon completion of the orientation, the clinician will understand the impact of the Hummi Closed Micro-Draw Blood Transfer Device on obtaining UVC Umbilical Venous Catheter blood samples using Aspirating Syringes and the need for providing of a closed system flush.

The clinician will also have the knowledge to discuss the benefits of a Closed Micro-Draw Blood Transfer Device system as it relates to decreasing line accesses, reduction of blood exposure, providing for reduced volume of holding/waste clearance blood and providing for a low volume of flush.

Name: _____ Date: _____ Validator: _____
Printed / Signature

Performance Criteria	Validation Performance	Self-Assessment		Competency Met Date / Validator's Initials			Learning Options, Action Plan, Comments
	Preceptor Confirms: Performs according to standards, guidelines, and / or protocol.	Are you knowledgeable, and / or competent to perform?		A. Verbalizes Understanding; needs to perform (if applicable) B. Performs competently C. Needs to repeat / practice			<ul style="list-style-type: none"> * In-Service * Read Assigned Materials * Skill demo / return demo * Patient Care with preceptor
		YES	NO	A.	B.	C.	
Understands the indications for the need of a UVC.	Frequent monitoring of venous blood & appropriate values.						Competency defined by the hospital and user has been identified as a competent in the use and care of these lines. Completed the reading and the assignments of the hospital as defined when caring for a patient with a UVC catheter.
Utilizes best practice guidelines for insertion and maintenance of Umbilical Venous Catheter Lines. UVC French catheter gauge sizes	UVC maintenance guidelines according to hospital / unit protocols. Knowledge of the size of the UVC catheters and the volume of the catheter and the fluid volume needed to flush the catheter.						Competency defined by the hospital and user. Observations of an insertion and maintenance of the UVC line. Product information and usage guidelines provided / supplied by Umbilical Arterial Catheter manufacturer.
Performance Criteria	Validation Performance	Self-Assessment		Competency Met			Learning Options, Action Plan,

			Date / Validator's Initials			Comments	
	Preceptor Confirms: Performs according to standards, guidelines, and / or protocol.	Are you knowledgeable, and / or competent to perform?		A. Verbalizes Understanding; needs to perform (if applicable) B. Performs competently C. Needs to repeat / practice		* In-Service * Read Assigned Materials * Skill demo / return demo * Patient Care with preceptor	
		YES	NO	A.	B.	C.	
<p>Recognizes the need for the implementation/use of the Hummi Micro-Draw Blood Transfer Device system and obtains the appropriate supplies to set-up and use the system.</p> <p>Understands the blood transfer process using the Hummi Micro-Draw Blood Transfer Device.</p>	The Hospital will have selected the Aspirating Syringe to be used in collection of the transferred blood from the Micro Draw device.						<p>Attends an in-service or has been coached after viewing the Hummi Micro-Draw Blood Transfer Device system clinical use guidelines provided below:</p> <p><u>Hummi Clinical Education Guidelines</u></p> <p><u>UVC Written Guidelines</u></p> <ul style="list-style-type: none"> • UVC Guidelines Using Aspirating Syringe <p>Observe demo - repeat demo (if required)</p> <p>Understands the use of the Hummi Micro-Draw Blood Transfer Device system with the Aspirating syringe.</p> <p>Utilizing principles of sterile / aseptic technique during implementation and use.</p>
Performance Criteria	Validation Performance	Self-Assessment		Competency Met Date / Validator's Initials		Learning Options, Action Plan, Comments	

	Preceptor Confirms: Performs according to standards, guidelines, and / or protocol.	Are you knowledgeable, and / or competent to perform?		A. Verbalizes Understanding; needs to perform (if applicable) B. Performs competently C. Needs to repeat / practice			* In-Service * Read Assigned Materials * Skill demo / return demo * Patient Care with preceptor
		YES	NO	A.	B.	C.	
Understands each of the components of the Hummi Micro-Draw Blood Transfer Device.	<ul style="list-style-type: none"> • Blood Transfer Tube • “W” Blue Clamp Waste/ Holding Leg • “S” Red Clamp Sample Leg • White sterility venting / line closure plugs 						Review Hummi UVAC Written Guidelines Hummi Clinical Education Guidelines
Understands the use / function of the Hummi Micro Draw device Blunt Blood Transfer Tube.	Demonstrates that the Blunt Blood Transfer Tube must be completely inserted through the T-Connector Split-Septum until the Blunt Tube is fully inserted and the blunt tube tip rests inside the catheter hub.						Review Hummi UVC Written Guidelines Hummi Clinical Education Guidelines
Understands the use / function of the Hummi “W” blue blood waste / holding line clamp closure device when doing blood clearance procedure.	Verbalizes understanding that the blue “W” Waste/Holding clamp must be closed prior to insertion of the Blunt Blood Transfer Cannula into the T-Connector Split-Septum and at specific times during blood draw.						Review Hummi UVC Written Guidelines Hummi Clinical Education Guidelines
Understands the use / function of the Hummi red “S” Blood Sample line clamp closure device when doing blood sampling procedure.	Verbalizes understanding that the “S” red Blood Sample clamp must be closed prior to insertion of the Blunt Blood Transfer Cannula into the T-Connector Split-Septum and at specific times during blood draw.						Review Hummi UVC Written Guidelines Hummi Clinical Education Guidelines
Understands the function of the Hummi vented line closure plug.	Understands that the white sterility venting / line closure plugs must be in place and removed only for attachment of syringes prior to inserting the Micro Draw device into the Split Septum T-Connector.						Review Hummi UVC Written Guidelines Hummi Clinical Education Guidelines

<p>UVC Blood Draw – Using Aspirating Syringe:</p> <p>Understands how to transfer the sampling blood to the appropriate blood collection device from the UVC catheter utilizing the Split-Septum T-Connector and the Hummi Micro-Draw Blood Transfer Device using Aspirating Syringes.</p>	<p>Demonstrates and verbalizes the following:</p> <ul style="list-style-type: none"> * Obtains the appropriate syringes and antiseptic swabs. * Antimicrobial swabbing of T-Connector Split-Septum. * Closes both the Red “S” sample clamp and the Blue “W” Waste/Holding clamp. * Closes the T-Connector Slide Clamp prior to inserting blood blunt transfer tube. * Pre-attach the Blood Collection Aspirating sample syringe to the Hummi Micro Draw device that has the Red “S” Blood Sample clamp. * Pre-Attach the Waste / Holding Aspirating syringe to the Hummi Micro Draw device that has the Blue “W” Waste/Holding clamp. * Establishes good blunt transfer tube positioning in preparation for insertion through the T-Connector Split-Septum. (90 degree angle to T-Connector split septum surface. 	<u>YES</u>	<u>NO</u>	<u>A.</u>	<u>B.</u>	<u>C.</u>	<p>Review Hummi UVC Aspirating Syringe Written Guidelines</p> <p>Hummi Clinical Education Guidelines</p>
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		<u>YES</u>	<u>NO</u>	<u>A.</u>	<u>B.</u>	<u>C.</u>	
<p>UAC Blood Draw – Using Aspirating Syringe:</p> <p><u>Continued</u> Understands how to transfer the sampling blood to the appropriate blood collection device from the UVC catheter utilizing the Split-Septum T-Connector and the Hummi Micro-Draw Blood Transfer Device using Aspirating Syringes.</p>	<ul style="list-style-type: none"> * Inserts Micro Draw device blunt tube through split septum until tube is fully inserted through the septum and rests inside the catheter hub. * Open “W” blue clamp and aspirate the appropriate waste / holding volume. * Re-clamp the “W” blue clamp. * Open the “S” red clamp and aspirate the appropriate blood sample volume for testing. * Re-clamp the “S” red clamp. <p>Demonstrates and verbalizes the following:</p> <ul style="list-style-type: none"> * Positioning “W” syringe tip down for reinfusion of waste/holding and reinfusion of the waste / holding syringe blood to the patient per hospital policy. * Re-clamp the “W” blue clamp. * Removal of the sample syringe for testing. * Removal of Micro Draw device and connected waste syringe from T-Connector and disposal in sharps container. * Opens the T-Connector Slide Clamp to allow flushing of UVC. * Flushing of UVC catheter as per hospital policy * Final Antimicrobial swabbing of T-Connector Split-Septum. 						<p>Review Hummi UVC using Aspirating Syringe Written Guidelines</p> <p>Hummi Clinical Education Guidelines</p>