

Refill of Intera 3000 Intrahepatic Pump – DAHS-NSCRI3000IP		
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Name:	Employee ID #:	
Unit:	Title:	
PERFORMANCE CRITERIA - Unless otherwise specified all skills will be demonstrated in accordance with the appropriate UC Davis Health policy.		
These skills will be considered complete when all below performance criteria are completed and have been scanned and emailed to: hs-cppn@ucdavis.edu		
	Date Completed (or N/A)	Verifier Initials
References: 1. UC Davis Health Policy 10007: Intrahepatic Implanted Pump Refill 2. UC Davis Health Policy 10001: Hazardous Drugs (HD) (Chemo): Safe Handling/Preparation/Administration/Disposal of Waste/Spill Procedures 3. Elsevier skills: "Safe Handling of Hazardous Medications (Oncology) -CE 4. Elsevier skills: "Sterile Gloving-CE" 5. Intera Oncology online resources: https://interaoncology.com/providers/customer-support 6. UC Davis Health Policy 4055: Medication Administration		
Explain sterile procedure to patient		
Verify provider orders via electronic medical record (EMR), chemotherapy module (BEACON). If any dose reductions are needed based on RN assessment, contact provider		
Place patient in a supine position, ensuring patient comfort. Assess pump site for signs and symptoms of swelling, redness or tenderness; notify physician if present. Palpate pump to establish orientation and landmarks. Refer to physician and stop procedure if unable to palpate pump		
If administering chemotherapy, perform independent double check, including verification of eight rights of medication administration as defined in UC Davis Health Policy 4055 Medication Administration . If not administering chemotherapy, check syringe provided by pharmacy against physician order and verify 8 medication rights		
Demonstrate safe handling techniques and donning of appropriate Hazardous Drug PPE as described in UC Davis Health Policy 10001 Hazardous Drugs (HD) (Chemo): Safe Handling/Preparation/Administration/Disposal of Waste/Spill Procedures		
Have a clean, clear workspace for sterile supplies. Perform hand hygiene and don mask		
Assemble the required supplies as listed in Policy 10007, Attachment 2: Intera 3000 Pump Equipment and Instructions		
Using non-sterile gloves, prep skin with 3 sterile alcohol pre pads or sticks. Once dry, using aseptic technique, prep skin with the one chlorhexidine swab stick or 3 povidone-iodine swabsticks (prepped area should extend beyond the periphery of the pump). Let dry while opening packages and sterile gloves		
If administering chemotherapy, don appropriate PPE		
Using sterile technique, open refill kit and expose kit components		
Don sterile gloves and place fenestrated drape over pump site		

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Attach the needle and stopcock to the tubing set. Stopcock and clamp must be in the open position. Next attach the 50 ml calibrated syringe barrel to the stopcock. Tighten all connections		
Re-palpate the pump site and locate the raised septum		
Insert the non-coring needle perpendicular to the pump septum. Advance needle until it is in contact with the needle stop		
Allow the pump reservoir to empty: Keep downward pressure on the needle throughout the procedure		
Close stopcock. Disconnect the stopcock and syringe barrel, leaving the needle and refill set in place. Note the returned volume from the syringe barrel and record on refill data sticker provided in refill kit. Discard syringe barrel and stopcock		
Expel air from the 10 ml syringe of normal saline and attach the syringe to the proximal end of the refill set and confirm that the needle is still in contact with the needle stop. Keep downward pressure on the needle and inject 5 ml of normal saline into the pump		
Release pressure on the plunger and allow the 5 ml injected to return to the syringe. This procedure reconfirms correct positioning of the needle. Disconnect the syringe from the refill set		
Expel air from the refill syringe. Attach the syringe to the proximal end of the refill set and confirm that the needle is still in contact with the needle stop		
Keep downward pressure on the needle and begin to inject refill solution into the pump. Release pressure on plunger at 5 ml increments and allow 1 ml of solution to return to the syringe. This will verify that the needle is in the correct position and the pump reservoir is being filled. Continue to inject and check needle placement until the syringe is emptied.		
After injecting all of the refill solution, close the clamp on the tubing set and pull the needle out of the pump septum. Remove drape and apply adhesive bandage to access site.		
Use EMR After Visit Summary (AVS) to outline home care and education needed for patient and family: <ul style="list-style-type: none"> a. Possible side effects to watch for with any medication, potential problems and how to deal with them at home b. Patient should concur with next refill date (pump must be refilled every 14 days while patient is on active treatment. It may be possible to change to 21 days once active treatment is completed) 		

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Documentation of the procedure should include: <ul style="list-style-type: none"> a. Anticipated reservoir fluid volume b. Actual reservoir fluid aspirated from the pump c. Medication Administration on the Medication Administration Record d. Any problems with any portion of the procedure 		

PRECEPTOR SIGNATURE		
Signature and Printed Name of Preceptor or other verified personnel who have initialed on this form:		
Initial:	Print Name:	Signature:

PRECEPTEE STATEMENT AND SIGNATURE:

I have read and understand the appropriate UC Davis Health policies and/or equipment operations manual; I have demonstrated the ability to perform the verified skills as noted

Printed Name	Signature	Date