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Cancer Center Radiation Oncology Procedure RN				
Name:	Employee ID #:			
Unit:	Title:			
Due Date:				
These skills will be considered complete when all below performance criteria are completed and pages 1 and 2 have been scanned and emailed to: <a href="https://example.com/hs-cppn@ucdavis.edu">hs-cppn@ucdavis.edu</a>				

Skill/Learning Not all skills are applicable to all Nursing areas – if not applicable mark as N/A	Skill Code (For CPPN Use Only)	Date Completed (or N/A)	Verifier Initials
Gamma Knife Radiation Oncology Procedure	DAHS-NSCGKROP		
High Dose Radiation (HDR) Gynecological Brachytherapy Procedure	DAHS-NSCHDRGBP		
High Dose Radiation (HDR) Prostate Brachytherapy Procedure	DAHS-NSCHDRPBP		
IV Contrast Administration for Radiation Oncology RN	DAHS-NSCIVCRORN		



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Cancer Center Radiation Oncology Procedure RN			
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		SIGNATURE PAGE:	
Signature a	nd Printed Name of Verifier (preceptor or other ver		
Initial:	Print Name:	Signature:	
PRECEPTEE STATEMENT AND SIGNATURE:  I have read and understand the appropriate UC Davis Health Policies and Procedures and/or equipment operations manual, I have demonstrated the ability to perform the verified skills as noted, and I have the knowledge of the resources available to answer questions.			perform the verified skills as noted, and I
Name:		Signature:	Date:

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Cancer Center Radiation Oncology Procedure RN			
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PERFORMANCE CRITERIA - Unless otherwise sp	ecified all skills will be demonstrated in accordance with the appropriate UC Davis	Health Policy and Proced	ure.
		Date	Verifier Initials
Gamma Knife Radiation Oncology Procedure DAHS	-NSCGKROP		
References:  1. Elsevier Clinical Skills: Radiation Therapy Education (Oncology)  2. Elsevier Clinical Skills: Radiation Therapy Assessment (Oncolog  3. UC Davis Health Policy 13023: Sedation Policy  4. UC Davis Health Policy 1411: Consent to Operation, Procedures  5. UC Davis Health Policy 2111: Disinfection in Patient Care Areas  6. UC Davis Health Policy 4019: Universal Protocol	<u>y)</u> s, Blood Transfusion and Administration of Anesthetics		



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High Dose Radiation (HDR) Gynecological Brachythe	erapy Procedure DAHS-NSCHDRGBP		
References:  1. UC Davis Health Policy 13023: Sedation 2. UC Davis Health Policy 13001: Vascular Access (Adult/Pediat 3. UC Davis Health Policy 4004: Safe Patient Handling 4. UC Davis Health Policy 9010 Urethral Catheter Insertion, Main 5. UC Davis Health Policy 1411: Consent to Operation, Procedure	ntenance, and Removal		
Locates Procedure Calendar on Outlook calendar and reviews	updated schedule		
Understands operating instructions for equipment and obtains	necessary equipment needed to safely assist with the procedure		
Identify procedure(s) and its indication: 1. Tandem and Ring 2. Random and Ring with needles 3. Cylinder with needles 4. Cylinder treatments 5. Interstitial			
Confirms and signs consent per <u>UC Davis Health Policy 1411:</u> <u>Administration of Anesthetics</u>	Consent to Operation, Procedures, Blood Transfusion and		
Confirm appointment in Mosaic and EMR			
IF applicable: Send OR scheduling request through EMR and v	verifies anesthesia request in Snapboard		
Checks, confirms lab results, confirms anesthesia assignment			
Creates a telephone encounter for pre-procedural calls (confirm time of arrival, answers questions, preparation and confirm blood test prior to procedure)			
Day of procedure:  1. Start IV and start hydration. 2. Assess patient for airway access, NPO Status, med 3. Attach electrodes to obtain baseline. 4. Prepares pre-procedure medication. 5. Communicates with Anesthesiologist and procedura			



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ų.			
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These skills will be considered complete when all below p	performance criteria are completed and pages 1 and 2 have been scanned	and emailed to: hs-cppn@	ucdavis.edu
High Dose Radiation (HDR) Gynecological Brachythe	rapy Procedure continued		
Participate in Procedural Pause: 1. Procedural and anesthesia consent signed and availab 2. Labs are acceptable. 3. Procedure MD, staff, RT available, Physicist if applicab 4. Equipment and instruments ready 5. Patient confirms name, date of birth, and procedure			
Assist patient and anesthesiologist in positioning during inducti	on of anesthesia (skip if sedation only procedure)		
Assist the procedural MD and Radiation Therapist during the p	rocedure when not sedating		
Stays with the patient in the room to circulate and monitor the $\boldsymbol{\mu}$	patient		
Set up/applies alternating leg pressure device (ALPS) and Mist	ral Air device throughout the entire procedure.		
Assists and confirms correct positioning			
Performs skin prep aseptically			
Inserts Foley catheter to drainage bag, apply clamp if needed			
Documents in EMR: procedure, medication, complication, inter	ventions		
Receives handoff report from anesthesia or other staff			
Secure intraprocedural medications			
Medicate patient as needed and document in EMR. Refer to Se	edation Policy. Assess for signs and symptoms of pain		
Documents treatment pause, treatment start and treatment end	l		
Monitors patient outside the room and document during treatme	ent		
Assess patient for bleeding, assist MD in hemostasis			
Removes Foley catheter and documents output			
Provide after care (removal of excess prep on skin)			
Assists in positioning patient			
Assists transfer of patient to gurney and transfer to recovery ar	ea		
Assists during recovery: Monitor vital signs, assess for anesthe	sia residual, monitor intake and tolerance		
Communicates discharge instructions to patient and document patient teaching in EMR and print the After Visit Summary (AVS)			



Cancer Center Radiation Oncology Procedure RN

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High Dose Radiation (HDR) Gynecological Brachytherapy Procedure continued	
Documents hand off report when assuming or transferring care	
Assist patient in scheduling follow up appointments before discharge if applicable	
Returns medications and document in Pyxis	
Discharge patient via wheelchair and document in EMR	
Performs after care of procedural and recovery areas	
Prepare and set up for next procedure	

PERFORMANCE CRITERIA - Unless otherwise specified all skills will be demonstrated in accordance with the appropriate UC Davis Health Policy and Procedure.

Date Verifier Initials

## High Dose Radiation (HDR) Prostate Brachytherapy Procedure DAHS-NSCHDRPBP

## References:

- 1. UC Davis Health Policy 13023: Sedation
- 2. UC Davis Health Policy 13001 Vascular Access (Adult/Pediatric)
- UC Davis Health Policy 4004 Safe Patient Handling
- 4. UC Davis Health Policy 9010 Urethral Catheter Insertion, Maintenance, and Removal
- 5. UC Davis Health Policy 142 Cystoscopy (Adult)

Locates Procedure Calendar on Outlook Calendar and review updated schedule.

Understands operating instructions for equipment and obtains necessary equipment needed to safely assist with the procedure.

Title:

Identify procedure(s) and its indication:

- 1. Monotherapy
- 2. Boost
- 3. Fiducial Placement
- 4. Space OAR Placement

Confirm appointment in Mosaic and EMR

IF Applicable: Send OR scheduling request through EMR and verifies Anesthesia Request in Snapboard.

Pre-Procedure:

Checks and confirms lab results, confirms Anesthesia assignment in Snapboard the day prior to the procedure.

Creates a telephone encounter for pre-procedural calls e.g. confirms time of arrival, answers questions, review pre-procedure instructions, review and confirm blood test prior to procedure



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High Dose Radiation (HDR) Prostate Brachytherapy I	Procedure continued		
Day of Procedure:  1. Start IV and start Hydration  2. Assess patient for airway access, NPO status, medications t  3. Attach electrodes to obtain baseline  4. Prepares pre-procedural medication  5. Communicates with Anesthesiologist and Procedural MD re:  6. Assists MD to perform rectal exam  Participate in Procedural Pause:  1. Procedural and Anesthesia consent signed and available  2. Labs are acceptable			
2. Labs are acceptable 3. Procedure MD, Physicist, staff, RT available 4. Equipment/Instruments ready 5. Patient confirms name, Date of Birth and Procedure, Diagnosis  Assist patient and Anesthesiologist in positioning during induction of Anesthesia (Skip if Sedation only Procedure).			
Assist the procedural MD and Radiation Therapist during the p	ocedure.		
Stays with patient in the room to circulate and monitor the patie	nt.		
Sets up/Applies Alternating Leg Pressure device and Mistral Ai	Device throughout the entire procedure.		
Assists and confirms correct positioning.			
Performs skin prep aseptically.			
Inserts Foley catheter to drainage bag.			
Documents in EMR: Procedure, Medication, complication, inter-	ventions.		
Assist procedural MD in set up and document Cystoscopy as needed. (Please refer to Cystoscopy policy and procedure).			
Document Treatment Pause, Treatment start and end.			
Monitors patient outside the room and document during treatment.			
Assess patient for bleeding, assist MD in hemostasis.			
Replace Foley catheter and document output.			
Provide after care e.g. removal of excess prep on skin.			
Assists and Document in Positioning patient and Anesthesia re	moval of Epidural catheter (if applicable).		

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Cancer Center Radiation Oncology Procedure RN				
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High Dose Radiation (HDR) Prostate Brachytherapy Procedure continued	
Assists in repositioning patient for Fiducial and Space OAR placement (If applicable)	
Receives Handoff report from Anesthesia or other staff.	
Apply Cool Compress to Perineal area.	
Assists transfer of patient in gurney and transfer to recovery area.	
Monitors patient vital signs, assess for Anesthesia residual, monitor intake and tolerance, checking patient's bladder and urine output.	
Teaches patient re: removal of Foley catheter.	
Communicates discharge instructions to patient and Document patient teaching in EMR and printing the After Visit Summary (AVS).	
Documents hand off report when assuming or transferring care.	
Assist patient in follow up appointments before discharge (if applicable)	
Discharge patient via wheelchair and document in EMR.	
Performs after care of procedural and recovery areas.	
Prepare and set up for next procedure.	 _



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		Date	Verifier Initials
IV Contrast Administration for Radiation Oncology R	N DAHS-NSCIVCRORN		
References:  1. Radiology Department Policy: RAD 265 Administration of Intravenous Contrast Agents 2. Ambulatory Policy 323 Nursing Intervention in The Event of Certain Medical Emergencies in Adult Patients (Ambulatory Clinics) 3. UC Davis Health Policy: 13066 Prevention and Management of Extravasation of Vesicant/Irritant Agents 4. UC Davis Health Policy: 1411 Consent to Operation, Procedures, Blood Transfusion and Administration of Anesthetics 5. UC Davis Health Policy: 2111 Disinfection in Patient Care Areas 6. Elsevier Clinical Skills and Patient Education: Intravenous Therapy: Prevention and Management of Extravasation 7. Elsevier Clinical Skills and Patient Education: Contrast-Induced Nephropathy			
Successful completion of e-Module IV Contrast Administration	for Radiation Oncology Nurses DAHS-NGNIVCARRT		
Confirms IV contrast orders and patient consent are complete i	n EPIC		
Demonstrates correct pre-screening assessment protocol including creatinine assessment, presence of allergies, and history of previous contrast reaction using "IV Contrast Screening Assessment" sheet.			
Demonstrates appropriate IV site selection for administration of	IV contrast media.		
Identifies location and assures function of emergency equipme	nt and contrast reaction kit.		
Describes potential complications, appropriate nursing interven	tion, and emergency response to adverse reactions of IV contrast.		
Performs and documents RN handoff report when assuming or	transferring care of patient.		
Demonstrates contrast preparation and use of power injectors.			
Ensure Workstation turned on.			
Load empty syringe into power injector head. Pistons will auton	natically advance and clear air from syringe		
Install the spike on the syringe.			
Press the autoload button and adjust volume to 105 with the +/- buttons.			
Press the Fill button.			
Remove contrast bottle and spike from syringe.			
Attach connector tube to the syringe and place cap on end of tubing.			
Rotate power injector so syringe is facing downwards.			

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IV Contrast Administration for Radiation Oncology RN continued			
Connect to patient, confirm volume and rate with therapist, press Start Button.			
Verbalizes nursing interventions required in case of IV contrast extravasation.			
Provides patient education for post procedure hydration, documents in EPIC and provides After-Visit-Summary to patient.			
Completes successful observation of IV contrast administration procedure verified by certified IV contrast RN or RT.			