Section: Approval:	Divisio	Division of Nursing		**************************************			Index: Page: Issue Date:	7420.017a 1 of 2 August 9, 1993	
т фр. о со						Revised Date:	April 9, 2010		
			HAC	KETTSTOWN RE	GIONAL MEDIC	AL CE	ENTER		
		Beards	o, BSN, RN sley, RN						
		<u> </u>			<u>OR</u> Scope)				
TITLE:	ELECTRICAL SURGICAL UNIT USE (ESU)								
PURPOSE:			To identify nursing responsibilities during performance of procedure requiring the use of the ESU.						
SUPPORTIVE	DATA:	The	e use of the ES	SU during surgery	allows for contro	ol of he	emostasis.		
EQUIPMENT LIST:			Disposable active electrode tip						
CONTENT:		PR	PROCEDURE STEPS:			KEY POINTS:			
		1.	Assemble ed	quipment.					
		2.	Inspect elect	trical cord on ESU	for integrity.				
		3.	<ol> <li>Open active electrode and tip onto sterile field aseptically.</li> </ol> Both items are sterile.						
		4.	Connect unit	and verify it is fur	nctioning.	-	anesthesia, grounding pa	under mac or regi explain the applic ad prior to applyir which have meta	ation of ng.
		5.	location for g	is anesthetized, c grounding pad. (N sing bipolar mode skin chosen for pa	lo grounding .) Assess	- - -	Place as clo place over o		ice over large
		6.	<ol> <li>Inspect pad and cord for intactness an integrity of connections and moistness gel.</li> </ol>			-		Defective pad or cord may cause injury to patient. Dry gel is not a conductive.	
		7.		ng pad on patient the R.E.M. (return system.		-		nt is properly grou r audible alarms v	
		8.	Connect gro	unding pad cord to e".	o unit a				
		9.	Ground patie contact.	ent pressing pad fi	rmly for full	-	Avoid gaps,	turned edges, or	tenting effect.

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10. Post draping take end connection of active electrode cord which has been dropped off sterile field and connect at "Monopolar" or "Hand switch". Connect bipolar at bipolar receptacle on unit.

Make sure bipolar cord is not inserted into "monopolar" or "hand switch".

11. Ask surgeon for desired setting and confirm verbally.

Assures no misunderstanding or miscommunication.

12. Position unit so electrical cord lies flat.

Tripping hazards kept to a minimum.

13. For use of bipolar, place foot control by surgeon's foot.

Bipolar mode can only be operated with foot control pedal.

14. At conclusion of case, remove grounding pad and assess skin condition.

DOCUMENTATION:

- On electronic record, document the following:
  - a. ESÜ number
  - b. Site of grounding pad
  - c. Condition of the patient's skin prior to application of and after removal of the grounding pad d. ESU settings

Valley Lab Force FX Electrosurgical Generator Users Guide, 1996 References: