RODENT ASEPTIC SURGICAL TECHNIQUE IN-PERSON TRAINING

UNIVERSITY OF SOUTH FLORIDA COMPARATIVE MEDICINE

Attendee Name: _	Print	Sign	Date	•
Discuss:				
AALAS LL modu	ules, CM SOP 027 & 4	12, Guide, AWA USDA, IAC	UC Principles XII, XIII, XV, & XIX	
		genic microorganisms")	•	
peripheral-vess thoracic cavitie	sel cannulation, subcut	taneous implants) vs Major s se physical or physiological	physical impairment; includes wound sutusurgery (exposure of the cranial, abdomir impairment or extensive tissue dissection	nal, or
	ordkeeping/CMDC forn s (e.g., preemptive, pos		ocumenting appropriate analgesic	
Definition of the front of a surgeIdentification & cPreparation of	sterile surgical work eon's sterile gown (not delineation of pre-op p the patient's skin ((ce	area as delineated by sterilo above shoulders or below hi preparatory area, surgical s	e drapes, the inside of an opened sterile prips), and sterile field at the operative site station, and recovery/post-op area ant scrub, e.g., Avagard, on entire	
depilated/shaved are				
	he surgeon : put on ca e tied in, put on sterile (then scrub hands ~5-6 minutes, then step	into
		k area prior to patient arrival terile gloved-in surgeon	(e.g., back table prep, pack opening, sup	plies)
Sterilization of	instruments (e.g., au	toclave initially, and seconda	ary use of hot bead units)	
			draping and or cold sterilization	
		(e.g., chlorhexidine) for devi		
		xamination of patient, body v (if applicable, see "Batch As	weight taken within 24-48 hours of proced sepsis Check List")	dure
Opening of packDemonstrate theProper drapingPreparation of thePreparation of perparation of perparation of perparation of perparation of perparation of the positioning of the sterile drapingActual surgical results and surgical surgical of draping and oxygen the surgeon is non-	c and laying out of instruct of embox" for hand/arm reference to equipment as need the sterile field at the substance while gloved in patient monitoring equipment as monitoring equipment within the substress importance of prog/clamping to avoid dependence of progress of	movement, "praying stance ded (e.g., use of roll stockine argical incision site, "the scruipment prior to draping of an actioning parameters rgical field, supplemental he "sticky" bio-occlusive, paper, aniques, including those relationship to the control of tissues and relocation of patient to recommend.	the surgical work area (while sterilely glove?" for a gowned/gloved surgeon et, gauze) ub", while not sterile, and final paint & nimal, also discuss tissue color & respirato eat and hydration , stockinet, gauze, cloth)	ory
Tissues dama Pre-emptive an CMDC recordk	cal times may expose ged by crushing/drying nalgesic administration	g, suture/clips, or other surgic o n (e.g., q12hrs for first 24hrs dministration (i.e., surgical re	use them to dry, or compromise blood flow cal implants serve as a nidus for infection. s post operatively, or PRN until 48hrs pos cord & progress notes)	

Non-rodent USDA specific techniques and regulations for users of these species (ie rabbits, ferrets, swine)			
One Person Batch Technique:			
Resetting of the sterile surgical work area between animals and establishing a new sterile field for the next patient: removal of completed animal from station, cleaning of all instruments, then "return to the initial set up Following surgical wound closure, anesthesia turned off, vaporizer setting "0" only oxygen delivered, and patient monitored by the surgeon Instruments cleaned grossly (e.g., blood removed) and placed in "dirty" saline or water bowl Place groups of 4-6 instruments of similar sized in hot bead sterilizer for 15 seconds/group Instruments are placed approximately half of their entire length tips-first into the beads Instruments are then gently placed in the "clean" saline bowl to cool – should hear a "hiss" Instruments can be "stored" in the saline between animals or moved to a designated area, covered allowed to drain prior to use Animal showing signs of recovery from anesthesia and ready to move to recovery Move animal to recovery cage using the drape and or under pad "placemat" Remove drape and provide supplemental heat, fluids and oxygen therapy as needed The surgeon is non-sterile as soon as the animal is removed from surgical station Next animal is prepped by surgeon, and positioned for moving to surgical work area/station Surgeon dons new sterile gloves and using sterile drape material to move the prepped animal to the surgical work area/station Sterile draping is completed and surgery begins			
 Other Considerations: Handling dropped/dirty instruments by "double dipping" in bead unit (use sterile instrument to place first the handles into the beads, then remove and place tips down in beads, then in saline) Insert instrument tips gently to avoid damage to delicate instruments. Place "like instruments" together. Trocars need to be "drug in and seated" vs. pushed straight down (beads can lodge inside and overheat causing damage/clogging of the trocar, caught beads can accidently be transferred inside the animal, and in extreme cases 'mini-explosions'/flying glass beads) Remove all positioning tape (i.e., animal must not return to cage with tape) Do not leave instruments in the hot bead sterilizer. Over-heating can cause warping/damage to instruments and can burn users' fingers; heat travels up the handle. 			
Training provided by:			

Print Sign Date

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