



Office of the Executive Vice President for Research, Graduate Studies  
& New Program Development

## Animal Handling and Procedural Training

Before you initiate a study, you *must* ensure that you and your employees are *proficient* with all animal manipulations being performed in your study.

To schedule training for proper handling, acclimation, dosing, surgical preparation and basic surgical techniques, contact us at (956) 665-2067 or [animalresources@utrgv.edu](mailto:animalresources@utrgv.edu).

### **Better Publications/Study Design:**

[ARRIVE guidelines](#) (Animal Research: Reporting of *In Vivo* Experiments)

[Experimental Design Assistant](#)-EDA

[Guidelines for the Design and Statistical Analysis of Experiments Using Laboratory Animals](#)-Festing and Altman 2002

[Randomized block experimental designs can increase the power of reproducibility of laboratory animal experiments](#)-Festing 2014

### **Breeding Information and Resources:**

[Jax Laboratories Frequently Asked Questions](#) (both Jax policies and breeding information)

[Jax Consideration for Choosing Controls](#)

### **Independent Learning:**



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[CITI Program-required by the IACUC](#)

[The AVMA Guidelines for the Euthanasia of Animals](#)

[Guidelines for Rodent Survival Surgery](#)

[Guidelines for the Use of Wild Mammals in Research](#)

[Guidelines for Training in Surgical Research with Animals](#)

[Office of Laboratory Animal Welfare-Training Materials](#)

[Guidelines for the Use of Fishes in Research](#)

[Guidelines for the Use of Live Amphibians and Reptiles in Field and  
Laboratory Research](#)

[See inside animal research facilities-Come See Our World](#)



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**Anesthesia Checklist**

<b>Surgery</b>	<b>Activity</b>	<b>Notes and Comments</b>
<b>Preparation</b>	Weight	
	Sterile sight prep (warm solutions)	
	Eye lubricant	
	Heating source	
	Intubation (w or w/o lidocaine and lubrication)	
	Injectable: pre-anesthetic/pain/antibiotic	
	Injectable	
<b>Maintenance</b>	Anesthesia (Inhalation/Injectable)	
	Capnography	
	Ventilation	
	Heating source	
	Pain meds/antibiotics	
<b>Recovery</b>	Heating source	
	Criteria for full recovery from anesthesia	
	Mobility	
<b>Post-Op</b>	Eating	
(days)	Drinking	
	Feces	
	Urination	
	Using enrichment	
	Posture	

\*Please use and modify this checklist to suit your surgical needs.