

Animal Disposition

- 1) Euthanasia methods are described in this section of the protocol.
 - a. Even if animals studied in the field will only be observed or will be released, you must include an appropriate method of euthanasia that could be used in the event of an emergency.
- 2) Please refer to the ACUC [Euthanasia Guidelines](https://acuc.berkeley.edu/guidelines/euthanasia.pdf) found on the ACUC web site, <https://acuc.berkeley.edu/guidelines/euthanasia.pdf>.

NOTE: Following euthanasia and prior to carcass disposal, an additional secondary physical means of euthanasia must be performed.

- 3) To add a method of euthanasia, click on the **Add** button.
- 4) If animals are transferred or adopted and euthanasia is NOT the final disposition, please select **Add** and provide detailed information under **Change in Animal Ownership**.

NOTE:

1. Please list and describe euthanasia methods for ova, larvae and/or embryos as applicable.
2. For ACUC-approved descriptions of common euthanasia methods that you can copy into your protocol, please go the [PI Resources section of the OLAC website](#).

NOTE: For ACUC-approved descriptions of common euthanasia methods that you can copy into your protocol, please go the [PI Resources section of the OLAC website](#).

Please consult the [ACUC Euthanasia Guidelines](#). Physical methods of euthanasia must be performed under anesthesia. Following euthanasia and prior to carcass disposal, an additional physical means of ensuring euthanasia must be performed. These physical methods vary by species but may include cervical dislocation for small rodents, bilateral thoracotomy, decapitation, exsanguination, double pithing for amphibians and reptiles, freezing for small ectotherms, or another AVMA-approved method. These must occur after the animal has been rendered non-responsive to noxious stimuli by the primary euthanasia agent.

If some animals under this AUP will not be euthanized but may be transferred to another PI or adopted out as a pet, you must still complete the euthanasia table and identify that for the specie/s under method of euthanasia that there is none (i.e. no euthanasia of some animals). In which case, you must complete the additional table below regarding Change in Ownership of said animal/s to describe the disposition of those animals.

Euthanasia	Add Delete
Please click on 'Add' to add method(s) of Euthanasia	

Provide specific details for carcass disposal.

Click **Add** to describe euthanasia methods for each species.

Conditional on veterinary approval, animals may be eligible for changes in ownership such as adoption or transfer to another PI. Please consult the ACUC [Change in Ownership Policy](#) and/or the [Adoption Policy](#) for details.

Change of Ownership	Add Delete
Please click on Add to add Change of Ownership	

Click **Add** to describe change in ownership.

- 5) On the **Euthanasia** pop-up window, select the **Species** from the drop-down menu, which includes all species added in the Species section of the protocol.

Note: * denotes mandatory field.

Euthanasia		Save Cancel
Species *	Mouse, Laboratory (OLAC Vivarium)	
Method of Euthanasia: Primary *	Carbon Dioxide	
Route of Administration *	Inhalation (IN)	
Dosage (in mg/kg if possible) and volume	dosage	
Method of Euthanasia: Secondary	Cervical Dislocation	
Briefly describe the euthanasia procedure	Mice from one cage will be placed in the CO2 euthanasia chamber equipped with a lid. CO2 is delivered via a compressed gas cylinder equipped with a flow regulator at a displacement rate of 10-30%. After a minimum of 6 minutes exposure, animals will be removed and a cervical dislocation will be performed to verify death.	

Complete:

- **Species**
- **Primary Method**
- **Route**
- **Dosage & Volume**
- **Secondary Method**
- **Brief Description**

Click **Save** to add the euthanasia method to the Animal Disposition section.

- A euthanasia method must be added for each species listed on the protocol. If you are using more than one species, you must add separate euthanasia methods for each species.
 - If you are euthanizing one species using multiple different methods, you must add separate euthanasia methods, selecting the same species.
- 6) Select the **Primary Method of Euthanasia** from the drop-down list or select **Other** and describe the method of euthanasia.

None may also be selected from the drop-down list when euthanasia is **not** the final disposition for animals listed in the protocol (i.e. a change in animal ownership). If this option is selected, a description of the proposed final disposition must be provided.

- If you have selected a physical method of euthanasia as the **Primary Method** (e.g., cervical dislocation or decapitation), you will be asked to provide anesthesia information, or for scientific justification if no anesthesia is provided.

Note: * denotes mandatory field.

Euthanasia		Save Cancel
Species *	Mouse, Laboratory (OLAC Vivarium)	
Method of Euthanasia: Primary *	Decapitation	
Will the animal be anesthetized or sedated?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Agent Name *	Isoflurane	
Route of Administration *	Inhalation (IN)	
Dosage (in mg/kg if possible) and volume	dosage	
Method of Euthanasia: Secondary	None	
Briefly describe the euthanasia procedure		

For physical methods of primary euthanasia, describe anesthesia provided.

Note: * denotes mandatory field.

Euthanasia		Save Cancel
Species *	Mouse, Laboratory (OLAC Vivarium)	
Method of Euthanasia: Primary *	Decapitation	
Will the animal be anesthetized or sedated?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Dosage (in mg/kg if possible) and volume		
Justify this method and how the welfare of the animal will be protected *	<input type="text"/>	
Method of Euthanasia: Secondary	None	
Briefly describe the euthanasia procedure	<input type="text"/>	

If animals will not be sedated, a scientific justification must be provided.

- 7) Select the **Route of Administration** for the Primary Method of Euthanasia from the drop-down list or select **Other** and describe.
- 8) Provide the **Dosage**, in mg/kg if possible, and **Volume**.
- 9) Select the **Secondary Method of Euthanasia** from the drop-down list.
 - a. If have chosen a physical method of euthanasia as the Primary Method (e.g., cervical dislocation or decapitation), you do not need to provide a Secondary Method of Euthanasia; select **None**.
- 10) Provide a brief description for each method of euthanasia. This should include the sequence and timing of events, and any special equipment settings or maintenance.
- 11) Once you complete the Euthanasia pop-up window, click on **Save**, and a summary will be added to the Animal Disposition page.
- 12) To edit a euthanasia method listed, click on the **Species link** for that method. This will open the Euthanasia pop-up window.
- 13) To delete a euthanasia method listed, click on the box next to that method and select **Delete**.

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 Protocol Title: Type your study title here... Save | Spell Check | Help | Close

Click **Next** to save and go to the next Procedure Details tab.

Rationale Procedures Alternative Search Proc... Husbandry **Animal Disposition** Attachments

Personnel Information
 Species
 Are You Using?
 Funding Sources
 Protocol Information
 Rationale
 Procedures
 Alternative Search
 Procedure Relationships
 Husbandry
 Animal Disposition
 Attachments

Please consult the [ACUC Euthanasia Guidelines](#). Following euthanasia and prior to carcass disposal, an additional physical means of ensuring euthanasia must be performed.

Euthanasia				Add Delete
Species	Primary euthanasia method	Route of Administration	Dosage mg/kg (if possible)	Secondary euthanasia method
<input type="checkbox"/> Mouse (OLAC Vivarium)	Carbon Dioxide	Inhalation (IN)	dosage	Cervical Dislocation
<input type="checkbox"/> Mouse (OLAC Vivarium)	Decapitation	Intramuscularly (IM)	dosage	None

Provide specific details for carcass disposal.
 Carcass disposal details

Click **Species Link** to edit.

To delete, select the box next to the method and **Delete**.

- 14) Provide specific details for carcass disposal, including the disposal of fish and amphibian reproductive tissue
- 15) Once you complete the section, click on **Next** to go to the next Procedure Details Tab.