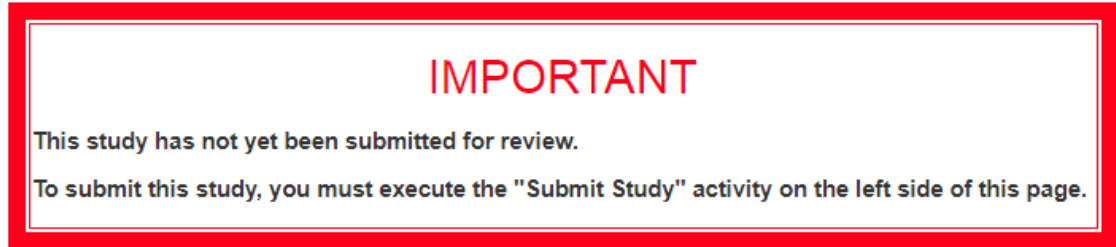



8.2.0 Patch Notes for eIACUC Users


- Workspace Enhancements:
 - Added an additional reminder for users that a protocol or amendment has not yet been submitted to the Office of the IACUC for review. The following image will appear on all studies in the Pre-Submission state:




- Included Co-PIs on approval letters.
- Smartform Enhancements:
 - “Breeding” page:
 - Included new directions to describe deviations to standard animal housing density guidelines on the “Animal Housing, Use, and Transportation” page.
 - “Behavioral Testing” page:
 - Updated directions to clarify food/fluid regulation must be described on the “Changes in Environment, Food, or Fluid” page.
 - “Prolonged Restraint” page:
 - Added new help bubble to mention that animals must be provided the opportunity for unrestrained activity for at least 1 continuous hour daily during the restraining period for restraints lasting longer than 12 hours.
 - “Surgery (Non-Survival)” page:
 - Updated wording regarding HMS’s requirements on aseptic technique for terminal procedures to the following: “While aseptic technique is not required for non-survival surgery, at a minimum the surgical site should be clipped, the surgeon should wear gloves, and the instruments and surrounding area should be clean. For non-survival procedures of extended duration, attention to aseptic technique may be more important in order to ensure stability of the model and a successful outcome.”
 - “Surgery (Survival)” page:
 - For USDA-regulated animals, added language to clarify that surgeries must be conducted in a dedicated operating room.
 - “Other Procedures – Painful/Distressful (Includes Induction of Illness)” page:
 - Fixed the “Upload” button for Standard Procedures.
 - Updated directions when analgesia will not be used to ask for the following: “If you are NOT using analgesia, describe how you will provide relief from pain/distress or justify why relief will not be provided.”
 - “Animal Source and Health Status” page:
 - Simplified animal source options to the following:
 - Procurement/Purchase (i.e. HCCM Procurement)
 - Transfer (i.e. within HMA)
 - Import (i.e. outside HMA)
 - Dual Allocation
 - For USDA-covered species, added an assurance to abide by the HMA IACUC’s [Acclimation of Research Animals](#) policy.
 - For Transfer or Import options, included additional questions.

- Added an assurance for the use of Dual Allocations.
- “Animal Housing, Use, and Transportation” page:
 - Added a new text field for users to describe the animal work being performed at outside institutions/collaborators if animals will return to the Harvard Longwood Campus.
 - Updated directions to indicate users must abide by the HMA IACUC’s [Rodent Identification](#) guideline if toe clipping is being used as a method for identification.
- “Animal Disposition” page:
 - Added a help bubble to include shipping vendor recommendations and link to HCCM’s [general guidelines for shipping animals](#).
 - Included additional instructions for animals being transferred to another protocol.
- “Animal Use and Species Rationale” page:
 - Included language to clarify that breeding animals and animals euthanized without research use must be included in the animal numbers and justification sections.
 - Added a help bubble to include good examples of numbers justification.
- “Researcher Training & Experience, OHS” page:
 - Added the HCCMTraining@hms.harvard.edu email address to the surgical training assurance.
- “USDA Pain Category: Additional Information” page:
 - Revised the page to only request information with regards to the Three R’s. For example:

1.0 * Discuss the steps taken to reduce  overall animal use in this study to the fewest number of animals needed in order to achieve experimental goals. Include any research on these procedures:

2.0 * Discuss steps taken to refine  procedures in order to minimize or eliminate pain or distress.

3.0 * Discuss the considerations taken to replace  pain/stress-inducing procedures in this study, and/or address the feasibility of using alternative methods for achieving experimental aims without the use of live animals.

- “Consideration of Alternatives” page:
 - Removed the “frequency” field from the professional meetings section.
 - Removed the following text field: “Describe how you identify information on alternatives to animal use or to potentially painful procedures” and instead added the following: “Describe any additional information regarding your search for alternatives here if needed.”
- Enhancements to multiple pages:
 - Updated wording to Administered Substances section to help clarify that all substances being used in a procedure must be listed in one of these fields:

*List all anesthetics, tranquilizers, and sedatives used as part of this procedure:

Anesthetic/Tranquilizer/Sedative	Other	Administration Route
There are no items to display		

*Describe your plan for monitoring anesthetic depth:

* List all analgesics used as part of this procedure:

Duration	Analgesic Other	Analgesic	Administration Route
There are no items to display			

List all biological agents used as part of this procedure:

Agent	Agent Other	Type	Administration Route	Dose	Frequency	COMS Registration
There are no items to display						

* List any other substances used as part of this procedure:

Hazardous?	Chemical Agent Name	Other Agent Name	Volume	Dosing Schedule	Total Doses	Survival Length
There are no items to display						

- Included the “open-drop” method as an isoflurane anesthetic option. Users must abide by HCCM Guidelines on [Rodent Anesthesia Using Open-Drop Exposure to Isoflurane](#) and justify why a vaporizer cannot be used.