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:

  ![Important Message]

  - 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:
o “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.”

o 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:
    
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    * 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 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
    
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  ▪ 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.