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| **Protocol Amendment**The IACUC has developed this form to aid investigators with modifications to their approved animal use protocols. However, dependent upon the extent of the requested modification, the IACUC may request that the entire protocol be revised (rewritten). Personnel changes are made using a separate form.  |
| **Principal Investigator:** |  |
| **Title of Protocol:** |  |
| **Protocol Number:** |  |
| **Date of Amendment Submission:** |  |
| **USDA Pain and Distress Category:** |  |
|  |  |
| 1. **Change(s) to be made:** *(If you are requesting additional animals, please provide responses to questions 3 and 4).*
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| 1. **Reasons for change(s):** *(Please be as thorough as possible while providing information, if necessary, how this amendment alters the overall goal of the protocol).*
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**The addition of new procedures that may cause pain or distress requires a new alternative search.**

The Animal Welfare Act regulations require principal investigators to consider alternatives to procedures that may cause more than momentary or slight pain or distress in a human being to which that procedure is applied. Alternatives or alternative methods are generally regarded as those that incorporate some aspect of replacement, reduction, or refinement of animal use in pursuit of the minimization of animal pain and distress consistent with the goals of the research.

A minimum of 2 databases must be searched. However, in some circumstances (as in highly specialized fields of study), conferences, colloquia, subject expert consultants, or other sources may provide relevant and up-to-date information regarding alternatives in addition to, a database search. In these cases, sufficient documentation, such as the consultant’s name and qualifications and date and content of the consult should be provided to demonstrate the expert’s knowledge of the availability of alternatives in the specific field of study.

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|  | Database 1 | Database 2 |
| Name of database searched |  |  |
| Date of search (must be within 6 months of protocol submission) |  |  |
| Years covered by search |  |  |
| Search strategy (must show how keywords were combined) |  |  |
| Other sources consulted |  |

**When searching for alternatives the following should be addressed:**

**• Replacement of existing animal methods with non-animal methods whenever possible.**

**• Reduction of the number of animals needed.**

**• Refinement of research procedures to minimize pain and discomfort.**

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| For each painful procedure, were alternatives identified? |[ ]  Yes |[ ]  No |
| If “Yes”, please describe: |  |  |  |  |
|  |
| If “No”, skip to Question 3. |  |  |  |  |
| If alternatives were identified, will they be incorporated into your proposed work? |[ ]  Yes |[ ]  No |
| If “No”, please explain? |  |  |  |  |
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| 1. **Will there be an increase in animal numbers?**
 |[ ]  Yes |[ ]  No |
| *If “Yes”, complete the table below.* |  |  |  |  |
| Species to be added | Number in the original protocol | Number to be added | Source of the additional animals |
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1. **Justification for additional animals:** *(Please be as thorough as possible).*

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*The IACUC has given the chair the authority to approve changes in animal numbers up to and including 10% of the original approved animal number or the addition of a single animal, whichever is greater.*

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| Signature of Principal Investigator: |  | Date: |  |
| IACUC ApprovalSignature of IACUC Chair: |  | Date: |  |