

15 DEC 2017

Column E Explanation

This form is intended as an aid to complete the Column E explanation. It is not an official form and its use is voluntary. Annual reports and explanations should NOT include PII information such as names (principle investigators and research staff), addresses, protocols, meeting notes (either in part or in full), the animals room numbers, grant information, veterinary care programs, and the like. A Column E explanation must be written so as to be understood by lay person as well as scientists.

1. Registration Number: **51-F-0001**
2. Number of animals used in this study: **2**
3. Species of animals used in this study: **pigs (*Sus scrofa domestica*)**
4. Explain the procedure producing pain and/or distress. Explanations should include a brief description of the procedure, but also explain what the animal's experience, examples of which may include, but are not limited to: Neurological signs, seizures, tremors, paralysis, lethargy, inappetance, respiratory signs, GI distress, vomiting, and diarrhea.

**Pigs undergo surgery and recovery procedures which include a near-complete amputation of a hindlimb including transection and anastomosis of femoral vessels and transection and coaptation of the sciatic and femoral nerves. Distress may occur from the presence of a nonfunctional limb.**

5. Attach or include with the reason(s) for why anesthetics, analgesics and tranquilizers could not be used (For federally mandated testing, see Item 6 below).

**Pigs received perioperative care to include anesthesia and analgesia.**

6. What, if any federal regulation require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g. APHIS, 9 CFR 113.102): If the requirement is per a guidance document, such as an Agency notice or harmonization guideline, please provide specific sufficient information to identify the cited document.

Agency: **None**

CFR: **None**