

University of Pennsylvania APHIS Registration Number 23-R-0023

## USDA Category E Protocols

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Three hundred and seventy-three (373) young male piglets in the swine teaching herd, age 7-10 days, had open castration method performed. The stated objective of the (b) (7)(F) is to provide the opportunity of veterinary students to experience and learn modern standards of commercial swine production and management. Castrations are normally performed without analgesics or anesthesia; however the procedure as being taught included a topically applied analgesic. The analgesic has been shown to partially mitigate the pain and it improves the post-procedure suckling and social cohesion. Literature search on the subject also has shown piglet return to normal behavior within hours after the procedure. The procedure was reviewed and approved by the IACUC.