

## 2020 Exception Summary

Re: Annual Report of Research Facility

Registration #41-R-0088

Customer #335601

Use of gestation crates for 42 days post-surgical implantation

The rationale for this exception is as follows:

1. Cloned embryos are more fragile than naturally bred embryos and, therefore, the surgically transferred gilt needs an isolated environment to prevent stress from naturally bred gilts/sows
2. Likewise, these crates provide intentional limitation of activity post-surgery which protects both the gilt/sow and the implanted embryos.
3. Gestation crates allow for administration of analgesics, antibiotics, or other treatments without movement and stress to the animal.
4. The implantation time of cloned embryos is suspected to be delayed relative to naturally bred embryos and, therefore, minimal movement and stress is desirable.
5. Gilts/sows with surgically transplanted embryos require frequent pregnancy checks and gestation crates reduce movement and stress to the animal to perform these checks.
6. Gestation crates prevent other animals from gaining access to the surgical site.
7. Lastly, gestation crates allow for daily inspection and monitoring of animals post surgically.

This exception applies to the 8 research pigs reported in column D in the Annual report.

(b) (6) the attending veterinarian for this research facility has appropriate authority to ensure adequate veterinary care and oversight of all aspects of animal care and use.