

NOV 19 2016

Exception/Exemptions

2016 Fiscal Year

Species: Bovine

Studies:

Studies:

Animal Number:

Max Duration:

- | | | |
|---------------------------|---|---------|
| • EZN009-IS21 (Stanchion) | 3 | 30 days |
| • WCD006-IS38 (Stanchion) | 2 | 6 days |
| • UYM006-IS65 (Stanchion) | 4 | 28 Days |

Exemption: housing space requirements

Animals were housed in a stanchion to restrict movement following the surgical implant procedure up to 30 days. All studies required permanently affixed mechanical wiring or tubing which was then attached to an external computer or infusion/evacuation system. In each instance it would be detrimental to animal health and study endpoints for the wiring to become dislodged or removed, in which case would require euthanasia of the animal without meeting study endpoints.

The animals were free to stand and lay down but were unable to rotate. In instances of extended stanchion housing (>7 days), the animals were brushed/massaged daily to improve circulation, monitor, and provide enrichment. Animals were also offered hay *ad libitum* for enrichment and feed.