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| 1. **Semiannual Facility Inspection Checklist**   **Special Facilities: Aseptic Surgery** | | | | | | | |
|  | | | | | | |
| **Date:** | | | | | | |
| **Location:** | | | | | | |
|  | | **A\*** | **M** | **S** | **C** | **NA** |
| * **General Considerations:** | | | | | | |
| * + location minimizes traffic/contamination (*Guide*, [p 144](http://www.nap.edu/openbook.php?record_id=12910&page=144)) | |  |  |  |  |  |
| * + functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) (*Guide*, [p 144](http://www.nap.edu/openbook.php?record_id=12910&page=144)) | |  |  |  |  |  |
| * + appropriate drug storage, control, expiration date monitoring (*Guide*, [pp 115](http://www.nap.edu/openbook.php?record_id=12910&page=115), [122](http://www.nap.edu/openbook.php?record_id=12910&page=122)) | |  |  |  |  |  |
| * + safe sharps disposal system (*Guide*, [p 74](http://www.nap.edu/openbook.php?record_id=12910&page=74)) | |  |  |  |  |  |
| * + adequate records of anesthesia and perioperative care (*Guide*, [p 122](http://www.nap.edu/openbook.php?record_id=12910&page=122)) | |  |  |  |  |  |
| * + aseptic procedures in use for all survival surgery (*Guide*, [pp 118-119](http://www.nap.edu/openbook.php?record_id=12910&page=118)) | |  |  |  |  |  |
| * **Operating Room:** | | | | | | |
| * + effective contamination control procedures (*Guide*, [p 144](http://www.nap.edu/openbook.php?record_id=12910&page=144)) | |  |  |  |  |  |
| * + effective cleaning procedures/dedicated tools (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + interior surfaces smooth and impervious to moisture (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + HVAC system meets *Guide* requirements (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + lighting safe and appropriate (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + outlets safe and appropriate (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + scavenging of anesthetic gases implemented (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * **Surgical Support:** | | | | | | |
| * + facility for washing, sterilizing, storing instruments and supplies (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + autoclave monitoring procedures are implemented (*Guide*, [pp 119](http://www.nap.edu/openbook.php?record_id=12910&page=119), [145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + storage of autoclaved materials maintains sterility (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + cold sterilization procedures are appropriate (*Guide*, [p 119](http://www.nap.edu/openbook.php?record_id=12910&page=119)) | |  |  |  |  |  |
| * **Animal Preparation:** contains large sink to facilitate cleaning of animal and operative site (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * **Surgeon Scrub:** outside operating room, non-hand-operated sink (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * **Postoperative Recovery:** allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * **Dressing Area:** place for personnel to change (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| \* | **A** = acceptable | | | | | |
|  | **M** = minor deficiency | | | | | |
|  | **S** = significant deficiency (is or may be a threat to animal health or safety) | | | | | |
|  | **C** = change in program (PHS Policy [IV.A.1.a.-i.](http://grants.nih.gov/grants/olaw/references/phspol.htm#AnimalWelfareAssurance)) (include in semiannual report to IO and in annual report to OLAW) | | | | | |
|  | **NA** = not applicable | | | | | |
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| **NOTES:** | | | | | | |

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| **Special Facilities: Procedure Areas, Non-survival Surgeries, Laboratories, Rodent Surgeries,**  **Imaging, Whole Body Irradiation, Hazardous Agent Containment, Behavioral Studies** | | | | | | |
| **Date:** | | | | | | |
| **Location:** | | | | | | |
|  | | **A\*** | **M** | **S** | **C** | **NA** |
| * **General Considerations:** | | | | | | |
| * + labs used to house animals only when scientifically required and limited to minimum period necessary (*Guide*, [p 134](http://www.nap.edu/openbook.php?record_id=12910&page=134)) | |  |  |  |  |  |
| * + drug storage, control, and expiration dates (*Guide*, [pp 115](http://www.nap.edu/openbook.php?record_id=12910&page=115), [122](http://www.nap.edu/openbook.php?record_id=12910&page=122)) | |  |  |  |  |  |
| * + sharps disposal (*Guide*, [p 74](http://www.nap.edu/openbook.php?record_id=12910&page=74)) | |  |  |  |  |  |
| * + anesthetic monitoring (*Guide*, [p 120](http://www.nap.edu/openbook.php?record_id=12910&page=120)) | |  |  |  |  |  |
| * + scavenging of anesthetic gases (*Guide*, [p 21](http://www.nap.edu/openbook.php?record_id=12910&page=21)) | |  |  |  |  |  |
| * + safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place (*Guide*, [p 19](http://www.nap.edu/openbook.php?record_id=12910&page=19)) | |  |  |  |  |  |
| * + carcass disposal (*Guide*, [pp 73-74](http://www.nap.edu/openbook.php?record_id=12910&page=73)) | |  |  |  |  |  |
| * **Additional Concerns for Survival Surgery:** (rodent and minor procedures only) | | | | | | |
| * + rodent survival surgery clean and uncluttered, not used for anything else during surgery (*Guide*, [p 144](http://www.nap.edu/openbook.php?record_id=12910&page=144)) | |  |  |  |  |  |
| * + records of peri-operative care (*Guide*, [p 120](http://www.nap.edu/openbook.php?record_id=12910&page=120)) | |  |  |  |  |  |
| * + aseptic procedures (*Guide*, [pp 118-119](http://www.nap.edu/openbook.php?record_id=12910&page=118)) | |  |  |  |  |  |
| * + autoclave monitoring procedures (*Guide*, [pp 119](http://www.nap.edu/openbook.php?record_id=12910&page=119), [145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + storage of autoclaved materials (*Guide*, [p 145](http://www.nap.edu/openbook.php?record_id=12910&page=145)) | |  |  |  |  |  |
| * + cold sterilization procedures are appropriate (*Guide*, [p 119](http://www.nap.edu/openbook.php?record_id=12910&page=119)) | |  |  |  |  |  |
| * **Imaging/Whole Body Irradiation: New** | | | | | | |
| * + location of resource limits contamination risk (*Guide*, [p 147](http://www.nap.edu/openbook.php?record_id=12910&page=147)) | |  |  |  |  |  |
| * + appropriate transportation methods are in place (*Guide*, [p 147](http://www.nap.edu/openbook.php?record_id=12910&page=147)) | |  |  |  |  |  |
| * + gas anesthesia provision, scavenging and monitoring are appropriate (*Guide*, [p 147](http://www.nap.edu/openbook.php?record_id=12910&page=147)) | |  |  |  |  |  |
| * + appropriate sensors and ventilation are provided for cryogen gases (*Guide*, [p 147](http://www.nap.edu/openbook.php?record_id=12910&page=147)) [must] | |  |  |  |  |  |
| * + imaging console is located away from radiation source (*Guide*, [p 147](http://www.nap.edu/openbook.php?record_id=12910&page=147)) | |  |  |  |  |  |
| * **Hazardous Agent Containment: New** | | | | | | |
| * + facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures (*Guide*, [p 148](http://www.nap.edu/openbook.php?record_id=12910&page=148)) [must] | |  |  |  |  |  |
| * **Behavioral Studies: New** | | | | | | |
| * + facility minimizes airborne transmission of noise and ground-borne transmission of vibration (*Guide*, [p 149](http://www.nap.edu/openbook.php?record_id=12910&page=149)) | |  |  |  |  |  |
| * + floor coverings reduce sound transmission (*Guide*, [p 149](http://www.nap.edu/openbook.php?record_id=12910&page=149)) | |  |  |  |  |  |
| * + testing equipment allows for surface disinfection (*Guide*, [p 150](http://www.nap.edu/openbook.php?record_id=12910&page=150)) | |  |  |  |  |  |
| * + components that cannot be cleaned are not in ready contact with animals and kept covered when not in use (*Guide*, [p 150](http://www.nap.edu/openbook.php?record_id=12910&page=150)) | |  |  |  |  |  |
| * + housing areas are contiguous with testing areas when appropriate (*Guide*, [p 150](http://www.nap.edu/openbook.php?record_id=12910&page=150)) | |  |  |  |  |  |
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