# Self-evaluation form for assessment of surgical skills

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| **Name:** | **E-mail address:** | **Date:** |
| **Qualifications/training – check relevant box(es) and fill out additional information:**  Medical Doctor or Doctor of Veterinary Medicine with previous surgical experience  Attended course in experimental surgery including aseptic technique – *Please provide details about the course(s) you have attended:*  Previous surgical experience – *Please provide details about*   * *which surgical procedures you have experience with* * *where you have performed surgery* * *when you have performed surgery*   None of the above | | |
| **Surgical procedure(s) you are planning to perform:** | | |

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| **Required skill** | **Assessment of skill** | | |
| Unable to do | Can do, but need to practice | Confident |
| **Pre-operative procedures** |  |  |  |
| Preparation of the work surface/surgery area (tidy and clean) |  |  |  |
| Preparation of material (cleaning and sterilization of instruments and material) |  |  |  |
| Check that the animal is fit for surgery |  |  |  |
| Induction of anesthesia |  |  |  |
| Application of eye lubricant |  |  |  |
| Provision of heat source |  |  |  |
| Provision of bodywarm saline bolus |  |  |  |
| Preparation of the surgical field (shaving, washing, disinfection and use of surgical drape) |  |  |  |
| Ensure sufficient oxygen supply |  |  |  |
| Administration of analgesia (local and systemic) |  |  |  |
| Preparation of surgeon (surgical hand wash and disinfection, clean clothes or gown, hair cover, face mask and sterile gloves) |  |  |  |
| **Operative procedures** |  |  |  |
| Maintenance of anesthesia (test of depth of anesthesia prior to incision and during surgery, dose adjustment, re-dosing and monitor animal’s vital signs) |  |  |  |
| Monitor for reaction to noxious stimuli and react if observed (stop procedure until additional anesthetic is administered and withdrawal reflex elicits no response) |  |  |  |
| Correct use of surgical instruments |  |  |  |
| Tissue handling |  |  |  |
| Use of aseptic technique |  |  |  |
| Tissue hydration during surgery |  |  |  |
| Suture technique and material |  |  |  |
| Competent to perform the specific procedures |  |  |  |
| **Post-operative procedures** |  |  |  |
| Monitoring of the animal until fully recovered |  |  |  |
| Supportive care (soaked food, food in cage bottom, extra nutrition etc.) |  |  |  |
| Plan for post-operative monitoring (Observe for signs of distress and pain and pay attention to surgical site) |  |  |  |
| Recognize sign(s) of pain and react if present |  |  |  |
| Plan for administering post-operative analgesics |  |  |  |
| Plan for removal of suture/surgical clips |  |  |  |

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| **Perioperative conditions** | **No** | **Yes** |
| Appropriate design of the surgical room |  |  |
| Preparation of clean heated cage for recovery |  |  |
| Place “Newly Operated Animal” label on cage |  |  |
| Place “Pain Treatment” card on cage |  |  |

**Overall evaluation:**