



ACADEMY OF SURGICAL RESEARCH

Application for Surgical Research Anesthetist (SRA) Certification

| | |
|-------------------------------|------------|
| Name | |
| Home Address 1 | Home Phone |
| Home Address 2 | Home Fax |
| City, State, Postal Code | Home Email |
| Employer Name | |
| Title/Position | |
| Work Address 1 | Work Phone |
| Work Address 2 | Work Fax |
| Work City, State, Postal Code | Work Email |

| | |
|---|---------|
| Education | |
| High School | College |
| Other Certifications/Accreditations (LVT, LATg, etc) Include copy with application: | |

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|--|
| Certification of Anesthesia Competence |
| To be completed by a person with a doctoral degree in medicine, dentistry, or veterinary medicine or Surgical Research Specialist who has assessed the ability of the candidate in the operating room. |
| <input type="checkbox"/> M.D. <input type="checkbox"/> D.D.S. <input type="checkbox"/> D.V.M. <input type="checkbox"/> S.R.S. <input type="checkbox"/> other _____ |

I certify that I have observed _____ perform survival surgery anesthesia in a reliable and reproducible manner.

| | |
|--------------------------|--------|
| Signature | Date |
| Title | Degree |
| Address 1 | Email |
| Address 2 | Phone |
| City, State, Postal Code | |

Date Application Received:

12/03/19

SRA Documents for Submission

Cover Page

Applicant's Name:

- 1. Cover Page (this sheet for Submission)**
- 2. Application for SRA Certification (Ensure signature for Certification of Anesthesia Competence)**
- 3. Resume/Curriculum Vitae**
- 4. Training Documentation**
- 5. Case Log**
 - a. Duration of Log (\geq of 1 year)**
 - i. Date of first case (\leq 3 years from application date):**
 - ii. Date of last case:**
 - iii. Time span covered (year/days):**
 - b. Total number of cases:**
 - c. Number of cases meeting SRA criteria (\geq 30):**
 - d. Species Included (\geq 2)**
 - i. Species #1:**
 - ii. Species #2:**
 - iii. Additional Species:**
 - e. Case Duration (\geq 72 hrs survival to count case)**
 - i. Shortest Case (hr/min):**
 - ii. Longest Case (hr/min):**
 - f. Narratives with Case Number from Log**
 - i. Narrative 1 Case #:**
 - ii. Narrative 2 Case #:**

Other Documentation to be Submitted:

☐ Anesthesia/Surgical Training Courses

Provide documentation for any anesthesia training you have received to prepare for the surgical procedures you have performed. Please provide any of the following information that applies to you.

- Detailed Description of Programs
- Description of “on the job “Training (length and nature of training)
- Listing of Self Study Material
- Syllabus of Seminars and Workshops or supporting documents for the classes (i.e. certificate or training records)

☐ **One (1) Anesthesia Case Log:** This log will record activity for **at least** 12 months but can go back **up to 3 years**. It must include the following: The applicant must be acting as the primary anesthetist (responsible for induction, intra-operative anesthesia, and anesthesia recovery) and not also acting as the surgeon, and must have a minimum level of monitoring to include heart rate, respiratory rate, and body temperature along with at least one of the following; blood pressure, SaO₂, ECG, expiratory CO₂, or inspiratory CO₂. Survival aseptic cases are defined as those where the animal survives for a minimum of 72 hours post recovery and the procedure is performed with standard aseptic techniques. The case log should be in the form of a chart documenting the information required and must be certified for accuracy with a signature and date by the supervising surgeon, the laboratory animal veterinarian, or a SRS certified technician.

Log must be in chronological order and includes at a minimum:

- ☐ Applicant Name
- ☐ Date of each case, cases span at least one year (12 months) between the first and last case, but no more than 3 years.
- ☐ ≥ 30 cases, ≥ 30 mins/case, as primary anesthetist from induction through recovery
- ☐ ≥ 2 species, no more than 15 per species when exactly 30 cases
- ☐ Animal description (species, strain, sex, age)
- ☐ Procedure performed
- ☐ Outcome, 72 hours of survival
- ☐ Reason for anesthesia
- ☐ Pre-anesthetics and anesthetics used
- ☐ Anesthesia equipment
- ☐ Parameters monitored
- ☐ Monitoring techniques - bpm, rpm, bt, SaO₂ or CO₂ (at least one of these)
- ☐ Method of pain assessment
- ☐ Summary of care
- ☐ Complications
- ☐ Outcome including applicable euthanasia date and methods
- ☐ One case/page
- ☐ Signed/reviewed by manager/supervisor

☐ **Narrative descriptions of two (2) specific anesthetic cases (one specific animal per case) that the applicant has performed and that are represented in the anesthesia case log**

This must appear in a narrative (paragraph) form and should be comprehensive and detailed. The list below is the minimum that must be submitted. The narrative should be in typed format and reviewed for spelling and accuracy.

Note: Someone should be able to replicate your procedure exactly based upon the information supplied! At a minimum the bullet items must be addressed. See examples in parenthesis. Please be as specific as possible in your description and provide in paragraph form.

- ☐ **Applicant Name:**
- ☐ **Date and Case Number:**
- ☐ **Reason for Anesthesia:**
 - Type of surgery (recovery, laparotomy)
 - Goal of the procedure (create an aortic aneurysm model to evaluate grafts)
- ☐ **Subject Information:**
 - Species (sheep)
- ☐ **Animal Selection:**
 - Pre-surgical check (general exam for normal behavior, condition of coat, eyes checked for discharge, Q-fever negative)
- ☐ **Drug Regime/Rationale:** drug names, purpose, dose, site/route, frequency
 - Anesthetic(s)
 - Analgesics(s)
 - Anticholinergic(s)
 - Others (anticoagulants, antibiotics)
- ☐ **Animal Preparation:**
 - Fasting, shaving, positioning, surgical site prep, drape
 - Fluid administration with type, purpose, dose, and route
- ☐ **Intra-operative Monitoring and Pain Assessment:**
 - Parameters checked, frequency (blood pressure, ECG, temperature, anesthetic depth)
 - Description of animal's condition during procedure
 - Equipment/methods used (manufacturer, model)
 - Adjustments made with reason and result
 - Emergency interventions available if needed
 - Duration of anesthesia provided
- ☐ **Anticipated Complications:**
 - Anticipated complications and how they would be addressed
 - Complications that were experienced and how they were addressed

Additional Information

Certification Process:

1. Before submitting payment, review the complete application package for the certification level you wish to complete
2. Ensure you will be able to meet all of the specific requirements listed in the application package
3. Plan ahead! Completing all the requirements listed for SRA, SRT and SRS typically takes 1 year
4. Successful completion of each certification level involves two components
 1. A complete application package is received, reviewed by our committee and deemed acceptable (ie. meets the requirements listed)
 2. The candidate sits and passes the certification exam
5. The ASR Certifications Committee will only review applications uploaded to the [ASR mydocs account](#) if payment has been received
6. Ensure your complete application package is uploaded no later than April 15th of the year you intend to write the exam
7. Applicants will receive notification the first week of July confirming acceptance to take the exam, or, a request for additional information. If more information is required, you will be contacted within 1 – 2 weeks. After this is provided, you will either be accepted or rejected to sit the exam
8. If the reason for rejection is “insufficient cases”, you will be given the opportunity to defer to the following year.
9. Start studying as soon as possible! A list of references can be found [Resources Section](#)

Holding Multiple Certifications:

The SRA certification may be held in conjunction with either the **SRT** or **SRS** certification. However, the **SRS** and **SRT** certifications cannot be held simultaneously since the SRS certification builds on knowledge required for the SRT level, and therefore supersedes it. It is not necessary to obtain the SRT certificate prior to sitting for the SRS exam.

Certification Resubmission & Exam Retake Information:

Members that have failed, missed, or have been excused from sitting for their exam may reapply or retake their Certification exam and remain in good standing (if applicable) by the following procedures detailed below.

(1) Failed Exam:

- First Year Post
 - (1) Re-Submit a new application with original logs and narratives
 - (2) No fee to take the exam
 - (3) Submit failed letter from ASR
- There will be no additional attempts, submit as a new candidate

(2) Failure to Attend Exam:

*30 day grace period post test date to contact the testing committee with an explanation

- First Year Post (if excused)
 - (1) Re-Submit original application
 - (2) No fee to take the exam
 - (3) Submit excused letter from ASR Certification Committee
- There will be no additional attempts, submit as a new candidate

(3) Excused — Maternity, Military or other personal reasons:

- General Procedures
 - (1) All excused leaves must be submitted in writing to the ASR Certification Committee
- First Year Post
 - (1) Re-submit original application and excused letter
 - (2) No fee to take the exam
 - (3) Updated six-month case log
 - (4) One updated narrative
- Second Year Post
 - (1) Re-submit original application and excused letter
 - (2) \$100.00 testing fee
 - (3) Updated two-year case log
 - (4) Two updated narratives
- There will be no additional attempts, submit as a new candidate