

ANESTHESIOLOGY RESIDENCY Supplement

I. Introduction

A. The anesthesiology residency program of the VMRCVM is designed to enable residents to:

- 1) Gain proficiency in the art and science of veterinary anesthesiology,
- 2) Fulfill application requirements for the written and oral Board Certification Examinations of the American College of Veterinary Anesthesiologists, and
- 3) Fulfill requirements for a Master of Science degree.

B. Implementation of the anesthesiology residency program is the direct responsibility of the faculty in the Anesthesia Section and, to a lesser degree, all faculty in the VMRCVM.

II. Objectives

As per Departmental Program.

III. Prerequisites

As per Departmental Program. Candidates should aim to pursue diplomate status in the ACVAA.

IV. Resident Advisor

A. A Resident Advisor will be appointed by the Department Head and will be responsible for insuring that the ACVAA Residency Program Guidelines are met.

B. The Resident Advisor will direct the resident in scheduling clinical duties and teaching assignments; choosing a Graduate Advisor; preparing manuscripts for publication; and preparing for board certification examinations. Additional responsibilities include assessing the resident's performance in the activities described herein and providing general mentoring and counselling where needed.

C. The Resident Advisor will work closely with the Graduate Advisor (Major Professor) in order to coordinate the resident's clinical and graduate program responsibilities.

V. Graduate Advisor

A. A Graduate Advisor (Major Professor) will be identified by the end of the first Fall semester. It is preferable that the graduate advisor not be the same individual as the resident advisor although exceptions are possible.

B. The Graduate Advisor will be responsible for insuring that the Graduate Program Guidelines for the Master of Science degree are met. The Graduate Advisor will direct the resident in selecting a Graduate Committee, formulating a Graduate Plan of Study, submitting a proposal for funding the Master's thesis research, preparing manuscripts for publication, and completing the Master's thesis. Additional responsibilities include assessing the resident's performance in the activities described herein, and providing general mentoring and counseling.

VI. Resident/Intern Committee

As Departmental Program

VII. Residency Program

A. Clinical Program

1. The resident will spend approximately 43 weeks per year in the clinic, with an average of 9 weeks per year off-clinic time. The exact distribution of on-clinic and off-clinic time per year will vary depending on the resident's needs concerning the Graduate Program as well as other factors. Alteration of the schedule will be at the discretion of the Resident Advisor and Graduate Advisor.

2. Of the 9 weeks per year of off-clinic time, reading, research activities, library work, seminar preparation, didactic teaching, publication activities, credentials and board examination preparation, etc. will make up 7 of the 9 weeks. Up to 2 weeks personal leave will make up the remainder of the off-clinic time. The amount of time spent in each activity during off-clinic time will vary from year to year depending on the resident's Graduate Program and other commitments.

3. Rotations through supporting disciplines at the VTH and/or off site will be encouraged.

4. Residents will participate on the Anesthesia Service emergency duty at the discretion of the Resident Advisor.

5. Beginning either July 1 or January 1 of the third year of the program (at the discretion of clinical faculty), the resident may be granted Chief Resident status. Chief Resident status means that the resident may function as a senior clinician with mandatory case supervision not being required, but consultation with the faculty anesthesiologist is available and encouraged, whenever necessary.

6. The resident, in conjunction with the Resident Advisor and Graduate Advisor, will submit to the Anesthesiology Clerkship Leader a schedule of each following year by June 1 of the current year.

7. Appropriate professional appearance is mandatory.

8. A professional attitude towards students, staff, and faculty is expected at all times.

B. Teaching

1. As Departmental Program

2. Anesthesiology residents are expected to contribute to the teaching of year four students in the Anesthesiology Clerkship through interaction in rounds, and case management. Student rounds may be conducted by the resident at the discretion of the anesthesiologist on clinic duty.

3. Anesthesiology residents will participate in all anesthesia and surgery laboratory exercises for veterinary students at the discretion of the Resident Advisor.

4. The resident will attend and help conduct all College continuing education seminars/laboratory exercises presented by the Anesthesiology Section at the discretion of the Resident Advisor.

5. Preparation and delivery of didactic student lectures by anesthesiology residents will be at the discretion of the Residency Advisor and dependent on the interests of the candidate. Lectures will not exceed two didactic hours in the first year of the program, three hours in the second year of the program, and four hours in the third year of the program.

C. Research and Scholarly Activities

1. Seminar program: as Departmental Program

2. Six or more weeks per year are allocated for resident research/scholarly activity, under the direction of the Resident Advisor and Graduate Advisor. The resident will work with the Section Chief to schedule these off-clinic blocks in advance.

3. The Resident Advisor will be responsible for advising the resident in design and completion of a case report/series or retrospective study. Results will be presented at the first year's departmental seminar program.

4. The Graduate Advisor will be chosen by the end of the first fall semester. The Graduate Advisor will help the resident assemble a Graduate Advisory Committee. These advisors will supervise the resident in designing a prospective study for the Master's thesis and submitting a proposal to a funding agency during the spring semester of the first year.

5. Attendance at regional and national meetings will be encouraged, as clinical responsibilities and funding availability permit.

VIII. Graduate Program

1. As per Departmental Graduate Program

2. The Resident Advisor will supervise selection and registration for graduate courses in Fall and Spring semesters of the first year (eg., Seminar, Journal Club, Book Chapter rounds).

3. A Graduate Advisor will be chosen by the end of the first Fall Semester, The Graduate Advisor will then assume responsibilities for directing the resident's Graduate Program. A written plan of study for coursework in the remaining 3 years. This plan will be submitted to the Graduate School for approval by the end of the first Spring Semester.

4. By June 30 of the first year of the program, a research project proposal must be written and submitted to a funding resource. If funded, this project will become the basis for the Graduate Degree Thesis requirement of the Graduate Program. If not immediately funded, the project must be redesigned under the guidance of the Resident's Graduate Committee and be resubmitted.

5. The research project for fulfilling the Graduate Degree Thesis requirement of the Graduate Program will be performed in the second year of the program during off-clinic time. The exact timing of the project will be contingent upon the timing of research funding and other factors related to the scope and design of the project. Writing of the Master's thesis and thesis defense will be done primarily in the third year of the program.

6. The resident must complete the Resident Research and Graduate Thesis and defend the thesis prior to completion of the Residency. A manuscript resulting from the Resident's Research and Graduate Thesis must be completed and submitted to a refereed journal prior to completion of the residency program. Failure to do any of the above will result in the resident not receiving a Residency Certificate from the Virginia-Maryland Regional College of Veterinary Medicine, thereby preventing the resident from taking the ACVA certification examination.

IX. American College of Veterinary Anesthesia and Analgesia Board Examination Eligibility

A. As per ACVAA Residency Program guidelines

B. A case log, as described by the ACVAA Residency Program Guidelines, will be maintained by the resident and reviewed/signed by the Residency Advisor semiannually.

X. Certificate of Residency

A Certificate of Residency will be issued when the above program has been completed as described. Completion of the Master of Science degree is pre-requisite to the successful completion of the Residency Program and receipt of a Certificate of Residency.