

# American College of Veterinary Sports Medicine and Rehabilitation



American College of  
Veterinary Sports Medicine  
and Rehabilitation

## Residency Program Guidelines (Traditional and Alternative) July 1, 2017

## **AMERICAN COLLEGE OF VETERINARY SPORTS MEDICINE AND REHABILITATION**

### **RESIDENCY TRAINING PROGRAM GUIDELINES**

#### **1. INTRODUCTION**

##### **Definition of Veterinary Sports Medicine and Rehabilitation**

Sports medicine is defined as the investigation, preservation, and restoration of animal body systems that are affected by athletic, service, work or recreational activity through medicine, surgery, and rehabilitation. Veterinary rehabilitation is designed to facilitate the process of recovery from injury, illness or disease to as normal a condition as possible by reducing pain and restoring function.

Sports medicine and rehabilitation specialists are expected to be proficient in the following areas:

- a. Conditioning, training, and fitness as they relate to athletic performance.
- b. Athletic performance and the impact of nutrition, nutraceuticals, and pharmaceuticals on athletes' short- and long-term health and performance.
- c. Coordination of a team approach to veterinary medical care and rehabilitation of injured animal athletes involving board-certified veterinarians in other specialty areas (e.g. surgery, internal medicine, imaging, and critical care), allied health care professionals (e.g. physical therapists, farriers), owners, and trainers.
- d. Evaluation, diagnosis, management, and rehabilitation of sports medicine-related illnesses and injuries with detailed knowledge of sports-specific injuries and medical problems.
- e. The principles of functional anatomy, biomechanics, exercise physiology and pathology; and the mechanisms of tissue adaptation, aging, injury, healing, and repair.
- f. Integrative treatment options and pain management as they relate to rehabilitation of sports-specific injuries and performance.
- g. Principles and techniques of rehabilitation (e.g. physical medicine, therapeutic exercise, physiotherapeutic modalities) that return an animal to optimal function as quickly and safely as possible, including the geriatric patient.
- h. Knowledge of athletic equipment, assistive devices, orthotics and prosthetics in prevention and management of athletic injuries and disabilities.

A residency training program in sports medicine and rehabilitation is the joint responsibility of the American College of Veterinary Sports Medicine and Rehabilitation (the College) and an active diplomate acting as a representative of the College and as a resident program director for the resident. A residency training program also requires the support of other board-certified specialists that act as mentors and who participate in training the resident. A residency training program is an intense, intimate partnership in learning that can only be accomplished with frequent and regular interactions and communication between a resident program director and his or her resident.

In addition to completing the core curriculum and other residency training program requirements listed within this document, it is the responsibility of the resident, under the guidance of the active diplomate resident program director, to achieve the following goals:

- a. Develop a high level of clinical skills and expertise in the field of veterinary sports medicine and rehabilitation.
- b. Develop a critical understanding and working knowledge of the current veterinary and human literature related to sports medicine and rehabilitation and proficiency in literature review and the synthesis and clinical application of new information.
- c. Develop critical thought processes and the use of a problem-based approach to patient care.
- d. Demonstrate an ability to teach, communicate and effectively present information.

- e. Demonstrate exceptional ethical standards and the ability to act as a professional role model.

Working to achieve these goals supports the spirit of the residency standards and the excellence that is expected of a residency training program.

Applicants will pursue board certification in either canine or equine practice. It is the goal of the College to assure a well-rounded experience for the resident. As the American College of Veterinary Sports Medicine and Rehabilitation represents two different but highly interrelated areas of expertise, each resident will be required to have sufficient clinical exposure to both the sports medicine and rehabilitation aspects of practice. To accomplish this, residents will be encouraged to log time in both canine and equine practices managing both sports medicine and rehabilitation cases. In addition, all residents will be encouraged to log time in human physical therapy practice or with a licensed physical therapist certified in animal rehabilitation.

Residents wishing to pursue board certification in both canine and equine practice should contact the chairperson of the Credentials and Residency Committee to discuss dual-residency training program options and feasibility.

There is no guarantee, expressed or implied, that a resident having completed the minimum requirements listed in this document will have completed both the letter and the spirit of their residency training program. Nor is there a guarantee, expressed or implied, that the residents will be able to pass the board-certification examinations. It is the responsibility of the resident, under the guidance of their resident program director, to recognize their strengths and weaknesses and to expand upon the core curriculum to attain the knowledge, experience, and skills needed to qualify as a Diplomate of the American College of Veterinary Sports Medicine and Rehabilitation.

## **2. RESIDENCY TRAINING PROGRAM**

Residency training programs are the foundation for training of future diplomates in the American College of Veterinary Sports Medicine and Rehabilitation. The components of a residency training program include the following:

- a. Resident (Traditional or Alternative Track)
- b. Resident Program Director
- c. Mentor
- d. Residency Facility
- e. A residency training program that conforms to the requirements listed in this document.
- f. Residency Administrator (applicable only to programs that apply for pre-approval of a traditional residency training program).

The resident program director is defined as an active diplomate of the College that is in good standing, to be responsible for oversight of the residency training program. The residency training program includes the minimum training requirements established by the College in this document and any additional requirements that the resident program director and residency facility may judge to be relevant to include in a specific residency training program.

A mentor is defined as a board-certified diplomate in a specialty recognized by the American Board of Veterinary Specialties (ABVS), the European Board of Veterinary Specialization (EBVS) or the Australian and New Zealand College of Veterinary Scientists (ANZCVS) and designated by the College for training residents in clinical rotations within their specialty. The resident and mentor must work together in managing clinical cases where the mentor is providing frequent consultation and in-depth case review of those clinical cases.

A residency administrator is only required for training programs that apply for pre-approval of a residency training program. The residency administrator is defined as the person responsible for submitting the application for pre-approval of the training program and is the primary contact between the College and pre-approved residency training program. The residency administrator

can also be, but is not required to be, a program director. While a program director can only oversee 3 residents at one time, the residency administrator can liaise between the College and all of the residents enrolled in that particular pre-approved residency training program, even if that number exceeds 3.

The standards contained in this document are the minimum requirements for facilities, resident program director, mentors, residents and the educational and experience components of the residency training program. However, a residency training program is more than simply logging the requirements that are the letter of this document. It also embodies the spirit within these standards, which is to train highly capable residents rather than just minimally qualified residents. The College expects residency training programs to become cohesive, integrated, stable, ongoing, institutionalized programs that demonstrate the ability to exemplify standards of the American College of Veterinary Sports Medicine and Rehabilitation.

This residency is designed to fulfill the requirements of the American College of Sports Medicine and Rehabilitation and as such concurrent residencies in other specialty colleges are not allowed. Furthermore, the requirements of this residency cannot be fulfilled by counting specific areas that were obtained in a previous specialty college residency. The only item that is useable from a previous residency or other experiences is the peer reviewed manuscript if it is directly related to sports medicine or rehabilitation and was accepted within 5 years of credential submission.

Residency training programs must be completed before August 1 of the year that the final credentials are submitted. All resident programs must complete the required 156 weeks of resident training. All training must be completed within 6 years of the start date of the residency program.

For a Traditional residency program, the resident receives the majority of training at one practice/institution which meets all requirements for training, supervision, didactic education, and clinical experience. Specialty service rotations and special rotations may be completed at a secondary practice/institution as approved by resident program director. A Traditional residency program is designed to be completed in 156 consecutive weeks.

An Alternative residency program must meet the same criteria but may be done over a longer time period than the typical Traditional residency program's consecutive 156 weeks. This alternative track allows a significant degree of flexibility for a candidate to satisfy all training requirements within 6 years of the start date of the residency program. For example, an alternative training program could be an individual that functions as a resident working part-time within a practice/institution under ACVSMR diplomate supervision. All residency requirements must still be completed within 6 years. The time away from the practice/institution where the part-time residency training program is being done could be spent practicing as a veterinarian in that practice/institution or another practice/institution. This scenario would also apply to residents (Traditional or Alternative) that take leave of absence for medical or family reasons.

All Alternative and Traditional track ACVSMR residency training programs must be agreed upon by the individual and the program director and accepted by the Credentials and Residency Committee. The exception to this is ACVSMR residents that apply directly to a pre-approved residency training program, in which case the program has already been accepted by the Credentials and Residency Committee. Successful completion of an ACVSMR residency training program, whether pre-approved or otherwise, does not guarantee passage of the ACVSMR Board Certification Examination and/or achievement of ACVSMR Diplomate status.

### **Changes to Residency Training Program**

The resident program director is responsible for immediately reporting any major change in the residency training program to the Credentials and Residency Committee. This includes:

- Loss or change of a resident program director
- Termination of a resident

- Any major interruption to the ongoing progress or advancement of a resident within the residency training program

The residency training program may be placed on probationary status, if there is a change in the training program that may cause it to fall below the minimum established standards of the College, the ABVS, EBVS or ANZCVS, until the Credentials and Residency Committee can review any proposed remedies.

### 3. RESIDENCY TRAINING PROGRAM FACILITIES

Sports medicine and rehabilitation immersion time is supervised by active diplomates only and has the highest training requirements for resident participation. The spirit of this requirement is to train residents to the highest standard possible by providing a culture of specialist-level sports medicine and rehabilitation practice. This is to be provided by a residency primary facility through the sustained presence and significant influence of one or more active diplomates. All College diplomates who are involved in the training of residents at a residency facility are required to act as representatives of the College to ensure these standards are maintained.

A residency primary facility is expected to participate in the research mission of the College. This may include contributions to the sports medicine and rehabilitation literature, participation in multi-center clinical trials, or other educational projects as recommended or required by the institutional residency committee and the College.

#### **Facilities, Services and Equipment Required for a Veterinary Sports Medicine and Rehabilitation Residency Training Program**

- Medical library:** Access to appropriate textbooks and printed or electronic copies of current journals relating to veterinary sports medicine and rehabilitation and its supporting disciplines must be accessible.
- Medical records:** A complete medical record must be maintained for each individual clinical case and records must be retrievable.
- Imaging services:** Appropriate equipment for comprehensive diagnostic imaging and image processing must be available. At a minimum radiography and ultrasonography should be available on site with accessibility to advanced imaging techniques such as MRI, CT and Fluoroscopy.
- Surgical facilities:** Operating suite and associated anesthetic and critical care equipment, surgical instrumentation and sterilization equipment must be available.
- Rehabilitation facilities:** Appropriate rehabilitation and physical therapeutic equipment must be available for clinical use.
- Bio diagnostic services:** Access to diagnostic services such as, but not limited to, anatomic pathology, clinical pathology, microbiology, virology, immunology, parasitology and endocrinology must be available. Reports must be retained and retrievable.

#### **Changes to or Within the Residency Training Facility**

The resident program director is responsible for immediately reporting any major change in the training facility that may cause it to fall below the minimum standards. The Credentials and Residency Committee must be notified as soon as any potential changes are identified. The residency facility may be placed on probationary status, if there is a change in the facility that may cause it to fall below the minimum standards of the College, the ABVS or EBVS, until the changes and the Credentials and Residency Committee can review any proposed remedies.

### 4. RESIDENT PROGRAM DIRECTOR

The resident program director is defined as the College diplomate embedded in the residency training program. A resident program director must be an active diplomate specializing in the same species as the resident (i.e., canine or equine) and must be a member in good standing of the College for the duration of the resident's training. The resident program director has a fiduciary responsibility for representing the interests of the College within the residency training program.

The role of program director is a privilege granted by the College to all diplomates who meet the requirements established by the College and who maintain excellence in training residents.

The resident program director is responsible for oversight of all aspects of the residency training program, including design of the program and monitoring the resident's progress in the program. A resident program director must be available to the resident and must coordinate all clinical and educational aspects of the residency. The resident program director is responsible for ensuring that both the core curriculum (minimum requirements) and the high standards of the residency are accomplished. The resident program director is also responsible for reviewing sports medicine and rehabilitation immersion, experience, and skills logs and for reviewing and critiquing progress reports with the resident.

A residency program director can have a maximum of three residents at any one time. The resident program director must maintain a one-to-one relationship and responsibility for each resident. The limit of three residents per resident program director does not include candidates who have completed their residency training programs, but have not yet achieved diplomate status and continue working with a resident program director until the next examination.

The role of resident program director may be transferred to another active diplomate within the College. A **Change of Resident Program Director Form** must be submitted to the College within 30 days of the change.

A resident program director may be involved in the training of any number of residents at any time when acting in the role of mentor. The resident program director will be asked to sign an annual report detailing the satisfactory progress for each of their residents. When a resident applies to have their final credentials accepted and to sit for examination, the resident program director will be asked to attest that the resident has successfully completed both the letter and the spirit of the residency training program requirements. Residents are trained at will by the resident program director and nothing in these guidelines shall prevent a resident program director from terminating their supervision of a resident at any time.

The College and the Credentials and Residency Committee reserves the right to establish and monitor standards for a resident program director and to review and report their performance and success in training residents, to place them on probation, and to withdraw their privileges, if necessary. The College and the Credentials and Residency Committee reserve the right to withdraw resident program director privileges from any diplomate who, upon review and request for corrective action, continues to fail to meet these requirements.

## 5. MENTOR

A mentor must be a board-certified diplomate in a specialty recognized by the ABVS, EBVS or ANZCVS and may oversee only clinical rotations within their specialty. Resident training with a mentor that is board certified in two or more specialties are logged as a training week in only one of the specialties.

Acting as a mentor for a resident is a privilege granted by the College to Diplomates of the American College of Veterinary Sports Medicine and Rehabilitation and other specialties that meet the requirements of the residency training program guidelines and maintain the standards for training residents. A mentor must be legally authorized (e.g., veterinary medical license and other state or federal requirements) or locally authorized to practice within the residency facility where supervision takes place. A mentor must be approved by and remain in good standing with the College.

During the mentorship period, the resident and mentor work together in clinical practice in which the resident is on duty and managing clinical cases and the mentor is providing frequent consultation and in-depth case review of those clinical cases that can contribute to the progress of the resident's academic and clinical education. The resident must have a significant role in

clinical case management as either primary clinician or consultant. The resident must not be restricted to the role of an observer.

A mentor need not personally examine each patient seen by the resident, but must provide frequent consultation and in-depth case review of those clinical cases that contribute to the progress of the resident's academic and clinical education. A mentor may work with any number of residents as long as he or she does not dilute resident oversight and mentoring. It is up to the mentor to ensure that supervision is quality time for each individual resident in training.

For onsite Direct Supervised Diplomate ACVSMR sports medicine and rehabilitation weeks, the mentoring Diplomate must be at the same facility as the resident. It is expected that during the 40 or more hours of time logged by the resident as a training week the mentor is on site and immediately available to the resident for at least 20 hours of that time. For Indirectly Supervised Diplomate ACVSMR weeks, the mentoring Diplomate must be readily available for case discussion during the training week(s). The supervising mentor and the resident may not be on duty simultaneously and so might not be concurrently managing cases. To qualify as indirect supervision, the supervising Mentor is required to have contact with resident for at least one hour per training week. During periods of mentorship for which the resident is logging immersion time, they may also log experience requirements or skills requirements when appropriate.

Mentors train residents at will, and nothing in these guidelines shall prevent a mentor from terminating their training of a resident at any time. The College and the Credentials and Residency Committee reserves the right to establish and monitor standards for mentors and to review and report their performance and success in training, to place them on probation and to withdraw their privileges, if necessary. The College and the Credentials and Residency Committee reserves the right to withdraw mentor privileges from any diplomate who, upon review and request for corrective action, continues to fail to meet these requirements.

## 6. STEPS TO BECOMING AN ACTIVE DIPLOMATE

### Definitions

**Residency Applicant** – A veterinarian who is in the process of applying for a residency training program until the time he or she is accepted by an active diplomate resident program director and receives notification that the residency training program has been accepted by the Credentials and Residency Committee.

**Resident** – An applicant who has been accepted into a residency training program and has been registered with the Credentials and Residency Committee until the time at which he or she has completed all requirements of the residency training program and has received both a certificate of completion from the residency facility and a signed letter from their resident program director that they have completed all residency training program requirements.

**Candidate** – A resident who has had their credentials accepted for the board-certification examination, until they have passed the board-certification examination, and have been granted diplomate status by the Board of Directors.

**Diplomate** – An individual who has completed all requirements, has passed the examination, and has been granted diplomate status by the Board of Directors.

### Residency Applicant

A residency applicant must:

- a. Be a graduate of a college of veterinary medicine accredited or approved by the American Veterinary Medical Association (AVMA), or hold a certificate from the Educational Commission for Foreign Veterinary Graduates (ECFVG), or be licensed to practice in some State or Province of the United States, Canada, or other country.
- b. Complete a one-year rotating internship or equivalent practice experience.

- c. Be accepted by an active ACVSMR diplomate who will serve as a resident program director and will directly oversee their residency training program.
- d. Be legally able to practice at the residency facility (e.g., veterinary medical license and other state or federal requirements) and have a veterinary license in good standing with no past record of license revocation.
- e. Review the residency requirements and verify the ability to comply with these requirements.
- f. All residents begin their programs in **July** and must register by submitting a **Resident Registration Form** by **August 1<sup>st</sup>** of the year the residency training begins. Registration is done using the online system and the forms at the end of these guidelines.
- g. There are two ways to apply for an ACVSMR Residency:
  - (i) Traditional residency applicants can apply directly to a residency training program at a residency facility that has been pre-approved by the Credentialing and Residency Committee. Applicants defer to application guidelines and deadlines set forth by the specific residency training program.
  - (ii) All other resident applicants (Alternative or Traditional applicants not applying to a pre-approved program) must apply by **March 1<sup>st</sup>** for a start date in July each year using the online system and the forms at the end of these guidelines.

An applicant who cannot comply with all requirements must apply to the Credentials and Residency Committee for exception prior to beginning their residency training program. The Credentials and Residency Committee reserves the rights to review the registration materials, to ask for supporting documentation and to possibly withdraw approval of the residency if all requirements have not been met.

#### **Residency Application Deadlines**

- a. Traditional residency applicants that apply directly to a pre-approved traditional residency training program at a residency facility defer to application guidelines and deadlines set forth by the specific residency training program. Once the applicant has been accepted by the residency facility, the resident must register with the Credentials and Residency Committee by **August 1<sup>st</sup> (Resident Registration Form)**.
- b. Alternative residency applicants, or Traditional residency applicants not applying to a pre-approved program, must apply by **March 1<sup>st</sup>** for a start date in July each year using the online system and the forms at the end of these guidelines. Once a resident has received confirmation of acceptance, the resident must register the program by **August 1<sup>st</sup> (Resident Registration Form)**.

Within 60 days of the applicant's registration, the Credentials and Residency Committee will acknowledge the start of the residency training program, and will notify the Board of Directors of all newly registered residents.

If a resident program director anticipates that the new resident applicant cannot comply fully with the residency training program guidelines, they may apply to the Credentials and Residency Committee for an exception.

#### **Approval of Traditional Residency Training Programs**

A program, whether new or pre-established, interested in having a traditional residency program may apply to the Credentialing and Residency Committee for pre-approval. Deadline to submit the Traditional Residency Training Program Application will be **September 1<sup>st</sup>** every year prior to start of the residency training. I.E. If a program wishes to have a resident start in July 2021, the application for approval must be submitted by September 1, 2020. An application must be submitted every year prior to accepting a new resident(s) into the resident training program. In other words, programs are not automatically renewed. The Credentialing and Residency Committee will notify the program of the status of acceptance by October 1<sup>st</sup>. If a program is approved, applicants will apply directly to the program, per the guidelines and deadlines established by the program. Application criteria must, at minimum, meet the residency requirements outlined above (see Resident Applicant section). Once an applicant has been



accepted by the residency facility, the resident must register with the Credentials and Residency Committee by **August 1<sup>st</sup>** following the start of the residency (**Resident Registration Form**).

### **Resident**

A resident must be legally authorized (e.g., veterinary medical license and other state or federal requirements) or locally authorized (i.e., by the appropriate residency facility) to practice in the facility where resident training takes place. Residents are trained at will by resident mentors and nothing in these guidelines shall prevent a resident program director or mentor from terminating their training of a resident at any time. The College and the Credentials and Residency Committee reserves the right to withdraw resident privileges from any resident who, upon review and request for corrective action, continues to fail to meet these requirements.

### **Active Status**

A resident is considered to be active if he or she is making satisfactory progress toward the completion of the residency training program requirements. To remain active a resident must:

- a. Complete at least 26 training weeks per year (except in the final year when the resident may have fewer than 26 weeks to complete their requirements) and continue to log any outstanding experience or skills requirements until all training weeks and log requirements are completed. Note that the entire 156 weeks of training must be completed within a contiguous 6-year period. If this is not possible, the resident and their resident program director must request an extension from the Credentials and Residency Committee.
- b. Maintain the most current knowledge requirements.
- c. Maintain the most current experience and skills requirements and complete any incomplete requirements.
- d. Submit annual reports to the Credentials and Residency Committee.

### **Inactive Status**

A resident is considered to be inactive when, by choice or by action, he or she is not making satisfactory progress toward completion of the residency training program requirements. A resident may be placed on inactive status by action of the Credentials and Residency Committee upon determination that the resident is not continuing to make satisfactory progress toward completion of the residency training program or that the resident is failing to meet deadlines and other reporting requirements for their residency training program. A resident may also be placed on inactive status by applying to and receiving approval from the Credentials and Residency Committee.

The Credentials and Residency Committee must also approve the resident if they choose to restart their training program. To be reinstated to active status, residents must apply in writing to the Credentials and Residency Committee. The Credentials and Residency Committee will determine what requirements (e.g., skills, experience, etc.) must be fulfilled for reinstatement to active status, depending on the circumstances that caused the resident to be placed on inactive status. The amount of time a resident may be on inactive status is limited by the requirement that the residency must be completed within 6 years of the original program start date.

### **Term of the Residency Training Program**

The residency shall consist of a total of 156 weeks of training within a 6-year contiguous period. A resident must complete all training requirements and submit final credentials for the board-certification examination within five years of successfully completing their residency training program. At the end of that time, the resident must either start over (i.e., receive no credit for the previous residency training) or apply to the Credentials and Residency Committee for an extension of their program. Extensions may be granted at the discretion of the Credentials and Residency Committee. The *Ad hoc* Appeals Committee will review any appeals regarding disallowing extensions to a residency training program.

Applicants, residents, and candidates may not claim any affiliation with the College, in print or in any other format, until they have successfully met all requirements and are board certified by the College. They may only claim affiliation with their residency training facility (i.e. "resident in sports

medicine and rehabilitation at ABC institution,” or “residency training program completed at ABC institution”). The term “board eligible” is not to be used.

### **Training Week**

A training week is defined as a minimum of forty hours of logged immersion time that occurs in no less than four calendar days of one continuous seven-day period (i.e., a calendar week). The start day for a resident’s training week will remain the same day of the week as the first day of their residency.

### **Mentor-Resident Relationship**

The relationship between the resident and the program director/mentor is central to the academic mission of the ACVSMR residency program. The residency program should be a productive learning and work environment as free as possible from conflict of interest, exploitation, and favoritism. The supervisor-learner relationship represents a special circumstance, and maintaining and protecting the integrity of this relationship is of fundamental importance. Personal, non-academic, and/or non-professional relationships are strongly discouraged.

## **7. CORE CURRICULUM**

The core curriculum is the foundation of the training requirements that the College mandates for the residency training program. The core curriculum is established and revised from time to time by the Examination Committee. The core curriculum represents the *minimum* requirements to be achieved for each of the training components.

### **Knowledge Requirements**

Knowledge requirements include a list of required reference materials that comprise a body of information that the resident must learn with retention and comprehension. The Examination Committee establishes the required reading list annually.

All residents are accountable for having a working knowledge of the material within the most current reading list of required articles and references. Residency training facilities must provide, on site, the required reference materials specified by the Examination Committee. Residency training facilities are also required to provide computer access to common veterinary and human medical databases.

### **Immersion Requirements (156 weeks)**

The immersion requirement is one of time to be immersed in a clinical culture. Immersion is logged as blocks of training weeks under supervision by an active diplomate of the College, mentoring by a diplomate of another specialty, or independent study. All the requirements listed under this section must be recorded and submitted to the Credentials and Residency Committee. Activities related to all requirements must be logged by the resident in an electronic Master Log (available as a downloadable Excel spread sheet).

#### **A. Sports Medicine and Rehabilitation Immersion with College Supervision**

This requirement consists of **72 weeks** of immersion in sports medicine and rehabilitation practice that is supervised by an active ACVSMR diplomate and part of an approved residency program. For a minimum of 36 weeks, resident training by ACVSMR diplomate must be spent under direct ACVSMR diplomate supervision where the ACVSMR diplomate and resident are at the same facility and the supervising ACVSMR diplomate is onsite of a minimum of 20 hours per training week. The remaining 36 weeks of resident training may be completed under indirect ACVSMR diplomate supervision where the resident and ACVSMR diplomate are working at the same site and have direct contact for at least 1 hour per training week. The supervising ACVSMR diplomate should be readily available for case discussion during each training week.

#### **B. Immersion in Specialty Practice with Specialist Mentoring**

Mentoring for the specialty practice rotations must be done by a board-certified diplomate within a specialty designated by the College for training residents. Mentors must be board-certified

diplomates in a RVSO recognized by the ABVS, EBVS or ANZCVS and supervise residents only within their specialty.

This requirement consists of **20 weeks** of immersion in specialty veterinary practice within the following areas:

1. 6 weeks of Diagnostic Imaging
  - a. Must be acquired under direct supervision of an ACVR diplomate, ECVDI diplomate or ANZCVS Fellow. Immersion may also be acquired under direct supervision of an Associate Member ECVDI however, is limited to a maximum of 3 of 6 diagnostic imaging weeks.
  - b. This must be a well-rounded exposure to all facets of anatomical and physiological imaging.
2. 6 weeks of Surgery
  - a. All observation must be done under supervision of ACVS diplomate, ECVS diplomate or ANZCVS Fellow
3. 6 weeks of Internal Medicine
  - a. Must be done under supervision of ACVIM diplomate, ECVIM diplomate or ANZCVS Fellow
    - i. For canine, 3 weeks must be in Neurology
    - ii. For canine or equine, a maximum of 1 week of immersion in nutrition under the supervision of an ACVN diplomate is eligible as an Internal Medicine (not Neurology) training week.
4. 2 weeks Pain Management
  - a. With suggested exposure to both acute and chronic pain conditions, pharmaceutical and non-pharmaceutical approaches (e.g., acupuncture, cryotherapy, etc.), and multimodal pain management approaches. Pain management must be supervised by ACVAA diplomate, ECVAA diplomate or ANZCVS Fellow
  - b. A maximum of 1 week may be spent under the supervision of Boarded Human Pain Physician. To be eligible, resident must obtain approval by the Credentials and Residency Committee prior to the experience. Residents must submit the following in writing to the Committee the proposed experience, overseeing diplomate in Human Pain Management and the diplomate's credentials.

Activities related to special practice requirements must be logged by the resident. When resident training occurs with a mentor that is board certified in two or more specialties, they may log a training week in only one of those specialties. During periods of mentoring for which the resident is logging immersion time, they may also log experience requirements or skills requirements, when appropriate. The majority of specialty training weeks must be performed under the supervision of specialty Diplomate within the species of resident's training program.

### ***C. Independent Sports Medicine/Rehabilitation Study or Practice***

This requirement consists of **38 weeks** of independent study of topics related to sports medicine and rehabilitation or independent immersion in sports medicine and rehabilitation practice. Independent study or practice is intended to allow development of independent thought, staff mentoring and teaching skills, focused study in specialized facets of sports medicine and rehabilitation, further elective rotations, further supervised or independent rotations in sports medicine and rehabilitation, cross species training or human physical therapist interactions. Residents in an alternative track program can include place of employment or other off-site practice, provided monthly phone calls with the resident program director.

The resident program director is responsible for designing this requirement to meet the needs of the individual resident and is responsible for ensuring that the resident is receiving adequate training during this time. Continuing education that is intensely focused on a specialized facet of sports medicine and rehabilitation may be logged concurrent with the independent study requirement on an individual basis at the discretion of the Credentials and Residency Committee; however, general continuing education requirements may not be logged concurrently with

independent study time.

The resident, along with the support of the resident program director, must ensure that all independent study requirements are met and logged within the required term of residency program. Residents are expected to make regular progress in completing these requirements. The biannual report should reflect this progress.

#### ***D. Research weeks***

A minimum of **12 weeks** must be spent conducting Research and/or manuscript preparation.

#### ***E. Cross-species or Same-species Sports Medicine and Rehabilitation Training Weeks***

For the equine resident, **8 weeks** of rehabilitation must be spent with a person who has had advanced animal rehabilitation training. For the canine resident, 8 weeks of sports medicine must be spent with a person with advanced training in sports medicine. The individuals providing the specialized training must be approved by the resident program director. These training weeks may include rotations with alternative species, special rotations at a human rehabilitation facility or a special rotation with human physical therapist trained in veterinary rehabilitation.

#### ***F. Vacation***

Up to two weeks per year of vacation time may be counted toward this requirement with a maximum of **6 weeks** allowable.

#### ***G. Case Log***

The resident program director and the residency facility must provide the clinical caseload for the resident to receive adequate exposure to specific clinical problems, procedures, and cases that can be logged under the Case Log in the Master Log. For the Traditional and Alternative residency training programs, at least 50% of these cases must be obtained during direct ACVSMR Diplomate supervision.

The resident must be the primary resident responsible for each logged clinical case (i.e., be responsible for diagnostic and therapeutic decisions) and must log 400 clinical cases during a canine residency and 300 clinical cases during an equine residency. The resident must not be restricted to the role of an observer or consultant. Clinical case logs must include case identification, dates, diagnosis, treatment plan, and diagnostics. After evaluation follow-up information regarding patient care is strongly encouraged. All clinical cases must be recorded in the resident's Master Log. Logged cases must be new cases to the resident. An individual animal may be logged more than once when re-presented for a separate and distinct clinical sports medicine or rehabilitation problem(s).

#### ***H. Experience Requirements***

The experience requirement is for the observation and participation in specific clinical problems, procedures, or cases. Experience is achieved by the resident's direct observation and participation in the experience. The list of required clinical problems, procedures and cases to be experienced and logged for either canine- or equine-related experience requirements is included in the electronic Master Log for each species.

Specific skills and procedures that the resident must learn represent a higher level of training and are logged under the skills requirement below. However, direct hands-on participation (rather than simple observation) when meeting the experience requirements is expected whenever possible and is highly encouraged.

#### ***I. Skill Requirements***

The skills requirements, a list of skills critical to the practice of canine- or equine-related sports medicine and rehabilitation, are included in the Master Log for each species. Skills are required clinical procedures or other aspects of patient management that must be:

- Taught through discussion and demonstration by a resident program director or mentor
- Demonstrated to meet or exceed a minimum level of competency by the resident

- Graded as acceptable by the resident program director or mentor
- Logged by the resident with the signature of the resident program director or mentor to verify competency

The resident, along with the support of their resident program director, must ensure that all experience and skills requirements are met and logged within the duration of the residency training program. Residents are expected to make regular progress in completing these requirements. The annual report should reflect this progress. If the primary residency training program facility does not have the caseload to meet a certain skills requirement, the resident will have to meet this requirement at another residency training program facility

#### ***J. Continuing Education and Seminar Requirements***

The resident must log that the following criteria have been satisfied. The candidate must participate in 250 hours of continuing education, seminars, journal club, clinical case rounds, conferences or other similar educational experience. The resident can count 30% of hours of self-study time as long as verified by resident program director.

The resident should actively participate in medical seminars, literature reviews (i.e., journal clubs), clinical case rounds conferences, and board review sessions on a wide range of topics related to sports medicine and rehabilitation medicine. There should be substantial input into the seminar

series by individuals other than the resident. This training experience may be received at a veterinary or human teaching hospital. All seminars, rounds and reviews conferences must be clearly documented (i.e., seminar, date, location, topics, and credit hours).

The resident must log that the following criteria have been satisfied. The resident must participate in continuing education related to sports medicine or rehabilitation sponsored by local, state, and national veterinary or human medical organizations. These continuing education requirements are differentiated from seminar requirements in that seminars are defined as regularly scheduled, ongoing series in a hospital setting while continuing education is defined as sporadically offered veterinary or human conferences. Monthly local veterinary association meetings would, however, fall into the continuing education requirement if the subject matter were related to sports medicine and rehabilitation. Topics should cover a wide range of issues in sports medicine and rehabilitation. The intent of the requirement is to ensure that there is a continuum of active participation in formal continuing education. All continuing education must be clearly documented on the seminar and continuing education requirements log (i.e., conference, date, location, topics, and credit hours)

#### ***K. Oral Presentations***

Candidates are required to present a minimum of 3 multimedia presentations over the course of their program covering topics related to Sports Medicine or Rehabilitation. These presentations must be at least 20 minutes and presented to an audience of their peers. At least 1 diplomate of any specialty college must be present. These must be recorded in the resident's Master Log.

#### ***L. Peer-Reviewed Publication***

1. In addition to the weeks outlined for research/clinical investigation and manuscript preparation the candidate must publish at least one manuscript in the field of sports medicine and rehabilitation to be accepted for the credentialing exam of ACVSMR. The following criteria must be fulfilled:
  - a. The research must be the result of the resident's work.
  - b. The manuscript must have resulted from the resident's research or clinical investigation. The resident must be the sole author or sole first author of the manuscript; co- first authorship is not permitted.
  - c. The manuscript must follow a scientific approach and include: a clearly stated hypothesis or objective, a description of materials and methods, an appropriate statistical analysis, a report of the results, and a discussion. Communications, case reports, review papers, book chapters etc. are not acceptable.

- d. The manuscript must be written in English.
  - e. The date of publication cannot be more than five years old by the deadline for credentials submission. Letter of acceptance can be used to proof publication.
2. Approved Journal Requirements
- a. The Journal must be peer reviewed
  - b. The journal must be listed on MEDLINE/PubMed or CAB Abstracts
  - c. The journal must be either on the approved journal list (see Appendix 1) or if the candidate wishes to submit to a journal not on the list, that journal needs to be approved by the residency committee.
  - d. These criteria have to be fulfilled at the time of manuscript submission and documentation must be included with the candidate's credentials packet showing that the criteria was met at the time of manuscript submission.
3. A manuscript is considered accepted when the author receives a letter of unconditional acceptance from the journal editor. A copy of the accepted version of the manuscript (including the title page with author information and all images, tables and figures) or, if in print, a copy of the published manuscript showing the date of publication must be included in the credentials submission. An e-mailed letter of acceptance from the editor of any journal can be submitted in lieu of a hard copy letter from the journal, provided that the following conditions are met:
- a. The e-mail must contain the date of acceptance within the body of the message (not simply within the header).
  - b. The e-mail must indicate the name of the manuscript.
  - c. The e-mail must show all routing information within the message header.

The material within the publication must not have been published previously other than in an abstract or proceedings format. Clinical studies that fulfill the above criteria are acceptable to meet this publication requirement. The publication must be written in or fully translated to the English language. Non-peer reviewed publications such as book chapters, proceedings, review articles and clinical case reports are not acceptable material to meet this publication requirement.

## 8. PROGRESS REPORTS

All residents and candidates are required to notify the College Secretary and the Credentials and Residency Committee whenever a change in contact information (e.g., address, telephone number, e-mail address, etc.) occurs during or after their training program, up to the time that the resident achieves board certification. Complete and submit **Change of Resident Program Director Form** within 30 days of program director change.

### Annual Progress Report (due August 1)

All residents must submit an Annual Progress Report. The report must include the resident's Master Log and progress report. The Credentials and Residency Committee will evaluate the Annual Progress Report and recommendations and requirements will be forwarded to the resident and their resident program director.

The Annual Progress Report must use the format provided by the Credentials and Residency Committee and must include the following items:

- a. A completed progress report.
- b. The resident program director and all mentors must sign attesting to satisfactory completion of individual immersion training weeks, experience, and skills requirements in order for credit to be granted.
- c. The resident and the resident program director are responsible for ensuring that the report is complete.
- d. A completed resident Master Log.

Credit may not be automatically granted for completed requirements. The Credentials and Residency Committee will review the quality and appropriateness of the submitted documents

and their contents. Incomplete annual progress reports will not be reviewed and will be returned to the resident for resubmission at the next submission date. No credit will be granted for that reporting period.

One complete electronic copy of the annual progress report, including signatures, must be submitted to the Credentials and Residency Committee. The deadline for report submission is August 1<sup>st</sup>. All forms must be submitted by the deadline date. Late submissions will not be evaluated until the next submission date and the resident may be deemed inactive during that period. The College requires that the resident obtain and keep with their records written proof of electronic submission.

Residents will submit Annual report until completion of the required 156 training weeks.

## **9. CREDENTIALS SUBMISSION (due on or before August 1<sup>st</sup>)**

### **Eligibility**

All residents must submit credentials to the Credentials and Residency Committee for review and approval for qualification to take the board-certification examination. All residents and candidates submitting credentials for examination must have completed their residency training program and be current on all training requirements as detailed in the residency training program guidelines that were in place at the start of their residency.

The resident must have published, or have received final acceptance for publication of, one first-authored, hypothesis-driven manuscript in a peer-reviewed journal. The topic of the article should be relevant to sports medicine or rehabilitation. If a resident or candidate is in doubt about the suitability of an article or journal, they should contact the chair of the Credentials and Residency Committee for a ruling at least 90 days prior to the deadline for receipt of the residency credentials application.

### **Credentials Submission**

The candidate must include the following items in their residency credentials submission materials

- a. A completed and signed **Residency Credentials Submission Form**
- b. A credentials submission fee paid via the College website (<http://www.vsmr.org>).
- c. A copy of their Residency Training Program Master Log documenting successful completion of 72 weeks of sports medicine and rehabilitation, 20 weeks of specialty practice, 38 weeks of independent study, 12 weeks of research, and 8 weeks of cross-species or same-species sports medicine and rehabilitation. Documentation of management of 400 canine or 300 equine clinical cases and completion of all required clinical experiences and skills. Reporting of 250 hours of seminar and continuing education requirements.
- d. One original peer-reviewed, hypothesis-driven publication in the field of sports medicine or rehabilitation for which the applicant is first author. If the manuscript is not yet in print, then a letter indicating unconditional acceptance of the manuscript by the journal editor needs to be included together with an electronic copy of the manuscript. (Filename: Manuscript.pdf).
- e. One letter of recommendation from an active diplomate of the American College of Veterinary Sports Medicine and Rehabilitation who served as a resident program director applicant during their Residency Training Program that states a successful completion of the residency training program and the date of completion. The resident program director is required to verify the applicant's expertise and time commitment to clinical cases involving canine or equine sports medicine and rehabilitation.
- f. Two letters of recommendation from active diplomates of ABVS-recognized colleges who have sufficient experience working with the applicant to verify the applicant's expertise and time commitment to clinical cases involving canine or equine sports medicine and rehabilitation

The completed Residency Credentials Submissions form, including signatures and the required fee, must be received by the College Secretary on or before August 1<sup>st</sup> of the year prior to that in which the resident plans to take the board-certification examination. All credentialing materials and payment must be submitted electronically online. Late, incomplete, or incorrectly formatted credentials submissions will not be reviewed and the resident will need to resubmit their credentials the following year. Credential submission fees will not be refunded if the resident or candidate is determined not to be eligible or qualified to take the board-certification examination.

The Board of Directors upon recommendation by the Credentials and Residency Committee makes eligibility rulings. Candidates will be notified of the approval status to take the board-certification examination within 60 days after the deadline for credentials submission. The College requires that the candidate obtain and keep with their records written proof of electronic submission for use if any questions arise regarding credentials submission documents or dates.

### **Formal Appeal Procedures in Case of an Adverse Decision**

In case of an adverse decision by the Credentials and Residency committee relative to denial of credentials, an appeals process has been established. An affected party desiring to appeal the adverse decision must adhere to the following procedures.

#### **Grounds for Reconsideration or Review**

The affected party may petition for reconsideration or review of the College's decision on the grounds that the College had ruled erroneously by:

- Failing to consider relevant evidence or documentation presented.
- Disregarding the established College criteria for achieving board certification.
- Failing to follow procedures as stated in the Policies and Procedures document.

An appeal relating to the candidate's credentials must be filed within thirty (30) days of the date on which the adverse decision was announced to the candidate. In the event of an adverse decision by the College relative to credentials, the College shall advise the affected person of the procedures for appealing the adverse decision. The appeal will be reviewed by an Ad hoc Appeals Committee and their recommendation forwarded to the Board of Directors.

Members of the Credentials and Residency Committees will be recused from serving on the Ad hoc Appeals Committee when the appeal is related to credentialing. The candidate will be informed of the decision at least forty-five (45) days prior to the examination date.

#### **Petition for Reconsideration**

The following six (6) steps outline the process for an affected party needs to follow to address an adverse decision by the College relative to denial of credentials:

1. An affected party may, at his or her option, petition the College to reconsider its decision by filing with the College a written petition for reconsideration which shall include a statement of the grounds for reconsideration and documentation, if any, in support of the petition.
2. Such a petition must be received by the Secretary/Treasurer within thirty (30) days of the date on which the College announced its adverse decision.
3. The affected party may, at the discretion of the College, be invited to appear at the next regular meeting or an ad hoc meeting of the Board of Directors.
4. The Board of Directors will appoint an Ad hoc Appeals Committee to review appeals, consisting of three diplomates. The Ad hoc Appeals Committee will elect a Chair. An appointed member to the Ad hoc Appeals Committee may not be a member of the Board of Directors. If an appointed committee member should have a conflict of interest, then the President will appoint a replacement. Appointed members may not be a member of the initial committee that made the decision leading to the current appeal.
5. The Chair of the Ad hoc Appeals Committee will call a meeting to review an appeal and consider whether due process has been followed within thirty (30) days of notification of the appeal. The Chair will notify the Board of Directors of the results of



- the review and the final decision will be e-mailed to the affected person(s) not more than thirty (30) days after the decision has been made.
6. Upon the completion of Steps 1 through 5 above, if the affected party is not satisfied with the final decision, he or she may request assistance with mediation through the American Board of Veterinary Specialties (ABVS).

## 10. COLLEGE AFFILIATION

### Active Status

To remain on active status, all candidates must maintain and complete the most current requirements for knowledge, experience and skills. Candidates may not claim affiliation with the College, in print or in any other format, until they are board certified in the College. They may only claim affiliation with their residency facility, i.e. "Residency training program completed at ABC institution". The term "College or Board eligible" is not to be used.

## 11. LIST OF IMPORTANT TIMELINES AND DATES

### Candidate

- All residents must register with the Credentials and Residency Committee by **August 1st** of year 1 of their residency training program by submitting a **Resident Registration Form**.
- All residency training programs end on **July 31<sup>st</sup>** of a specified year.
- A resident must complete all training requirements within 6 years of the residency training start date.
- A resident must submit final credentials for the board-certification examination within 5 years of completing their residency training program.
- Alternative residents, and Traditional residents not applying to a pre-approved residency training program, may apply by **March 1<sup>st</sup>** for a start date in **July** each year using the online system and the forms at the end of these guidelines.

### Pre-Approval of Traditional Residency Programs

- Residency training programs seeking pre-approval of their traditional residency training program must submit a Traditional Residency Training Program Application by **September 1<sup>st</sup>** of the year preceding the start of residency training. This application must be submitted every year prior to accepting a new resident and is not automatically renewed.

### Annual Report for Residency Training Program

- A completed annual progress report form signed by the resident and the resident program director, documenting training weeks and other requirements completed by the resident, as well as the resident's clinical case log must be submitted by **August 1<sup>st</sup>** of each year.
- All resident program director and mentors must sign attesting to satisfactory completion of individual training weeks, experience, and skills requirements for credit to be granted. The resident is responsible for ensuring that the semi-annual and annual progress reports are completed and submitted on time.

### Credentials

- The Credentials and Residency Committee must receive the resident's credentials, detailing completion of all training requirements on or before **August 1<sup>st</sup>** of the year prior to that of the planned board-certification examination. The Residency Credentials Submission Form and its required supporting documents are also due at this time.

### Examination

- Notification of eligibility to sit the examination will be received at least 120 days prior to the exam date.

### **Credentials and Residency Committee**

- Within 60 days of the applicant's registration, the Credentials and Residency Committee will acknowledge the start of the new residency or ask for further information.

## **12. FORMS**

**\*PLEASE DOWNLOAD THE FILLABLE PDFS FROM THE WEBSITE RATHER THAN USING THOSE AT THE END OF THIS DOCUMENT – THESE ARE FOR REFERENCE PURPOSES ONLY.**

- A. Change of Resident Program Director Form**
- B. Residency Program Plan**
- C. Resident Registration Form**
- D. Annual Resident Progress Report**
- E. Residency Credentials Submission Form**

**Note: Canine Master Log and Equine Master Log per residency type is available for download on the College website.**

**\*PLEASE DOWNLOAD THE FILLABLE PDFS FROM THE WEBSITE RATHER THAN USING THOSE AT THE END OF THIS DOCUMENT – THESE ARE FOR REFERENCE PURPOSES ONLY**

**AMERICAN COLLEGE OF VETERINARY SPORTS MEDICINE AND REHABILITATION**

**CHANGE OF RESIDENT PROGRAM DIRECTOR FORM**

This form must be submitted to the ACVSMR office (via website) within 30 days of the date that a change of Resident Program Director becomes effective. The new Resident Program Director should give a copy of this completed form to the resident, which should be retained by the resident.

To be completed by the new Resident Program Director:

I have read the current ACVSMR Residency Program Guidelines as adopted by the American College of Veterinary Sports Medicine and Rehabilitation. I understand my role and agree to perform and oversee the training, resident logs, and evaluation of the resident, including ensuring that the resident not only meets the minimum requirements as outlined in the Guidelines, but also meets the criteria for acceptance into the College: has a satisfactory moral and ethical standing in the veterinary profession and a commitment to the constitutional objectives of the ACVSMR. I understand that it is my responsibility to ensure, to the best of my ability, that the information presented by the resident in the web based Resident Training Log documentation system is complete and accurate.

Effective \_\_\_\_\_ (mm/dd/yyyy), I have begun supervising \_\_\_\_\_

(Resident's name) at \_\_\_\_\_ (institution/practice).

**Diplomate:** \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**Resident:** \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Previous Resident Program Director: \_\_\_\_\_

**AMERICAN COLLEGE OF VETERINARY SPORTS MEDICINE AND REHABILITATION**

**RESIDENCY TRAINING PROGRAM PLAN**

The ACVSMR Residency Committee provides this checklist to assist the Program Director to determine that their proposed residency will meet the college's guidelines. This form should be completed and returned as part of the residency application package. You should also make a copy for your records.

**A. Residents information:**

Name: \_\_\_\_\_

Department: \_\_\_\_\_

Hospital or University: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State, Zip, Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

**B. Program Director's information: (Note: The program director must be an ACVSMR diplomate in good standing)**

Name: \_\_\_\_\_

Department: \_\_\_\_\_

Hospital or University: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State, Zip, Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

**C.** Is the program director familiar with current standard training program requirements as outlined in the current ACVSMR residency guidelines?

Yes \_\_\_\_\_ No \_\_\_\_\_

**D.** The species-focus of the residency training program:

Canine \_\_\_\_\_ Equine \_\_\_\_\_

**E.** Physical location of the alternative residency training program:

Primary site: \_\_\_\_\_

Secondary site: \_\_\_\_\_

Other sites: \_\_\_\_\_

**F.** List all existing diplomates of American or European specialty colleges that are available for supervision as boarded specialists in the areas of sports medicine and rehabilitation (ACVSMR), surgery (ACVS), internal medicine (ACVIM), cardiology, neurology, anesthesiology/pain management (ACVA), nutrition (ACVN), and radiology (ACVR). If any individuals are physically located off-site, please explain the situation and arrangements provided for contact with and supervision of the ACVSMR trainee.

Name	Board specialty	Practice/Institution of Diplomate


**Part 2: RESIDENCY TRAINING PROGRAM INFORMATION**

The following questions help determine how well your program meets the residency requirements outlined in the ACVSMR residency. Each question represents a requirement. A No answer should be justified and alternatives identified. Justifications and alternatives may be provided in an additional document if needed.

**A.** Will the trainee spend a minimum of 72 weeks in a clinical rotation performing sports medicine and rehabilitation-related activities under the supervision of an ACVSMR diplomate? Supervision is defined as the trainee and the ACVSMR diplomate participating in clinical practice managing sports medicine and/or rehabilitation cases as their primary clinical duties.

Yes \_\_\_\_\_ No \_\_\_\_\_

If No, please describe in detail:

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**B.** Will the trainee spend an additional 20 weeks in clinical rotations under the supervision of other board-certified specialists?

Diagnostic imaging: 6 weeks	Yes _____ No _____
Surgery: 6 weeks	Yes _____ No _____
Neurology: 3 weeks (Canine only)	Yes _____ No _____
Internal medicine: 3 weeks (Canine)	Yes _____ No _____
Internal medicine: 6 weeks (Equine)	Yes _____ No _____
Pain management: 2 weeks	Yes _____ No _____

**Diagnostic Imaging:**

Mentors: \_\_\_\_\_

Experience and training in reading (and obtaining) plain radiographs, CTs, nuclear scintigraphy, MRI, and ultrasonography will be obtained during this rotation. The resident will spend clinic hours under direct supervision of the respective mentor(s).

**Surgery:**

Mentors: \_\_\_\_\_

The resident will actively participate and guide the work-up of referred cases. Responsibilities include examination, diagnosis and development of a treatment plan for cases presented to the surgery service. Patient monitoring, participation in surgery, surgical planning and preparation and follow-up as well as participation in daily rounds is also required. Reading and knowledge of current literature pertaining to areas of particular interest (orthopedic maladies treatment and outcomes) will be expected. Emphasis should be placed upon exposure to sports-related cases, minimally invasive procedures, and regenerative medicine.

**Neurology (Canine only):**

Mentors: \_\_\_\_\_

The resident will actively participate and guide the work-up of referred cases. Responsibilities include examination, diagnosis and development of a treatment plan for cases presented to the neurology service. Patient monitoring and follow-up as well as participation in daily rounds is also required. Reading and knowledge of current literature pertaining to rehabilitation will be expected.

**Internal Medicine:**

Mentors: \_\_\_\_\_

The resident will actively participate and guide the work-up of referred cases. Responsibilities include examination, diagnosis and development of a treatment plan for cases presented to the internal medicine service. Patient monitoring and follow-up as well as participation in daily rounds is also required. Emphasis should be placed upon sports-related cases, exercise physiology, and nutrition.

**Pain Management:**

Mentors: \_\_\_\_\_

The resident will be responsible for diagnosis, monitoring, and treatment of acute and chronic pain conditions in animals. This rotation can be with the anesthesia service or with a veterinarian certified in veterinary pain management. Exposure to acupuncture and physical modalities should be emphasized.

3. Will the trainee spend an additional 38 weeks training in independent study-related activities in sport medicine and rehabilitation? This requirement will not necessarily be under direct supervision, in clinics, or in activities related to writing, teaching or obtaining experience with other required specialists, but it will be tailored to include areas relevant to professional development of the resident (i.e., stem cell therapy, human rehabilitation observation, etc.). This requirement is not intended to include personal vacations or professional meetings.

Yes \_\_\_\_\_ No \_\_\_\_\_

4. Is a complete medical record, using a problem-oriented (SOAP) veterinary medical record system maintained for each individual patient and is retrievable?

Yes \_\_\_\_\_ No \_\_\_\_\_

5. Will the trainee participate in clinical rounds on a daily basis while on clinical rotations? A clinical rotation consists of a supervising diplomate being available for direct supervision for minimally 20 hours out of a 40-hour training week. Training weeks begin on the same day of the week throughout the residency.

Yes \_\_\_\_\_ No \_\_\_\_\_

6. Please indicate the availability of the following equipment and facilities. Indicate if the equipment is available at the primary training site or at a different location.

<b>Equipment or Facilities</b>	<b>Availability (Yes/No)</b>	<b>Location: On-site (Yes/No)</b>	<b>Location: Off-site (Yes/No)</b>
Radiography			
Ultrasonography			
Surgical Facilities			
Magnetic resonance imaging			
Computed Tomography			
Endoscopy			
Arthroscopy			
Clinical/Anatomic pathology			
Electrocardiography			
Blood pressure monitoring			
Electromyography			
Computerized medical records			
Veterinary or medical library			
Intensive care facility (24 hours)			
Rehabilitation facility			





8. Will the residents see approximately 400 canine cases or 300 equine cases during residency training program under the guidelines of the canine and equine sub- specialties?

Yes \_\_\_\_\_ No \_\_\_\_\_

9. Will the trainee spend 250 hours during the residency training program attending journal clubs, continuing education, audited classes, or seminars?

Yes \_\_\_\_\_ No \_\_\_\_\_

10. Is the trainee required to give one or more formal presentations at a national or international conference or in an educational setting on a yearly basis?

Yes \_\_\_\_\_ No \_\_\_\_\_

11. Will the resident attend major veterinary medical, rehabilitation, sports medicine, or medical meetings during their training?

Yes \_\_\_\_\_ No \_\_\_\_\_

12. Does the training program require a research project?

Yes \_\_\_\_\_ No \_\_\_\_\_

13. Will one or more publications be required as part of the training program? Residents are required to be first author on at least one a peer-reviewed, hypothesis-driven publication related to veterinary sports medicine or rehabilitation?

Yes \_\_\_\_\_ No \_\_\_\_\_

14. Will the trainee meet at least twice per year with their program director to evaluate their performance, review their progress in the program, and to assess whether or not their training program is proceeding as described in this document?

Yes \_\_\_\_\_ No \_\_\_\_\_

15. Will a dated, written summary of this evaluation (i.e., progress report) be available for the ACVSMR Residency Committee to review if needed?

Yes \_\_\_\_\_ No \_\_\_\_\_

16. Please provide a general description of the structure of the residency training program provided for trainees in sports medicine and rehabilitation. This should include: the length and number of clinical rotations per year; distribution of time allocated for research, writing, exam preparation, other scholarly activity and vacation; and distribution of time allocated to external rotations, if this is a multi-site program. Please list the approximate time spent in each activity in weeks per year. If the time changes from year to year during the program, please specify.

<b>Activity</b>	<b>Approximate time (weeks/year)</b>
Teaching - Lectures	
Teaching - Laboratories	
Clinical rotations (on site)	
External clinical rotations	
Research activities	
Writing case reports or manuscripts	
Continuing education	
Other scholarly activities	
Board examination preparation	
Vacation	

17. Please list the trainees currently participating in your residency training programs, the beginning date of the program, expected ending date and the designated ACVSMR program director.

<b>Candidate/Resident</b>	<b>Start Date</b>	<b>Expected End Date</b>

Residents must register the start date of their residency training program with the ACVSMR Residency Committee by August 1<sup>st</sup> following their start date. Failure to register by the August 1<sup>st</sup> deadline may jeopardize the certification process as the resident training program may not be recognized or accepted.

Signature of Resident: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Program Director: \_\_\_\_\_ Date: \_\_\_\_\_

**AMERICAN COLLEGE OF VETERINARY SPORTS MEDICINE AND REHABILITATION**

**RESIDENT REGISTRATION FORM**

This form should be typed in order to be processed in the college office. You are encouraged to register immediately; however, registrations must be received by the college secretary by August 1st following the start of your residency program. Failure to register by the August 1st deadline may jeopardize your certification process, as some of your training program may not be recognized or accepted. The resident should give a copy of the form to their Resident Program Director.

**Name/title(s):** \_\_\_\_\_

I hereby register my \_\_\_\_\_ residency (Traditional/Alternative) with the American College of Veterinary Sports Medicine and Rehabilitation in accordance with its rules and guidelines, as published in the college's Constitution and Bylaws and Residency Guidelines.

I have read the current *Residency Program Guidelines* as adopted by the American College of Veterinary Sports Medicine and Rehabilitation. I understand that any false information that I provide or other evidence of fraud on my part will adversely affect my residency training and/or acceptance of my Credentials Application and may be reason for termination of my residency program and/or permanent disqualification of my application.

I further covenant and agree:

- (i) to indemnify and hold harmless the American College of Veterinary Sports Medicine and Rehabilitation and each and all of its members, regents, officers, examiners and agents from and against any liability whatsoever in respect of any act or omission in connection with this registration, applications, credentials, examinations, the grades on such examinations and/or the granting or issuance of or failure to grant or issue a certificate to me, and
- (ii) that any certificate, which may be granted and issued to me shall be and remain the property of the American College of Veterinary Sports Medicine and Rehabilitation.

Resident Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Residency Information and Program Director Verification**

1. Resident's name: \_\_\_\_\_  
Last Name                      First Name                      Middle Name/Initial

2. Mailing address, telephone number, fax number and e-mail address:  
Department: \_\_\_\_\_

Hospital/University: \_\_\_\_\_

Address: \_\_\_\_\_

City, State/Province, Zip, Country: \_\_\_\_\_

Work Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

3. American College of Veterinary Sports Medicine and Rehabilitation Residency location and dates:

Hospital/University: \_\_\_\_\_

Address: \_\_\_\_\_

City, State/Province, Zip, Country: \_\_\_\_\_

From: \_\_\_\_\_ To: \_\_\_\_\_  
Starting date (month/date/year) Anticipated ending date (month/date/year)

4. Indicate the Specialty in which you wish to become Board-certified:

Canine Sports Medicine and Rehabilitation \_\_\_\_\_

Equine Sports Medicine and Rehabilitation \_\_\_\_\_

5. Name and contact information of your American College of Veterinary Sports Medicine and Rehabilitation Resident Program Director for your residency training (Resident Program Director **MUST** oversee the entire program (for Traditional residency programs, the program director must be at the same facility/institution as the resident's primary facility/institution):

Name of Resident Program Director: \_\_\_\_\_

Department: \_\_\_\_\_

Hospital/University: \_\_\_\_\_

Address: \_\_\_\_\_

City, State/Province, Zip, Country: \_\_\_\_\_

Work Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Resident Program Director's Verification:**

I hereby certify that I am personally supervising the clinical training program of the above applicant and that this training program meets the standards established by the American College of Veterinary Sports Medicine and Rehabilitation.

Signature of Resident Program Director: \_\_\_\_\_ Date: \_\_\_\_\_

**RETAIN A COPY OF THIS REGISTRATION FORM FOR YOUR RECORDS.**

You should receive notification from the college within 60 days acknowledging receipt of your registration and your acceptance into the American College of Veterinary Sports Medicine and Rehabilitation candidate program.

**\*\*Please note, any candidate that significantly changes or alters their residency training program before completion must notify the college, in writing, before the changes are made to ensure that the proposed changes are approved. Significant changes could include, but are not limited to, transferring from one program to another, alterations in program duration, switching to a 'dual board' program, or enrolling in an institutional graduate program, etc.\*\***

## AMERICAN COLLEGE OF VETERINARY SPORTS MEDICINE AND REHABILITATION

### RESIDENT ANNUAL PROGRESS REPORT

To all American College of Veterinary Sports Medicine and Rehabilitation Program Directors and their Residents:

The following serves as a reminder that *all* residents in Veterinary Sports Medicine and Rehabilitation training programs are required to submit annual reports to the Credentials and Residency Committee (CRC) in accordance with the current Guidelines. Progress reports are due by August 1<sup>st</sup> each year and should include the entire previous year of training. ***All residents must follow the instructions detailed below, which are based on the Residency Guidelines. Reports must be typed and must be complete or they will not be reviewed.***

The following are recommended to ensure a successful annual review:

- Include a signed and dated Progress Report Certification Statement. Please ensure that your Resident Program Director certifies your report.
- Master Log
  - Ensure that all mentors have signed the mentor section of the Master Log. Ensure that the mentors are the same as those listed on the annual program updates approved by the Residency Training Committee. If more than one individual supervised any training week, all names and signatures must be provided.
  - Check that your final tabulations match the number of immersion weeks and seminar/ continuing education hours submitted.
  - All weeks should be listed in the order that they were performed.
  - **Immersion requirements:** Specify each weekly rotation as either: Sports Medicine/Rehabilitation Immersion with American College of Veterinary Sports Medicine and Rehabilitation supervision, Specialty Practice with Specialist Mentoring, Independent Sports Medicine and Rehabilitation Study or Practice, Research, Cross or same species sports medicine and rehabilitation training, or Vacation. Credit can only be granted for one category for any given week. The total number of reported weeks per year will be 52. See the college residency guidelines for more information.
  - **Seminars Requirements:** List all seminars by date, subject, speaker or moderator, location, format, and hours attended, and include an annual seminar schedule with your submission. Please note that clinical student, 'cage-side' or other informal rounds do not meet these requirements and nor do non-sports medicine/rehabilitation topics.
  - **Continuing Education Requirements:** List all CE lectures attended individually by date, meeting, location, subject/title, speaker, and hours attended. Please note that non-sports medicine/rehabilitation topics do not meet these requirements.
  - **Publication Requirements:** List all any publications submitted and their status (in review or accepted, published) and include citation information.
- If you have fulfilled a requirement, and received verification in a previous annual report letter, you may indicate this in the area provided.
  - Example: Publication Requirement: Requirement fulfilled per Credentials and Residency Committee.
- If you are resubmitting material from prior reporting periods for credit not previously granted, please ensure that this is clearly stated in a cover letter and include specific



**AMERICAN COLLEGE OF VETERINARY SPORTS MEDICINE AND REHABILITATION**  
**RESIDENT CREDENTIALS SUBMISSION FORM**

An electronic copy of this credentials submission form and all supporting documents plus the non-refundable credentials submission fee must be received by the Secretary (via online submission) no later than **August 1**. Application materials received after this date will not be accepted for the next board-certification examination. All application materials will become the property of the American College of Veterinary Sports Medicine and Rehabilitation.

The preferred method of payment is via PayPal on our website (<http://www.vsmr.org>).

**PLEASE TYPE OR PRINT CLEARLY**

**Today's Date:** \_\_\_\_\_

**Applicant's Contact Information**

Name:	
Practice or University:	
Address:	
City, State, Zip:	
Country:	
Phone:	
E-mail:	

**Species Track Selection:** Please indicate the species track for which you are applying:

- Canine       Equine

**Veterinary Education and Licensure**

Graduate of (Veterinary medical school)	
Degree:	
Year:	
Veterinary medical license (State or Province):	
License number:	



### Residency Credentials Submission Checklist

Please submit all of the below documents electronically online at [www.vsmr.org](http://www.vsmr.org).

- This completed and signed Residency Credentials Submission form.
- A credentials submission fee of \$350 (US).
- A copy of your Residency Training Program master log documenting successful completion of 72 weeks of sports medicine and rehabilitation, 20 weeks of specialty practice, 38 weeks of independent study, 8 weeks of cross or same species sports medicine and rehabilitation training, and 12 weeks of research. Documentation of management of 400 canine or 300 equine clinical cases and completion of all required clinical experiences and skills. Reporting of 250 hours of seminar and continuing education requirements.
- One original peer-reviewed, hypothesis-driven publication in the field of sports medicine or rehabilitation for which the applicant is first author. If the manuscript is not yet in print, then a letter indicating unconditional acceptance of the manuscript by the journal editor needs to be included together with an electronic copy of the manuscript.
- One letter of recommendation from an active diplomate of the American College of Veterinary Sports Medicine and Rehabilitation who served as a program director and is able to verify the applicant's expertise and time commitment to clinical cases involving canine or equine sports medicine and rehabilitation.
- Two letters of recommendation from active diplomates of ABVS-recognized colleges who have sufficient experience working with the applicant to verify the applicant's expertise and time commitment to clinical cases involving canine or equine sports medicine and rehabilitation.

These letters of recommendation should be addressed to the "Credentials Committee" and submitted online.

You will receive acknowledgement of receipt of your submitted credential materials from the College Secretary within 14 days of submission. You will then be notified by the Credentials and Residency Committee regarding the acceptance of your credential materials for the College board-certification examination within 60 days of submission of credential submission and at least 120 days prior to the examination.

**All candidates are required to sign the following agreement at the time of credentials submission:** I hereby apply to the American College of Veterinary Sports Medicine and Rehabilitation for examination in accordance with its rules and herewith enclose the application fee. I also hereby agree that, prior to or subsequent to my sitting the board-certification examination, the Board of Directors may investigate my standing as a veterinarian, including my reputation for complying with the standards and ethics of the profession.

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Signature

Date