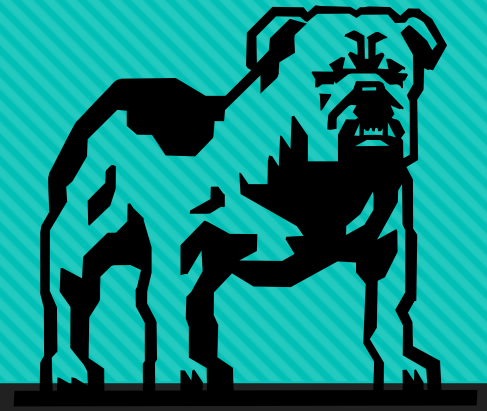


**Introduction to Rehabilitation, the  
Most Rewarding Veterinary  
Medical Field and the Path to  
Board Certification**

# Sign up for Rehab List Serve

- ~2000 vets techs pts...
- Cases
- Equipment
- Continuing education opportunities

# Definition of Rehabilitation



- The Use of a variety of techniques and modalities to relieve pain, strengthen and re-educate muscles, and stimulate nerve regeneration to maximize recovery or regain optimum functional capabilities



# Team Approach

- ACVSMR – Lead
- CCRT &/or CCRT
- PT
- Technicians
- Assistants

# ACVSMR Expected Proficiency

- Conditioning, training, and fitness as they relate to athletic performance.
- Athletic performance and the impact of nutrition, nutraceuticals, and pharmaceuticals on athletes' short- and long-term health and performance.

# ACVSMR Expected Proficiency

- 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.**

# ACVSMR Expected Proficiency

- Evaluation, diagnosis, management, and rehabilitation of sports medicine-related illnesses and injuries with detailed knowledge of sports-specific injuries and medical problems.
- The principles of functional anatomy, biomechanics, exercise physiology and pathology; and the mechanisms of tissue adaptation, aging, injury, healing, and repair.



# ACVSMR Expected Proficiency

- Integrative treatment options and pain management as they relate to rehabilitation of sports-specific injuries and performance.
- 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.



# ACVSMR Expected Proficiency

- Knowledge of athletic equipment, assistive devices, orthotics and prosthetics in prevention and management of athletic injuries and disabilities.

# Goals of Residents

- Develop a high level of **clinical skills and expertise** in the field of veterinary sports medicine and rehabilitation.
- 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.

# Goals of Residents

- Develop **critical thought** processes and the use of a problem-based approach to patient care.
- Demonstrate an ability to **teach, communicate** and effectively **present** information.
- Demonstrate exceptional **ethical standards** and the ability to act as a **professional role model**.

# Become A Diplomat of the ACVSMR

- Completion of 1 year rotating-**internship** or equivalent
- Acceptance of resident's ACVSMR **Residency** Training Program
- Successful **completion and approval** of all Resident Training **Requirements**

# Further Education Opportunities

## ○ Internships

- Colorado State - Canine

- University of Florida - Canine

- Veterinary Orthopedics and Sports Medicine, Maryland

- Twin Cities Animal Rehab and Sports Med, Minnesota

- Cornell University

- University of Tennessee

- Animal Medical Center (AMC)

# Become A Diplomat of the ACVSMR

- Submission and acceptance of all Credentials (completion of resident training program and first author manuscript accepted for publication)
- Successful passing of both components of the Board-Certification Examination

# ACVSM residency program

- Residencies - Canine
  - Animal Medical Center
  - Colorado State University
  - University of Florida
  - VOSM



## Training week requirements

## # Weeks

Sports med/rehab (DACVSMR)

72

Specialty weeks

20

- Imaging – 6
- Surgery – 6
- Medicine – 6
- Pain - 2

Independent sports med/rehab

38

Research

12

Cross species training

8

- Canine – sports med; Equine – rehab

Vacation

6

**Total**

**156**

# Other ACVSMR residency requirements

- Clinical **cases** - Canine – 400 cases; Equine – 300 cases
- List of skills and experiences
- **Continuing education**/seminars – 250 hours
- Oral **presentations** – 3
- **Publication**
  - Required for ACVSMR board examination
- **Exam** – 2 days; MC, core knowledge and species specific
- Credentialing committee certifies the person, not the program

# ACVSMR residency program

- For questions
  - ACVSMR website
  - Or email: [info@vsmr.com](mailto:info@vsmr.com)



# American Association of Rehabilitation Veterinarians

- **Mission:** To advance the art and science of veterinary rehabilitation through education, advocacy and a commitment to research.
- **Support student learning and interest in rehabilitation**
  - FREE membership for students!!
  - Student section on website
  - Mentor list
  - Student competitions
  - Speaker sponsorship/support for clubs
- **Rehabvets.org**



# Quote From VPN on The Business of Rehab

- The most **lucrative rehabilitation practices** tend to incorporate a team approach led by a **rehabilitation veterinarian with advanced training**. It is therefore recommended the veterinarian leading the team in any rehabilitation practice be certified in rehabilitation at a minimum. The scope and demand of rehabilitation practice are great, and the lead veterinarian needs to develop skills that go beyond the introductory certification courses in rehabilitation. Ideally, the **veterinarian will strive to complete board certification as a diplomate of the American College of Veterinary Sports Medicine and Rehabilitation (ACVSMR)**.

# Case

- Student let me know what their dog or one of the patients they are working with is going through and we could discuss treatment possibilities