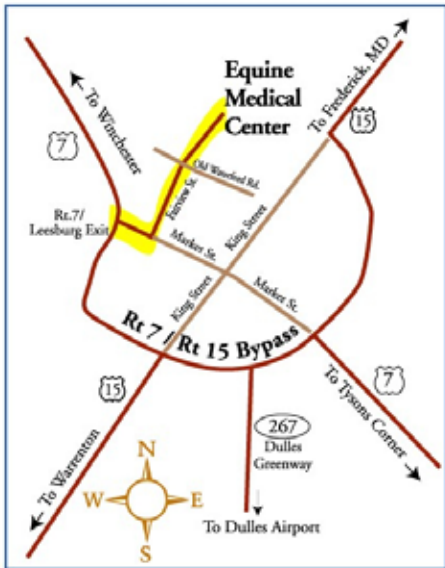




Marion duPont Scott Equine Medical Center
P.O. Box 1938
17690 Old Waterford Road
Leesburg, VA 20176

Equine Anesthesia

Lectures and Wet Labs for Continuing Education Credit for Veterinary Technicians



Marion duPont Scott Equine Medical Center Contact Information

Mailing Address

P.O. Box 1938, Leesburg, VA 20177

Physical Address

17690 Old Waterford Road, Leesburg, VA 20176

Telephone: (703) 771-6800

Facsimile: (703) 771-6810 •

Web site: www.equinemedicalcenter.net

Should lodging be needed, the Best Western in Leesburg offers a discounted rate for visitors participating in EMC-related work. Let us know when you register for the course if you'd like to stay there so we can notify Best Western to confirm your visit. Arrangements need to be made at least a month in advance. Go to www.bestwesternleesburg.com for more information.



Offered In 2009:

May 2

August 29

September 26



VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY

Program and Schedule
Check in at EMC 7:30 - 7:55 a.m.
Lectures begin promptly at 8:00 a.m.

Presenters

Marion duPont Scott Equine Medical Center

Anesthesia Course

Registration Form

5/2 8/29 9/26 (Circle one)

Each Wet Lab limited to 6 participants;
lectures open to 25 attendees each.

Saturday Morning Lectures (4 Hours of CE)

Drugs used in equine anesthesia

This lecture will discuss the different options of drugs used during all phases of anesthesia, including premedication, induction, maintenance, and recovery. The advantages and disadvantages, and reasoning as to why to choose each drug will be covered.

Equipment and monitoring in equine anesthesia

Some different options for delivering and monitoring anesthesia will be discussed. Some topics include anesthetic machines and ventilators, ECGs, capnography, plethysmography, pulse oximetry and blood gas monitoring will be examined. Advantages and limitations will be explored.

Complications in equine anesthesia

Prevention, early detection and early treatment of complications can prevent morbidity and mortality in horse undergoing general anesthesia. Some complications that will be explored in greater detail include hypotension, hypoxemia and hypoventilation. Treatment options will be discussed.

Anesthesia for specific procedures

Certain anesthetic procedures can have specific requirements or increased risk for complications. Altering the anesthetic protocol to address these needs can reduce the morbidity and mortality of the patient. Some procedures discussed include field anesthesia, colics, and dystocias/ c-sections.

Lunch

(included with full day registration fee)

Saturday Afternoon Wet Lab (4 Hours of CE)

The lab will allow hands-on practice in all phases of equine anesthesia. A pre-anesthetic physical will be performed, then the horse prepped for general anesthesia. Participants will premedicate and induce the horse, which will then be placed on gas anesthesia. During the maintenance phase, students will have the opportunity to instrument the horse with ECG, capnograph, and arterial catheterization. Students will have the opportunity to manipulate the anesthetic depth and ventilator settings. Finally, the participants will recover the horse to standing.

ALISON A. SMITH, DVM, DIPLOMATE ACVA



Dr. Smith is a clinical assistant professor in anesthesia at Virginia Tech's Marion duPont Scott Equine Medical Center.

After receiving a doctor of veterinary medicine from Iowa State University in 2000, Dr. Smith completed an internship in equine medicine and surgery at the Rood and Riddle Equine Hospital in Lexington, Kentucky, in June 2001, and a residency in

anesthesiology at Cornell University in Ithaca, New York, in July 2003.

She joined the Marion duPont Scott Equine Medical Center's staff as a clinical instructor in anesthesia in August 2004, and was appointed to clinical assistant professor in anesthesia in August 2005.

In March, 2006, Dr. Smith completed the International Veterinary Acupuncture Society's Basic Course in Veterinary Acupuncture.

She is a Diplomate of the American College of Veterinary Anesthesiologists, and is a member of the American Academy of Veterinary Acupuncture, the American College of Veterinary Anesthesiologists, the American Veterinary Medical Association, and the International Veterinary Acupuncture Society.

KRISTIN TOMSIC, B.S., LVT-VTS (ANESTHESIA)



EMC employee Kristin Tomsic is a certified Veterinary Technician Specialist in Anesthesia. Kristin, who graduated in 1999 from Lake Erie College in Painesville, Ohio with a B.S. in Equine Studies, went on to graduate from Cuyahoga Community College's Vet-Tech program. Subsequently, she worked in Ohio as a registered technician at The Equine Specialty Hospital and as a surgery technician for The Cleveland Clinic's

Research Department. Kristin has been with the Marion duPont Scott Equine Medical Center since 2006; she passed the AVTA exam in 2008.



The Marion duPont Scott Equine Medical Center is one of three campuses operated by the Virginia-Maryland Regional College of Veterinary Medicine (VMRCVM).

Name _____
Address _____
City _____ State ____ Zip _____
Phone _____ E-mail _____

Tech designation RVT CVT LVT AHT
(circle one) Tech school (must be AVMA accredited)
Documentation of current license or current school enrollment is required.

Registering for Lecture only (\$100.00)
 Lab and lecture (\$450.00)

Current Employer _____

Card type VISA MasterCard
Card holder name: _____
Card holder address: _____

Card number _____
Card expiration date _____ Today's date _____
Authorized signature _____

Cancellation subject to a fee of \$50.00. Make **money order** payable to *Treasurer of Virginia Tech*. Please print clearly. We will notify you if the Lab is full; please consider an alternate date to attend.

By registering for this wet lab, I understand the risks involved and do hereby release Virginia Tech's Marion duPont Scott Equine Medical Center from any and all liability claims.

Mail completed form and payment to the address listed under the map on this brochure; send to the attention of Priscilla Blackburn, MA, LVT; Assistant Hospital Administrator for Patient Care.

For credit card payments, FAX to (703) 771-6810, attention Priscilla Blackburn.

For more information, call Priscilla Blackburn at (703) 771-6800.