

# 2016 VECCS SPRING SYMPOSIUM



April 14-17, 2016

Sheraton Hacienda del Mar Golf & Spa Resort

## CABO SAN LUCAS, MEXICO

17 HOURS OF CE FOR VETERINARIANS AND TECHNICIANS



# JOIN US FOR THE 2016 VECCS “MEMBERS ONLY” SPRING RECREATIONAL CE SYMPOSIUM

- ✿ Speakers - Internationally recognized “Subject Matter Experts”
- ✿ Practical Emergency and Critical Care information for all levels
- ✿ Advanced Practitioner, specialist level sessions offered
- ✿ Special lunchtime presentations
- ✿ Luxurious, upscale Mexican beach resort
- ✿ Excellent hotel value, includes breakfast for two, fitness center, many amenities
- ✿ Opportunities for networking with colleagues and speakers
- ✿ Perfect mix of fun, CE, and personal time
- ✿ Unlimited outdoor recreation and tours; manicured beachfront grounds, championship golf courses, surfing, diving, fishing, and more
- ✿ Perfect venue for relaxation – luxurious spa, breathtaking views from your hotel, beautiful lush hotel grounds
- ✿ 17 hours CE credit

VECCS is committed to offering members the highest quality CE at both IVECCS and our Spring Recreational CE event which will again be conducted in a spectacular location outside the continental United States. The Executive Board has negotiated these terrific arrangements for our members to enjoy the 2016 VECCS Spring Symposium at one of the most popular sun and fun venues!

This year’s symposia will be held at the Sheraton Hacienda del Mar Golf and Spa Resort on the Pacific coast, a breathtaking and luxurious destination resort property. Attendees can tour the Baja coastal region, shop and dine in nearby downtown Cabo San Lucas, or San Jose del Cabo; take ATV excursions, experience deep sea fishing or just relax in the sun on the beaches or at one of the five pools onsite.

If you have never joined us at a Spring CE meeting, you don’t know what you are missing! There will be plenty of time between lecture sessions to enjoy local attractions, network with colleagues or just “hang out.”

Two highly acclaimed speakers will be presenting a variety of topics of high interest to our EM/CC clinicians. The open discussion and attendee interaction are invaluable as well.

#### **FEATURED SPEAKERS:**

Linda Barter, BVSc, BSc(vet), MVSc, PhD, DACVAA

Lauren Sullivan, DVM, MS, DACVECC

#### **ADJUNCT SPEAKERS:**

Marie Kerl, DVM, DACVIM, DACVECC

***Be sure to register early since there is limited registration. Come join us!! Don’t miss this outstanding VECCS CE program.***

## SHERATON HACIENDA DEL MAR GOLF & SPA RESORT

The fun begins at any of the five unique pools that include a children's pool, a swim-up bar, and an infinity pool that seems to melt into the Sea of Cortez. Tortuga Beach beckons with activities ranging from beach volleyball to bonfires and seaside dinners. Treat yourself to some personal pampering at Cactus Spa, or keep up with your fitness routine in the state-of-the-art fitness center. The resort also offers daily activities that appeal to all age groups, from tequila tastings to Spanish lessons.

### CHECK-IN AND CHECKOUT

Check-in: 3:00 PM

Check-out: 12:00 PM

### PARKING

Complimentary self parking

### GOLF / FITNESS / SPA

Ocean Golf Course

Desert Golf Course

Sheraton Fitness Center

Cactus Spa (appointment required)

### ON-SITE RESTAURANTS

- Sports Bar:** Sip your favorite beverage while snacking on sushi at our colorfully decorated sports-themed gathering spot.
- De Cortez Grill and Restaurant:** Upscale dining with premium steaks, excellent wines, live entertainment, and outstanding views.
- Delfines Bar:** Shady swim-up bar with snacks, sandwiches, and frosty beverages.
- Bar La Suerte:** Tequila tastings, featuring selections from our menu of more than 100 different brands.
- Pitahayas Restaurant:** Fine dining experience filled with fine wine, delicious Pacific Rim cuisine, and live music on select nights.
- Girasoles de la Hacienda:** Authentic Mexican fare with fresh and appetizing options.
- Tomatoes Restaurant:** Mediterranean-inspired flavors, seasonal ingredients, and dazzling seaside views.
- Las Sirenas:** Serves small plates and beverages straight to your lounge chair.

### ACTIVITIES

Golfing, fishing, horseback riding, boating, shopping, dining, sunset cruise along the coastline, an ATV excursion, camel rides, or a canopy adventure, plus much more! History enthusiasts can explore attractions like the Museo de las Californias in Cabo San Lucas, the Iglesia de San Lucas and the local lighthouse—El Faro de Cabo Falso.

## FEATURED SPEAKERS

### LINDA BARTER, BVSC, BSC(VET), MVSC, PHD, DACVAA

Associate Professor Veterinary Anesthesiology  
University of California

Currently an Associate Professor of Veterinary Anesthesiology at the University of California, Davis. Following veterinary school and private practice in Australia, Linda moved to New Zealand where she continued her post-graduate training in anesthesia, dabbled in emergency medicine and obtained a Master of Veterinary Science. Another move took her to the University of California, Davis, where she completed a residency in Veterinary Anesthesia and Critical Patient Care and a PhD in physiology. She joined the faculty at UC Davis in 2008.

### LAUREN SULLIVAN, DVM, MS, DACVECC

Assistant Professor; Section Head Small Animal Emergency and Critical Care, James L. Voss Veterinary Medical Center, Colorado State University

Dr. Sullivan grew up outside of Washington DC and is a 2005 graduate of the Virginia-Maryland Regional College of Veterinary Medicine. Her advanced training includes rotating and specialty internships, as well as residency training at Colorado State University in small animal emergency/critical care medicine. Dr. Sullivan completed an MS degree in Clinical Sciences in 2010, where her research included hospital-acquired infection, disorders of lactate metabolism and tissue oxygenation/monitoring. She also enjoys research in canine parvovirus and fluid therapy. Dr. Sullivan currently teaches as an Assistant Professor at Colorado State University, where she serves as Section Head for the Small Animal Emergency and Critical Care service.

# SCIENTIFIC PROGRAM SCHEDULE

## THURSDAY, APRIL 14

### 8:00-8:50am (Sullivan) Early Goal Directed Therapy: Updates and Practices

Early goal directed therapy (EGDT) is a concept that has attracted a lot of attention (and recent criticism) within the emergency and ICU setting. Rapid establishment of resuscitation endpoints and the therapeutic interventions used to achieve those targets have been heavily debated and investigated. Objectives of this lecture include:

- Review initial concepts of EGDT according to the Rivers study and subsequent observational studies.
- Discuss various endpoints used in EGDT and utilize case examples to highlight how those endpoints may vary according to patient population.
- Discuss recent literature that may change future EGDT recommendations and therapeutic interventions.

CE Credit: 1 Hour

### 9:10-10:00am (Sullivan) Care Bundles in the ICU Setting

Care bundles, best described as groups of evidence-based practice interventions, help prevent medical care oversights in busy ICUs. These bundles organize multiple treatments into a single protocol. Various protocols have been developed to reduce ICU complications (i.e. those associated with mechanical ventilation, postoperative surgical site healing, and central line placement). Objectives of this lecture include:

- Provide background on the concept of care bundles and elements that should be included when developing a care bundle.
- Incorporation of a checklist-based philosophy when implementing bundle-based care within an ICU.
- Review literature of care bundles used in critically ill people and the effects of their implementation on outcome.
- Foster conversation around feasible care bundles in veterinary medicine and how such bundles could be systemically evaluated.

CE Credit: 1 Hour

### 10:30-12:30pm (Barter) Analgesia in the ER.. Why and How? Part 1 & 2

This 2-part session will discuss the difficulties of pain assessment in the emergent or ill patient and the challenges faced when trying to provide adequate analgesia. The pharmacology of currently available analgesics, in addition to what evidence we do or don't have on drug efficacy, side effects and interactions will be covered.

Learning objectives:

- Recognize pain in traumatized or critically ill patients.
- Explain the potential consequences of untreated pain.
- Understand the pharmacology of commonly used analgesic drug groups.

CE Credit: 2 Hours

### 12:45-1:45pm (Sullivan) Monitoring Tissue Perfusion and Oxygenation in Critically Ill Patients

**ADDITIONAL FEE REQUIRED - \$50 - LUNCH INCLUDED. Resident/specialist level but open to all who sign up!** Oxygen delivery and uptake by cells can be challenging to assess clinically, yet these processes are vital to organ function and overall outcome. Critical illness further complicates the clinical picture through alteration of oxygen uptake and utilization. Objectives of this lecture include:

- Review of the delivery, tissue uptake and cellular utilization of oxygen in health and illness.
- Describe global and regional markers of oxygen delivery that can be used in the clinical setting.
- Discuss technological advances that may help better assess tissue perfusion and oxygenation in critically ill patients.

CE Credit: 1 Hour

### 2:00-2:50pm (Sullivan) Fluid Overload in The Critically Ill: Consequences and Strategies

Fluid therapy is essential during both initial stabilization and ongoing hospitalization of critically ill patients. These patients may also present the unique challenge of impaired water excretion and/or inability to maintain water within the intravascular space, leading to fluid overload (FO). Objectives of this lecture include:

- Review the physiology associated with FO .
- Identify expected consequences of FO using a systems-based approach.
- Discuss evidence supporting FO in critically ill people and dogs.
- Include strategies for prevention of FO in the ICU setting.

CE Credit: 1 Hour

### 3:00-3:50pm (Sullivan) Massive Transfusion

The clinical management of massive hemorrhage has become a popular topic due to increased awareness of coagulopathy, an expanding array of transfusion products, controversy surrounding the delivery of blood products, complications associated with blood products and the use of cell salvage devices. Objectives of this lecture include:

- Defining massive transfusion in the clinical setting and outlining circumstances when massive transfusion may be required.
- Understanding complications associated with massive transfusion.
- Discussing autologous versus homologous transfusion techniques.

CE Credit: 1 Hour

### 4:10-5:00pm (Barter) Epidural Analgesia/Anesthesia

Epidural administration of drugs to produce anesthesia and /or analgesia can provide conditions suitable for invasive procedure and provide pain relief, however,

this approach is not without potential side effects. This session will discuss indications and contraindications for epidural anesthesia and analgesia in small animals in addition to reviewing anatomy, procedure and drug selection and dose.

Learning objectives:

- Understand indications, absolute and relative contraindications for epidural or subarachnoid drug administration
- Differentiate epidural anesthesia from analgesia and know which drugs to infuse
- Be able to formulate an appropriate epidural drug protocol for an individual patient.

CE Credit: 1 Hour

### 6:30 PM WELCOME RECEPTION

FOOD AND DRINK PROVIDED POOLSIDE. BE THERE!

## FRIDAY, APRIL 15

### 8:00-8:50am (Barter) Intraoperative Fluid Rates: What's the Going Rate?

Intraoperative fluids are used to maintain perfusion in anesthetized patients but over-hydration has severe consequences. In human medicine intraoperative fluid therapy has shifted from a generous recipe based approach to a goal directed individualized plan. This session will discuss the consequences of over-hydration, address rational maintenance rates and cover the indices used for goal directed fluid therapy and their use in veterinary patients.

Learning objectives:

- Identify consequences of over-hydration in the perioperative patient.
- Understand the most common indices used for goal directed fluid therapy.
- Know how to design an individualized intraoperative fluid plan.

CE Credit: 1 Hour

### 9:10-9:20am (Sullivan) VetTalks: Vascular Access - Optimizing Success

Administration of fluids and drugs using venous access is a cornerstone of emergency and critical care medicine. Patient populations within these disciplines can make vascular access challenging for numerous reasons, including patient size and cardiovascular/respiratory stability. Objectives of this lecture include:

- Describe anatomic locations for vascular access and pros/cons of each location.
- Demonstrate the use of ultrasound to quickly identify vessels for venous access.
- Review the vascular cut-down procedure and use of an intraosseous drill, via technique description and videography.

CE Credit: .5 Hour

### 9:30-11:00am - VetTalks TBD

CE Credit: 1.5 Hours

### 11:30am-12:20pm (Sullivan) Canine Parvovirus

Canine parvovirus (CPV) is a serious etiology of gastrointestinal signs and sepsis in unvaccinated puppies. Although identification and treatment of CPV may be viewed as simplistic, overall outcome is influenced through complex pathophysiological processes and various treatment options. Objectives of this lecture include:

- Review more advanced pathophysiology associated with CPV and its effect on various organ systems.
- Highlight therapeutic interventions that may enhance the recovery of dogs with CPV.
- Discuss an evidence-based outpatient treatment protocol and its use in circumstances of financial constraints.

CE Credit: 1 Hour

### 12:45-1:45pm (Barter) Gas Exchange in the Awake and Anesthetized Patient

**ADDITIONAL FEE REQUIRED - \$50 - LUNCH INCLUDED. Resident/specialist level but open to all who sign up!** This session will briefly discuss gas exchange in the awake patient and then attach them to an anesthetic machine, track the gas from the gas source to the tissues and re-evaluate gas exchange.

Learning objective:

- Understand the principles of gas exchange.
- Describe the second gas effect.
- Describe the factors influencing rate of rise of alveolar anesthetic concentration.

Describe the effects of anesthesia on pulmonary gas exchange.

CE Credit: 1 Hour

## SATURDAY, APRIL 16

NO LECTURES...HAVE FUN!!

## SUNDAY, APRIL 17

### 8-8:50am (Kerl) Journal Club

CE Credit: 1 Hour

### 9:10-10:00am (Barter) Top 10 Misconceptions in Anesthesia

Myths and misconceptions are common in veterinary anesthesia. Some stem from misapplied truths or outdated information, whilst others are convenient, or inconvenient, excuses. This session will discuss some of these misconceptions and present what is currently known about the topic.

Learning outcomes:

- Be able to discuss the truth behind common misconceptions in veterinary anesthesia to colleagues and clients.

CE Credit: 1 Hour

### 10:30am-12:30pm (Barter, et al) Case based panel discussion and other sundry topics

CE Credit: 2 Hours

## SCIENTIFIC PROGRAM

Must be a VECCS Member in good standing to register for the Scientific Program. **If you are a current member for 2016, you will need to renew your membership for 2016 when submitting your registration form.** New members are welcome and may join at this time to be eligible. See attached Registration Form (Part B) for details. Note the early registration deadline of December 31, 2015. Complete and return the Registration Form as soon as possible to secure your registration. The Scientific Program is limited to approximately 175 attendees. NOTE: Companion badges do NOT allow entry to scientific sessions. Daily refreshment breaks will be provided.

## REGISTRATION CANCELLATION POLICY

There are specific cancellation fees for the Scientific Program.

- On/Before December 31, 2015 - \$50 Fee
- January 1, 2016 - February 23, 2016 - \$100 Fee
- After February 23, 2016 - No Refund

## TRAVEL RESERVATIONS

An airline request form is included in this brochure (see registration form) and we encourage booking your airline through our Meeting Planner. They will make every effort to obtain the least expensive and most convenient method of travel for you. San Jose Del Cabo International Airport (SJD) is the closest to the hotel.

## TRANSPORT

Hotel is 20 miles from the airport. Transfer shuttle round trip airport/hotel is approximately \$38 per person. Please go to [www.2016springce.iveccs.org](http://www.2016springce.iveccs.org) to schedule your transfer online.

## WELCOME RECEPTION

Welcome Reception Thursday night. Will include the traditional VECCS reception with generous food and beverage available and entertainment provided. A must attend!

## IMPORTANT CONTACTS

VECCS Office/Registration Information  
(800) 948-3227 OR (210) 698-5575;  
(210) 698-7138 fax  
[info@veccs.org](mailto:info@veccs.org); [www.veccs.org](http://www.veccs.org)

Air/Car Rental/Hotel:  
210-872-9642  
[meetings@veccs.org](mailto:meetings@veccs.org)

## HOTEL RESERVATIONS



Make your reservations at the Sheraton Hacienda del Mar Golf & Spa Resort online at [www.2016springce.iveccs.org](http://www.2016springce.iveccs.org). Click on the "Hotel & Travel" tab.

### Room Rate: Deluxe Run of House \$238.00/per night (single/double)

- Special VECCS Group room rates are valid April 11-20, 2016.
- Reservations must be made by March 10, 2016, to take advantage of Group Rate. Reservations made after this date or any reservations not utilizing the VECCS room block will be subject to a \$175 fee (see explanation below).
- Two Nights room deposit due at the time of booking.
- Cancellation policy is 45 days prior to arrival.
- All rates are room only – tax rate is 19%.

### INCLUDES:

- Complimentary use of the Fitness Center
- Complimentary Parking
- Complimentary WIFI Internet Access
- Full American Buffet Breakfast, two per room

Please note that a baggage fee and maid service will not be charged at the time of booking but will be added at check-out per hotel policy. If you book outside the meeting room block, you will not have access to the buffet breakfast or WIFI.

If you are unable to book a particular room type, requested dates, or want dates outside our block, please contact Sandra at [meetings@veccs.org](mailto:meetings@veccs.org).

**ADDITIONAL FEE** (If booking outside the VECCS Room Block): An additional fee of \$175.00 will be charged for those registrations NOT STAYING in the Sheraton room block. To receive the rates and inclusions above, reservations must be made through link on the Spring Symposium website. The \$175 additional fee is due to the fact, as with most all other conferences, in order to achieve a discounted rate for our registrants and preferred rates for meeting space, we must guarantee a specified number of rooms will be booked at the hotel. If this room block is not filled, VECCS is contractually obligated to pay the hotel the difference and pay additional meeting room charges.

# VECCS 2016 SPRING SYMPOSIUM REGISTRATION FORM

Please type or print clearly. Use one form per registrant. Be sure to fill out this form completely. Total the amount for each part, enter the totals in the summary box and indicate your payment method. Enclose payment and mail or fax to address below.

## PART A PROGRAM REGISTRATION

REGISTRATION CATEGORY	ON OR BEFORE 12/31/15	BETWEEN 1/1/16 & 2/23/16	AFTER 2/23/16
<input type="checkbox"/> Veterinarians (MD, RN, Etc)	\$495	\$575	\$650
<input type="checkbox"/> Techs, Interns, Residents	\$425	\$480	\$540
Registration Cancellation Fees	\$50	\$100	No Refund

T-SHIRT SIZE:  SMALL  MEDIUM  LARGE  XLARGE  XXLARGE

VECCS Member ID# \_\_\_\_\_

(Complete Part B if you are not a current VECCS member or are renewing)

Dr/Mr/Mrs First Name Last name (CVT, RVT, RN, etc.) \_\_\_\_\_

Practice Name \_\_\_\_\_

Address \_\_\_\_\_

City State Zip \_\_\_\_\_

Country \_\_\_\_\_

Daytime Phone \_\_\_\_\_

Email \_\_\_\_\_

## PART B VECCS MEMBERSHIP

To be eligible to register for the VECCS 2016 Spring Symposium you **must be a member in good standing** for the 2016 membership year. Please complete for new or renewing membership. **Your membership will extend from January 1 to December 31, 2016** (membership is not prorated).

Each category has the option of receiving a **hard copy** of the Journal or **online access only** (hard copy membership option will also have access to online Journal).

NEW MEMBER  RENEWAL (include membership ID# above)

<b>U.S. &amp; CANADA</b>	<u>ONLINE ONLY</u>	<u>HARD COPY &amp; ONLINE</u>
VETERINARIAN	<input type="checkbox"/> \$155	<input type="checkbox"/> \$185
INTERN/RESIDENT	<input type="checkbox"/> \$80	<input type="checkbox"/> \$95
TECHNICIAN	<input type="checkbox"/> \$70	<input type="checkbox"/> \$85
STUDENT	<input type="checkbox"/> \$50	<input type="checkbox"/> \$60
MANAGER/ADMIN	<input type="checkbox"/> \$70	<input type="checkbox"/> \$85

<b>INTERNATIONAL</b>	<u>ONLINE ONLY</u>	<u>HARD COPY &amp; ONLINE</u>
VETERINARIAN	<input type="checkbox"/> \$165	<input type="checkbox"/> \$200
INTERN/RESIDENT	<input type="checkbox"/> \$85	<input type="checkbox"/> \$105
TECHNICIAN	<input type="checkbox"/> \$75	<input type="checkbox"/> \$90
STUDENT	<input type="checkbox"/> \$55	<input type="checkbox"/> \$70
MANAGER/ADMIN	<input type="checkbox"/> \$75	<input type="checkbox"/> \$90

<b>JOINT VECCS/EVECCS</b>	<u>ONLINE ONLY</u>	<u>HARD COPY &amp; ONLINE</u>
VETERINARIAN	<input type="checkbox"/> \$210	<input type="checkbox"/> \$220
INTERN/RESIDENT	<input type="checkbox"/> \$130	<input type="checkbox"/> \$145
MANAGER	<input type="checkbox"/> \$130	<input type="checkbox"/> \$145
TECHNICIAN	<input type="checkbox"/> \$120	<input type="checkbox"/> \$135
STUDENT	<input type="checkbox"/> \$100	<input type="checkbox"/> \$110

## PART C LUNCH SPECIAL SESSIONS

- \$50 THURSDAY - Monitoring Tissue Perfusion and Oxygenation in Critically Ill Patients
- \$50 FRIDAY - Gas Exchange in the Awake and Anesthetized Patient

## PART D COMPANION BADGES

A Badge is required for each person 12 years or older to attend all social functions and to enter the Exhibit Hall. Companion badges are NOT valid for scientific program.

Number of badges: \_\_\_\_\_ X \$75/Adult = \$ \_\_\_\_\_  
 \_\_\_\_\_ X \$30/Child = \$ \_\_\_\_\_

Companion 1: \_\_\_\_\_

Companion 2: \_\_\_\_\_

Companion 3: \_\_\_\_\_

## SUMMARY PAYMENT INFORMATION

Part A: Scientific Program Registration \$ \_\_\_\_\_

Part B: VECCS Membership \$ \_\_\_\_\_

Part C: Lunch Special Sessions - \$50/ea \$ \_\_\_\_\_

Part D: Companion Badge(s) \$ \_\_\_\_\_

Additional Fee - \$175 \$ \_\_\_\_\_  
 (Include if you are NOT staying at host hotel)

**TOTAL FEES** \$ \_\_\_\_\_

Check # \_\_\_\_\_ (Make checks payable in US funds to VECCS)

Visa  Mastercard  American Express  Discover

Card Number: \_\_\_\_\_

Exp Date: \_\_\_\_\_ / \_\_\_\_\_ 3/4 Digit Security Code: \_\_\_\_\_

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

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

## AIRLINE AND RENTAL CAR RESERVATIONS

Our Meeting Planner has contracted for this meeting with UNITED and several TOUR COMPANIES. Please complete this Travel Request and return with your registration form. **You will be contacted with proposed itinerary.**

Passenger Name 1 \_\_\_\_\_

Passenger Name 2 \_\_\_\_\_

Passenger Name 3 \_\_\_\_\_

Passenger Name 4 \_\_\_\_\_

Preference:  Window  Aisle

(departure city) \_\_\_\_\_

(departure date) \_\_\_\_\_ (return date) \_\_\_\_\_

Frequent Flyer Airline \_\_\_\_\_ FF #: \_\_\_\_\_

Note: Credit Card authorization or check payments must be received before reservations and airfare can be secured. All airfare payments are subject to airline cancellation fees.

Rental car information requested for the following:

Car  Van  4-wheel drive

**Tour companies offer Air & Car packages. Please call for a quote at 210-872-9642 or email meetings@veccs.org.**

### MAIL FORM WITH PAYMENT TO:

VECCS Cabo San Lucas, 6335 Camp Bullis Rd. #12,

San Antonio, TX 78257 • Fax to: 210-698-7138

Register Online: [www.2016springce.iveccs.org](http://www.2016springce.iveccs.org)

VECCS ADMINISTRATIVE OFFICE  
6335 Camp Bullis Road, #12  
San Antonio, Texas 78257

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COME AND BRING A FRIEND!



This program has been submitted to the AAVSB RACE program for continuing education. Please contact the AAVSB RACE program at [race@aavsb.org](mailto:race@aavsb.org) should you have any comments/concerns regarding this program's validity or relevancy to the veterinary profession. RACE Provider 933.