

INTENSIVE LEARNING INNOVATIVE PEER ENGAGEMENT PRACTICAL SOLUTIONS

**SKI-CE** |

**14 EXCEPTIONAL CE HOURS!**

**January 28-31, 2018**

Vail Marriott Mountain Resort

Vail, CO

**CVMA**  
Colorado Veterinary  
Medical Association

**CHRONIC KIDNEY AND URINARY TRACT DISEASES:**

*A Re-evaluation of What We Know and What's New*  
Greg Grauer, DVM, MS, DACVIM



# SKI-CE

A time-honored winter tradition for over 40 years!

At SkiCE, you can count on a learning experience that is second to none. With 14 hours of education provided in the early morning and later in the afternoon, there will be plenty of time in between to hit the slopes, play in the snow, or just enjoy some free time.

Make this program your yearly tradition. **An exceptional combination of world-class education and unbeatable winter fun awaits you at SkiCE 2018!**

**REGISTER EARLY FOR BEST PRICING AND SAVE \$100!**

CVMA presents exceptional learning experiences through unbiased continuing education programs for veterinarians. For information about membership and other CE opportunities, visit our website at [www.colovma.org](http://www.colovma.org).



### SPONSORED BY



### IN ASSOCIATION WITH AAHA

The American Animal Hospital Association is proud to collaborate with CVMA on this exceptional education and recreational opportunity. All AAHA members may participate and receive the CVMA discounted registration rate.



### AAHA AND CVMA MEMBERS...

Don't miss the joint CVMA/AAHA Reception on Sunday evening, January 28. RSVP during online registration or on the Registration Form on page 7.

## WORLD-CLASS EDUCATION

### CHRONIC KIDNEY AND URINARY TRACT DISEASES:

A Re-evaluation of What We Know and What's New  
*Greg Grauer, DVM, MS, DACVIM*

Join us for **14 hours of CE over four days** as Dr. Grauer takes us through case studies, interactive discussions, and the latest updates in chronic kidney and urinary tract diseases.

### Schedule-At-A-Glance

#### SUNDAY 1.28.18

1:00-1:45 PM	Registration
1:45-6:00 PM	Welcome/Education
6:00 PM	CVMA/AAHA Reception <i>(ticketed event)</i>

#### MONDAY 1.29.18

6:30-7:00 AM	Breakfast
7:00-9:00 AM	Education
9:00 AM-4:00 PM	HIT THE SLOPES!
4:00-6:00 PM	Education

#### TUESDAY 1.30.18

6:30-7:00 AM	Breakfast
7:00-9:00 AM	Education
9:00 AM-4:00 PM	HIT THE SLOPES!
4:00-6:00 PM	Education

#### WEDNESDAY 1.31.18

6:30-7:00 AM	Breakfast
7:00-9:00 AM	Education



## UNBEATABLE WINTER FUN

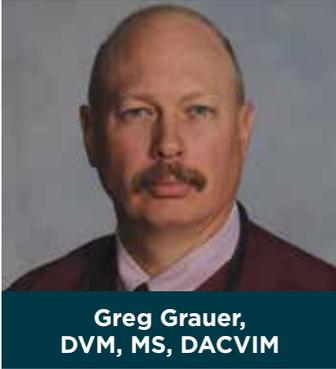
### Back by popular demand - SkiCE returns to Vail!

Join your colleagues from across the nation for not only great CE, but the ultimate in winter vacation destinations.

Coveted as one of the largest ski resorts in the world, Vail has been an extraordinary winter vacation destination for passionate skiers and snowboarders for more than 50 years. With more than 5,200 acres of developed ski and snowboard terrain, including seven legendary Back Bowls spanning seven miles, Vail boasts a great mix of locals and guests from around the world.

SkiCE's host hotel, Vail Marriott Mountain Resort, is located near the base of Vail Mountain and the Eagle Bahn Gondola. Great hotel rates have been established for SkiCE attendees - book yours quickly before they are all reserved and enjoy the convenience of staying at the host hotel with world class skiing just steps away!

With great winter activities, a vibrant pedestrian village, and a diverse and exciting culinary scene, there is something to be enjoyed by all. Bring your family and experience all that the Rocky Mountains have to offer in beautiful Vail, Colorado!



**ABOUT THE SPEAKER**

Dr. Greg Grauer received his DVM degree from Iowa State University and completed his postgraduate training at Colorado State University. Dr. Grauer served on the faculty at the School of Veterinary Medicine, University of Wisconsin for seven years and then returned to the Department of Clinical Sciences at Colorado State University where he was Professor and Section Chief of Small Animal Medicine until 2000.

Currently, Dr. Grauer is a Professor and the Jarvis Chair of Small Animal Internal Medicine in the Department of Clinical Sciences at the College of Veterinary Medicine, Kansas State University.

**SUNDAY, JANUARY 28**

**2:00-6:00 PM**

**Small Animal Urinary Tract Case Discussions**

Canine and feline cases with upper and lower urinary tract disease problems will be presented and diagnostic approaches to patients will be emphasized through discussions that involve differential diagnoses, further tests to confirm the diagnosis, and patient management.

Become more familiar to the approach and diagnosis of patients with:

- Azotemia
- Polydipsia/Polyuria
- Proteinuria
- Pollakiuria, Dysuria, Stranguria, and Hematuria
- Urine retention and urine leakage

**MONDAY, JANUARY 29**

**7:00-9:00 AM**

**Reassessment of “Normal Values” in CKD Patients to Enhance Early Diagnosis**

Early diagnosis of CKD may be associated with improved patient outcomes. Use of longitudinal clinicopathologic data to detect trends – even within the normal range – will facilitate early diagnosis. Diagnostic criteria for IRIS Stage 1 and early Stage 2 CKD will be emphasized.

Gain a better understanding of how to use serum creatinine, SDMA, and urine protein/creatinine ratio to diagnose early CKD in dogs and cats.



**4:00-6:00 PM**

**Staging and Management of CKD**

Use of the IRIS Staging system for canine and feline CKD allows the clinician to better tailor further diagnostics and management strategies to individual patients and better prognosticate. Two cats with different stages of CKD will be compared and contrasted.

Learn how to:

- Diagnose and correct primary renal diseases as well as diseases that can complicate CKD
- Employ “renoprotective” strategies
- Manage patient problems associated with declining renal function

## TUESDAY, JANUARY 30

7:00-9:00 AM

**Importance of Hypertension and Proteinuria in CKD  
ACEi and CKD: The Good, Bad, and Ugly**

Hypertension and proteinuria are common complications in dogs and cats with CKD and both may be associated with progression of CKD. ACEi are often the first line of defense for proteinuria in dogs and cats and hypertension in dogs. Angiotensin receptor blockers (ARBs) are a second line of defense that are gaining traction in veterinary medicine.

Better understand:

- The importance of diagnosis and treatment of hypertension and proteinuria in the context of CKD
- How to use ACEi in CKD patients
- Potential adverse events associated with renin angiotensin aldosterone blockade



4:00-6:00 PM

**Cats, Calcium, and Kidneys  
Hyperthyroidism: A View from the Urinary Tract**

Idiopathic hypercalcemia is the most common cause of hypercalcemia in cats and hyperthyroidism is the most common endocrinopathy in older cats. A hypercalcemic case presentation will be used to demonstrate the approach and treatment of cats with hypercalcemia. It's well known that hyperthyroidism can artificially increase renal excretory function, but less well known that hyperthyroidism and iatrogenic hypothyroidism can damage the kidneys and decrease renal function.

Become familiar with:

- The "SHIRT" approach to cats with hypercalcemia
- Whether or not the development of post-treatment azotemia is important in hyperthyroid cats
- How to diagnose and treat iatrogenic hypothyroidism

## WEDNESDAY, JANUARY 31

7:00-9:00 AM

**Use of NSAIDs in Dogs with Liver and Kidney Disease  
Disorders of Urine Retention and Urine Leakage**

A case-based approach will stimulate discussion about the use of NSAIDs for osteoarthritis pain in dogs with liver and kidney disease. A simplified approach to big-bladder/little-bladder dogs and cats with urine retention and urine leakage will be presented.

Learn:

- When NSAIDs can be used in dogs with elevated liver enzymes
- When NSAIDs can be used in dogs with CKD
- How to diagnose and treat increased and decreased detrusor contractility and increased and decreased urinary outflow resistance

## VENUE AND LODGING RATES

### Vail Marriott Mountain Resort

715 West Lionshead Circle | Vail, CO 81657  
970.476.4444 | 1.877.622.3140

### Room Rate

CVMA has secured room rates starting at **\$389 per night plus tax** for a standard room. Rate will be honored three days prior to and after the conference based on availability. Optional resort fee, which includes ski valet and ski/boot storage, can be added at check-in for \$35/night. Please inquire with the hotel for additional resort fee inclusions.

### Hotel Reservations

CVMA rate **available until January 7, 2018** or until sold out. Ask for the Colorado Veterinary Medical Association group rate when calling, or visit [www.colovma.org/skice](http://www.colovma.org/skice) for online booking link.

### Deposit & Cancellation Policy

Credit card required at time of booking. **Full, nonrefundable payment for all nights reserved will be billed on January 7, 2018. No refunds for cancellations after this date.** All no-shows will forfeit the full payment. Any early departures will forfeit payment for remaining nights reserved. For any additional questions, please contact the hotel.

### Parking

Valet parking for hotel guests and conference attendees will be offered at a discounted rate of \$30/day. Please identify yourself with CVMA to receive the discounted rate.

## TRANSPORTATION

### Air

Vail Marriott Mountain Resort is serviced by two area airports:

- **Denver International Airport (DEN).** Hotel is located 120 miles west of Denver.
- **Eagle County/Vail Regional Airport (EGE).** Hotel is located 34 miles east of this airport.

### Ground

**Colorado Mountain Express (CME)** offers shuttle service to and from the Vail Marriott Mountain Resort and DEN or EGE. Call 800.525.6363 for 24-hour reservations and current rates, or visit them online at [www.ridecme.com](http://www.ridecme.com). Advance reservations are required.

### Driving Directions

From Denver Metro/Front Range area and Denver International Airport:

- Take I-70 west to Exit 176 Vail Village.
- Follow the first roundabout under the bridge, then follow the signs going towards Lionshead.
- Turn right on South Frontage Road.
- Turn left onto West Lionshead Circle. Resort will be on your right.

## CVMA/AAHA RECEPTION

Sunday 6:00-7:00 PM

Reconnect with friends and meet new colleagues while enjoying light hors d'oeuvres and beverages before you head out for dinner. **THIS IS A TICKETED EVENT — Please RSVP during online registration or on your registration form.** Each confirmed attendee and guest will receive two complimentary drink tickets in their registration packet. Cash bar provided for additional beverage requests and late/onsite attendance requests (pending space availability).

## LIFT TICKETS AND MOUNTAIN ACTIVITIES

**Overland & Express Travel** is available once again to help you plan all of your mountain activities: ground transportation, lift tickets, equipment rentals, snowmobiling, restaurant recommendations and so much more! **Contact Kim Hood with Overland and Express Travel at 970.331.9521 or [kim@traveloe.com](mailto:kim@traveloe.com).**

*\* Please note that payment for discounted lift tickets will be due on-site with lift ticket pickup at the SkiCE conference registration desk.*

## REGISTRATION

Registration rates are based on your CVMA membership level and include admittance to all education sessions, speaker handouts and notes, Welcome Reception (including your guest; RSVP required), breakfast, and refreshment breaks. **Register by November 27, 2017 and Save \$100!**

Choose from the below Registration Options:



**Online:** Visit [www.colovma.org/skice](http://www.colovma.org/skice). CVMA members, please log in to receive maximum discounts.



**Registration Form:** Complete form on next page and

- **Email** – send completed registration form to [SamanthaHoyt@colovma.org](mailto:SamanthaHoyt@colovma.org)
- **Fax** – 303.318.0450 or 303.318.0449
- **Mail** – CVMA, 191 Yuma St., Denver, CO 80223

A confirmation of your registration will be emailed to you. Please check your confirmation carefully and advise CVMA staff immediately of any changes and/or discrepancies.

**Onsite registrations** will be accommodated on a space availability basis, but cannot be guaranteed.

**Cancellations** must be submitted in writing and received by CVMA by **January 5, 2018** to receive a full refund minus a \$50 processing fee. No refunds for cancellations received after this date or for no-shows.

## QUESTIONS?

Please contact us at 303.318.0447 or 800.228.5429

For fast and accurate service, please use black ink and print legibly!

Registrant Name  DVM  VMD  CVT  Other \_\_\_\_\_ Guest Name (must be non-veterinarian/non-veterinary technician) \_\_\_\_\_

Hospital / Clinic \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Work / Mobile Phone \_\_\_\_\_

Email Address \_\_\_\_\_

I am a first time attendee:  Yes  No: # of times attended \_\_\_\_\_

Registration rates are based on CVMA membership level. CVMA members, please log in at [www.colovma.org](http://www.colovma.org) when registering online to receive your maximum discounts.

Registration Fees	By 11/27/2017	After 11/27/2017	Registration Total
CVMA Member Premium	\$505	\$605	
CVMA Member Premium (with discount coupon)*	\$405	\$505	
CVMA Member Core	\$529	\$629	
CVMA Member Basic	\$580	\$680	
AAHA Member	\$529	\$629	
Non-Member	\$729	\$829	
Technician / Students	\$279	\$379	
		<b>TOTAL</b>	<b>\$</b>

\* **Premium members** who wish to use their \$100 discount coupon must mail registration form along with their discount coupon to CVMA, or register online and enter your discount coupon's promo code during checkout. Promo code is printed on the lower right hand corner of coupon.

CVMA/AAHA Welcome Reception Sunday, January 28 - 6:00 PM	Yes, I will attend	No, I won't attend	Total
Paid attendee			
Guest ticket			
		<b>TOTAL TICKETS</b>	

**Please note:**

- Breakfasts and afternoon breaks are provided for paid registrants only. Guests are **not** included.
- Guest and children are not allowed in classroom.
- Dietary restriction? \_\_\_\_\_

**Payment Information**  Check enclosed (payable to CVMA) **OR** Charge my  Visa  MasterCard  Discover  AmEx

Card Number \_\_\_\_\_ Exp Date \_\_\_\_\_ Security Code \_\_\_\_\_

Full Billing Address for Card \_\_\_\_\_ City/State/Zip \_\_\_\_\_

Name As It Appears on Card \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

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**Questions?** Contact us at 303.318.0447 or 800.228.5429

**CVMA**  
Colorado Veterinary  
Medical Association

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Denver, CO 80223

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**Chronic Kidney and Urinary Tract Diseases:**

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