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| 8:00 am - 9:00 am | Diagnosis of Hyperthyroidism: A Critical Evaluation of our Current Available Tests  
  Speaker: Mark E. Peterson, DVM, DACVIM (SAIM)  
  Learning Objectives:  
  1. To recognize that hyperthyroidism has become a more difficult disease to accurately diagnosis, since many cats now present with preclinical or mild forms of the disease.  
  2. To select the best tests to diagnose feline hyperthyroidism, including early/mild hyperthyroidism or hyperthyroidism with concurrent non-thyroidal illness.  
  3. To select the best tests to distinguish hyperthyroidism from other nonthyroidal diseases that mimic hyperthyroid disease, thus avoiding a false-positive diagnosis. |
| 9:00 am - 10:00 am | Feline Hypothyroidism: Current Aspects on Prevalence, Diagnosis and Treatment  
  Speaker: Mark E. Peterson, DVM, DACVIM (SAIM)  
  Learning Objectives:  
  1. To recognize that hypothyroidism has become a commonly recognized disorder in cats and understand some of the reasons why.  
  2. To review the clinical features of naturally-occurring and iatrogenic hypothyroidism in cats.  
  3. To select the best thyroid function tests to confidently diagnose feline hypothyroidism, including both overt and subclinical forms of the disorder. |
| 10:20 am - 11:20 am | Clinical Aspects of Hypothyroidism - Diagnosis and Monitoring  
  Speakers: Deborah Greco, DVM, PhD, DACVIM (SAIM); Peter Kintzer, DVM, DACVIM (SAIM)  
  Learning Objectives: Participants will discuss challenges in the diagnosis and management of canine hypothyroidism. |
| 12:20 pm | Treatment of Canine Hyperadrenocorticism  
  Speaker: Edward C. Feldman, DVM, DACVIM (SAIM)  
  Learning Objectives:  
  1. Use of Sensitivity vs. Specificity vs. personal prejudice in test selection.  
  2. Review the various tests used in "confirming" a diagnosis.  
  3. Which dogs should be treated for this condition? |
| 2:00 pm - 3:00 pm | Atypical Cushing's Disease: Is it Really Atypical?  
  Speaker: Rhett Nichols, DVM, DACVIM (SAIM)  
  Learning Objectives: The concept of atypical Cushing's disease introduced over a decade ago was met with a heavy dose of skepticism. Recent evidence suggests that this disorder may be a common variant of "typical" or classic Cushing's syndrome. Participants will learn about the underlying pathophysiology, diagnosis, and other likely candidates for this disorder, and current treatment strategies. |
| 4:20 pm - 5:20 pm | Panel Discussion: Adrenal  
  Speakers: Edward C. Feldman, DVM, DACVIM (SAIM); Chen Gilor, DVM, PhD, DACVIM (SAIM); Deborah Greco, DVM, PhD, DACVIM (SAIM); Peter Kintzer, DVM, DACVIM (SAIM); Rhett Nichols, DVM, DACVIM (SAIM); Mark E. Peterson, DVM, DACVIM (SAIM); Stijn Niessen, DVM, PhD, DECVIM, MRCVS  
  Learning Objectives:  
  1. As background: what we learned from decades of using mitotane.  
  2. Assess concepts regarding dose and frequency of trilostane administration.  
  3. Discuss current concepts on monitoring trilostane therapy.  
  4. Is trilostane the “drug of choice”? |
| 5:30 pm - 6:30 pm | WELCOME RECEPTION |

(Continued)
**ACVM SAIM Endocrinology Course**  
March 13-15, 2015 - Las Vegas, NV

**SPONSORED BY:**

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<th>Saturday, March 14, 2015</th>
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| **Classification of Diabetes: Type 1, Type 2, and … Does it Matter?”**  
Speaker: Chen Gilor, DVM, PhD, DACVIM (SAIM)  
Learning Objectives: To review the classification of diabetes mellitus in people (type 1, 2, 3 and others) and the evidence for application of this classification system in cats and dogs. The significance of type classification in the clinic and in clinical research will be discussed. | 1 |
| **Canine Diabetes**  
Speaker: Stijn Niessen, DVM, PhD, DECVIM, MRCVS | 1 |
| 9:00 am - 9:20 am | **Understanding Insulin Therapy**  
Speaker: Chen Gilor, DVM, PhD, DACVIM (SAIM)  
Learning Objectives: Review the pharmacology of traditional insulin formulations (NPH, Lente, PZI) and novel synthetic insulin analogs (glargine, detemir and degludec). The effect of insulin formulation choices on the management and monitoring strategies of the diabetic cat and dog will be discussed. | 1 |
| 10:00 am - 10:20 am | **Monitoring Diabetes**  
Speaker: Stijn Niessen, DVM, PhD, DECVIM, MRCVS  
Learning Objectives: This lecture aims to provide an overview of the advantages and disadvantages of various monitoring tools in feline and canine diabetes mellitus. | 1 |
| 10:30 am - 12:00 pm | **LUNCH**  
**Diabetic Remission in Cats**  
Speaker: Stijn Niessen, DVM, PhD, DECVIM, MRCVS  
Learning Objectives: This lecture aims to have a critical look at all recent developments surrounding feline diabetic remission and will try to separate what we don't know (yet) from what we do know. This way we will hopefully be able to have a confident discussion with diabetic cat owners and convince them to participate in an evidence-based safe and effective diabetic management protocol adapted to the specific cat-owner combination. | 1 |
| 12:20 pm - 2:00 pm | **GLP-1 Based Treatments for Feline Diabetes**  
Speaker: Chen Gilor, DVM, PhD, DACVIM (SAIM)  
Learning Objectives: GLP-1 analogs are revolutionizing the field of human diabetes. In this session, participants will briefly discuss background physiology of the incretin system (GLP-1 and GIP) and the pharmacology and use of GLP-1 analogs in people. Also reviewed will be up-to-date research data on GLP-1 analogs in cats. | 1 |
| 2:30 pm - 3:30 pm | **Acromegaly**  
Speaker: Stijn Niessen, DVM, PhD, DECVIM, MRCVS  
Learning Objectives: In light of recent research demonstrating that many diabetic cats in fact are suffering from secondary diabetes due to hypersonatropism or acromegaly, this lecture on feline acromegaly will aim to provide an update on presentation, diagnosis and treatment options, with complete and permanent diabetic remission being the ultimate reward of understanding the disease well. | 1 |
| 3:30 pm - 5:30 pm | **Panel Discussion: Diabetes**  
Speakers: Edward C. Feldman, DVM, DACVIM (SAIM); Chen Gilor, DVM, PhD, DACVIM (SAIM); Deborah Greco, DVM, PhD, DACVIM (SAIM); Peter Kintzer, DVM, DACVIM (SAIM); Stijn Niessen, DVM, PhD, DECVIM, MRCVS  
Learning Objectives: This lecture aims to update veterinarians with a high canine diabetic caseload on the latest developments in the understanding and treatment of canine diabetes mellitus. | 1 |
| 4:30 pm - 5:30 pm | (Continued) |
## Sunday, March 15, 2015

### Hypercalcemia, Primary Hyperparathyroidism (PHPTH)

**Speaker:** Edward C. Feldman, DVM, DACVIM (SAIM)

**Learning Objectives:**
1. Differential diagnosis, briefly discussed, emphasizing unique features of PHPTH.
2. What are the clinical, laboratory, and imaging features of PHPTH.
3. Treatment options and results vs. not treating.
4. Incidentalomas identified while evaluating hypercalcemia, now what?

#### 8:00 am - 9:00 am

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### Hypoadrenocorticism Update

**Speakers:** Deborah Greco, DVM, PhD, DACVIM (SAIM); Peter Kintzer, DVM, DACVIM (SAIM)

**Learning Objectives:** Participants will discuss clinical aspects and recent advances in hypoadrenocorticism.

#### 9:00 am - 10:00 am

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### Primary Hyperaldosteronism in the Cat: Diagnosis and Treatment

**Speaker:** Rhett Nichols, DVM, DACVIM (SAIM)

**Learning Objectives:** Hyperaldosteronism can be divided into two categories; one with low renin activity and the other with high renin activity. Differentiating between the two is important, as this determines treatment. Participants will discuss the pros and cons of specific screening tests for primary hyperaldosteronism, such as the plasma aldosterone-to-renin ratio, the urine aldosterone-to-creatinine ratio, and the fludrocortisone suppression test.

#### 10:20 am - 11:20 am

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### Wrap-up Panel Discussion

**Speakers:** Edward C. Feldman, DVM, DACVIM (SAIM); Chen Gilor, DVM, PhD, DACVIM (SAIM); Deborah Greco, DVM, PhD, DACVIM (SAIM); Peter Kintzer, DVM, DACVIM (SAIM); Rhett Nichols, DVM, DACVIM (SAIM); Mark E. Peterson, DVM, DACVIM (SAIM); Stijn Nissen, DVM, PhD, DECVIM, MRCVS

#### 12:20 pm

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### COURSE CONCLUDES

**MAXIMUM NUMBER OF CE HOURS ONE PARTICIPANT CAN RECEIVE**

| 20 |