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<td>Case Based Internal Medicine - Nephrology, Endocrinology</td>
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<td>Case Based Internal Medicine - Infectious Diseases and Basic Neurology</td>
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<td>Oncology I</td>
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<td>Diagnostic Ultrasound II</td>
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<td>Ultrasonography - Introduction Abdominal Ultrasound</td>
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<td>Dermatology I</td>
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<td>Dermatology II</td>
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Dates and places are subject to changes. Please visit our website for updates. Information about our 2018 Asia courses can be found on our website: 

www.esavs.eu
CONCEPT OF THE ESAVS COURSES

ESAVS training modules are designed for those veterinarians who wish to broaden their knowledge in a specific area. The intensive training is provided at an advanced level with major emphasis on a case-oriented and problemsolving approach.

Upon completion of a training program, the participants will have obtained a level of competence which will enable them to solve most of the problems in specific areas.

ESAVS training programs and intensive courses include lectures, discussions, demonstrations, case presentations and laboratory work. Special emphasis is given on how to retrieve specific information and how to use it for self-study and clinical work. Daily seminars and review sessions help to develop critical evaluation of the case material presented.

In order to permit a high level of training efficiency, the number of participants is limited and new scientific information is offered for not more than four hours a day. The remaining training time is reserved for practical exercises.

Each course is supervised by highly reputed course masters (tutors) who are specialists in their fields.

In the period between the 2–5 residential courses, participants of a training program receive correspondence from their tutors. This consists of material to read and/or some tasks to perform and may also include printed or digital material, diagrams, photographs, slides, CDs or DVDs etc. For some courses it is possible to download the distance learning material from the internet.

The course masters (tutors) in charge are responsible for the scientific content as well as for the conduct of the courses.

ESAVS tries to provide as much local support as possible. However, since the courses are organised in a variety of different locations, the ESAVS staff is not able to be present during the complete duration of a course.
ABOUT ESAVS

The European School for Advanced Veterinary Studies (ESAVS) was founded in 1991 in Luxembourg as a UETP (University-Enterprise-Training-Partnership) and pilot project of the EU COMETT II programme. The umbrella organisation of ESAVS is the European Association for Veterinary Specialisation (EAVS), a non-profit organisation registered in Luxembourg (A.S.B.L., reg. Nr. vol. 411 fol. 100 case 4).

Since 2005, the ESAVS is affiliated to the Department of Science of the University of Luxembourg.

The ESAVS provides state-of-the-art study programs in a variety of clinical veterinary disciplines. Using university and commercial facilities in some 20 European countries and 11 locations in Asia, the ESAVS conducts these programs for veterinarians in practice and academia from all over the world.

Internationally recognized teachers, a problem oriented approach, intensive use of case presentations, interactive teaching, practical workshops / wet labs and limited participant numbers per course optimize effective exchange of knowledge and skills.

The programs in various specialized disciplines consist of a series of residential courses and distance learning. The faculty of the ESAVS consists exclusively of specialist college members, who were also selected because of their teaching skills.

The aim of these programs is to open a window on veterinary specialization. The participants can acquire new skills and knowledge which they can apply in their practice, but the ESAVS also functions as a recruiting platform for future specialists. Indeed, quite a number of participants have been motivated to continue their professional development and have become specialists themselves.

More than 10.000 vets have attended the ESAVS courses so far. A great number of them have passed required exams and gained the title ‘Diplomate’.
CERTIFICATE OF SMALL ANIMAL VETERINARY PRACTICE (CSAVP) / SPECIFIC DISCIPLINE

Introduction

The Certificate of Small Animal Veterinary Practice is based on the well-known ESAVS residential courses in the discipline of your choice, examinations of these courses and keeping a case log which promotes application of newly learned methods and skills in daily practice at home and throughout the whole program. The duration of the program is two years minimum and five years maximum.

The Certificate of Small Animal Veterinary Practice testifies that you have obtained an intermediary level of theoretical and clinical competence (as defined by the leading European veterinary organizations) in a chosen discipline.

The Intermediary Level

As a result of the increasing demand for high-quality health care, small animal veterinarians are focusing their activity more and more on specific aspects of veterinary medicine. Currently, the highest clinical qualifications in veterinary specialization are the diplomas issued by the European specialist colleges under the umbrella of the European Board of Veterinary Specialization (EBVS), delivering the title of “Board-certified in ...”. Recently, however, the leading professional veterinary organizations (FVE, EBVS, EAEVE, UEVP) did adopt the concept of Europe wide accreditation of an intermediate level of competence.

The ESAVS Courses

Since 1992, the European School for Advanced Veterinary Studies (ESAVS) has been providing training courses to veterinarians wishing to upgrade their knowledge in small animal medicine. So far, more than 500 courses in 21 clinical disciplines, with over 10,000 participants from 51 countries have been held. The ESAVS courses are taught by internationally reputed course masters, Diplomates of the European or American Colleges in their specific disciplines. Thanks to the program design, the dedication of course masters and the office organisation, ESAVS has acquired a worldwide recognition for high quality post-graduate education in veterinary medicine.

CSAVP - a recognition for your efforts
(past, present and future)

Based on its experience in structured training for small animal veterinarians, and consistent with the enormous demand fostered by the recent recognition of an intermediate level, the ESAVS offers Certificates in Veterinary Practice. The examinations and evaluation of written work in the Certificate...
program are conducted at the University of Luxemburg, complying with the rules and regulations laid down by the Ministry of Education of the State of Luxemburg.

Certificate Objectives

- To train veterinarians to attain an intermediate level of competence in specific disciplines
- To promote a systematic problem-solving approach in the clinic
- To promote the concept of evidence-based medicine in daily practice
- To promote optimal interaction with the EBVS specialists
- To promote continuous life-long professional development in the field of small animal veterinary medicine

Certificate Programs

The Certificate is offered in the following disciplines:

- Cardiology
- Dentistry
- Dermatology
- Diagnostic Imaging
- Internal Medicine
- Neurology
- Oncology
- Ophthalmology
- Orthopaedics
- Soft Tissue Surgery
Introduction
The EMSAVM Program is a unique way to obtain a University degree in a specific field of small animal veterinary medicine, and a most valuable experience in your veterinary career.

The European Master of Small animal Veterinary Medicine testifies that you have acquired an intermediary level of clinical competence (as defined by the leading European veterinary organizations) in a chosen discipline, complemented by in depth theoretical knowledge as well as communicative and investigative skills.

The Intermediary Level
As a result of the increasing demand for high-quality medicine, small animal veterinarians are focusing their activity more and more on specific aspects of veterinary medicine. Currently, the highest clinical qualifications in veterinary specialization are the diplomas issued by the European specialist colleges under the umbrella of the European Board of Veterinary Specialization (EBVS), delivering the title of “Board-certified in...”

Clearly below the diplomate status, the University of Luxemburg together with the ESAVS now offers a Master degree which testifies an advanced intermediary level in the discipline of your choice.

The ESAVS Courses
Since 1992, the European School for Advanced Veterinary Studies (ESAVS) has been providing training courses to veterinarians wishing to upgrade their knowledge in small animal medicine. So far, more than 500 courses in 21 clinical disciplines, with over 10,000 participants from 51 countries have been held. The ESAVS courses are taught by internationally reputed course directors and course masters, most of them Diplomates of the European or American Colleges in their specific disciplines. Thanks to the program design, the dedication of course masters and the office organisation, ESAVS has acquired a worldwide recognition for high quality post-graduate education in veterinary medicine.

EMSAVM / Specific Discipline
The Master degree is offered by the University of Luxemburg, complying with the rules and regulations laid down by the Ministry of Education of the State of Luxemburg. The University awards the degree following successful completion of the program.
The EMSAVM is a post-graduate qualification, also defined as a “professional Master degree” which means that the degree is obtained out of practice by part-time formal course work and individual written work (case logs, case reports and thesis). The degree is not to be confused with the undergraduate veterinary degree called “Master in Veterinary Medicine” according to the Bologna declaration.

**The Objectives of the EMSAVM**

The objectives of these new programs are:

- To offer an extended post-graduate curricula, that prepare the veterinarian to attain an advanced level of competence in specific disciplines (ESAVS courses)
- To develop the problem-solving approach and the concept of evidence-based medicine in order to properly evaluate and report results (Clinical cases reports)
- To promote interaction with the EBVS specialists (Diplomates)
- To train participants in critical information retrieval and literature search as well as scientific writing (Master thesis)
- To promote continuous life-long professional development in the field of small animal veterinary medicine

**The EMSAVM Programs**

The EMSAVM is offered in the following disciplines:

- Cardiology
- Dentistry
- Dermatology
- Diagnostic Imaging
- Internal Medicine
- Neurology
- Surgery
Payment / Tuition Fees

- The tuition fee includes the participation in the course, lunch / coffee breaks and course notes.
- The tuition fee does not include accommodation or transportation. The ESAVS office will provide a list of hotels where special prices have been negotiated. Please note, whilst every effort has been made to ensure the accuracy of the information supplied herein, the European School for Advanced Studies (ESAVS) cannot be held responsible for any problems encountered whilst staying at the hotels or the organization facilities at the course location.
- The tuition fee must be paid in advance. You may choose to pay by:

  Credit card (Visa / Mastercard)
  You may register directly online (see below) or via fax. The card number, cardholder’s name, expiration date and control number will be required.

  Bank transfer to the
  ESAVS account no. IBAN: LU21 0021 7101 3189 6800
  BIC Code: BILLULL
  Banque Internationale à Luxembourg (BIL)
  69, route d’Esch, L-2953 Luxembourg
  Please note: Additional bank charges will not be accepted by the ESAVS.

Registration Online

The ESAVS is pleased to inform you that payments for the participation in the courses can be easily conducted online. You may complete your registration (enrollment and payment for the course) on our website www.esavs.eu. This enables you better control of your registration status. Thanks to the online registration you will immediately know whether your registration has been accepted (subject to place availability) and you may print the confirmation from your computer without having to wait for the notification from our office. We invite you to take advantage of this easy, fast and secure way to pay your tuition fees online in the future!

Registration and Early Registration

- Applications for courses are registered according to the order in which full payment of the tuition fee is received, since the number of participants per course is limited. The ESAVS reserves the right to decline a registration without further explanation.
- To secure a position in the course a deposit of € 200 is required after confirmation of participation has been received. This deposit is required within 10 days. If payment is not received an applicant may lose his / her place in the course.
- The remaining balance of the tuition fee is due prior to the course start date, 12 weeks (84 days) at the latest. The reservation and the deposit will be lost if the full amount has not been paid within the stated period.
- Early registration with full payment will be rewarded with €100 discount from
the tuition fee. Please take note of the early registration deadline dates on the website and in the confirmation documents.

Cancellations

- In the event of a cancellation received less than 6 weeks (42 days) prior to the course starting, a no-show situation or a cancellation during the course, no refunds will be granted.
- The ESAVS reserves the right to retain 50% of the payment received, if the cancellation has been made at 6 weeks (42 days) prior to the course.
- Cancellations made more than 6 weeks before the course start date will receive a full refund minus €85 administration charge.
- Fees cannot be transferred to another course or refunded for either cash or goods, unless a separate agreement with the ESAVS office has been made. This may incur an administrative charge of €85.
- Tuition fees will be fully reimbursed if a course is cancelled by the ESAVS. No further claim can be raised thereafter.

Other

- Missed lectures cannot be made up at another time.
- The ESAVS does not provide individual insurance for participants.
- Participants of the ESAVS courses are required to hold a valid health insurance or any other travel insurance policy.
- Participants enrolled for the ESAVS Certificate and/or Master programs should have a valid social security in their country of employment.
- Payment of the deposit/tuition fee confirms that the applicant understands and agrees to the above terms and conditions.
- All ESAVS course dates, locations and structure are subject to change up to 6 weeks prior to the courses starting. The ESAVS does not accept responsibility for monetary loss paid by participants to other organisations.
- Request for duplicates or lost certificates etc. will incur a €25 charge.
- All material the ESAVS offers for its courses (including course notes, distance learning material etc. prepared by the course masters) is, unless otherwise stated, the property of the European School for Advanced Veterinary Studies and the course masters.
- Copyright and other intellectual property laws protect these materials.
- Reproduction or transmission of the materials, in whole or in part and in any manner, is not permitted without the prior written consent of the copyright holder.
- Participants may not distribute any copies to third parties, whether or not in electronic, whether or not for a charge or other consideration, without prior written consent of the copyright holder of the materials.
- Any infringement of the above is a violation of copyright law and will result to exclusion of all future ESAVS courses without any refund - and will be prosecuted criminally.

TERMS & CONDITIONS

9
ANAES

Anaesthesiology I
Vienna / Austria, 29 January - 2 February 2018

Anaesthesiology II
Vienna / Austria, 6 - 10 August 2018
Please refer to our website www.esavs.eu for details

ECC

Emergency and Critical Care I
Berne / Switzerland, 23 - 27 July 2018
Monday, 29 January 2018
Anesthetic machine, monitoring equipment and perioperative Management
• Introduction to anesthesia in small animals
• Anesthetic machine - how does it work?
• Monitoring of the anesthetic patient
• Why monitor? The most common complications
• Perioperative Management
• Practical session: Equipment and monitoring in small Groups

Tuesday, 30 January 2018
Anesthesia drugs, protocols of the healthy Patient
• Overview anesthetic drugs
• Drugs relevant for perioperative Management
• Anesthetic protocols for healthy patients
• Perioperative infusion: cristalloid and colloid Solutions
• Breed specific considerations in cats and Dogs
• Case based discussion, case preparation in small groups

Wednesday, 31 January 2018
Pain, analgesia, small mammals and cardio-pulmonary resuscitation (CPR)
• Introduction to pain, available analgesics and general management strategies
• Pain recognition
• Peri- and postoperative treatment options in dogs and cats after soft tissue or orthopedic surgery
• Treatment of chronic pain
• Anesthetic and perioperative management in rabbits, guinea pigs and small rodents
• Cardio-pulmonary resuscitation (CPR) in dogs and cats
• Practical session in small groups: CPR in the dog and cat

continued on the next page
Thursday, 1 February 2018
Local anesthesia techniques: introduction and practical session

• Introduction to local anesthesia and available drugs
• Simple and useful application of local anesthesia (joints, splash block, patches, intercostal block)
• Local blocks for limb surgery incl. epidural anesthesia
• Local blocks on the head
• Practical session on cadavers: Loco-regional blocks on the head, intercostal block
• Practical session on cadavers: Local blocks for limb surgery and others

Friday, 2 February 2018
Management of patients with certain diseases, neonatal and geriatric patients

• Anaesthetic Management of the cardiac Patient with case discussions
• Anaesthetic Management of C-section and care of the neonatal Patient
• Anaesthetic, analgesic and postoperative Management of the Dog with GDV
• Anaesthetic Management in patients with renal and hepatic insufficiency
• Anaesthetic Management in Brachycephalic Dogs
• Anaesthetic Management of patients for oral surgery / dentistry incl. geriatric patients
• Case discussions Management of patients with certain diseases

Questions / conclusion
Overview:

This veterinary course in emergency and critical care is organized with the following emphasis: veterinarians that are actively integrated in an emergency service need continuous education and training. This course should give the candidates an introduction into the state of the art of emergency medicine and at the same time it is the first basic part followed by an advanced course for veterinarians involved in ESAVS continuing education.

At the end of the course the student should be able to:

• Recognize a life threatening problem and prioritize actions
• Recognize different forms of shock and know how to treat it
• Assess the needs of fluid therapy and know how to give it
• Recognize and treat the most common medical and surgical emergencies
• Have a basic knowledge on cardiopulmonary resuscitation
• Use narcotics and analgesics in critically ill patients

The course is divided in classical lectures, interactive case discussions in small groups, practical labs and surgical exercises.

Topics:

• Triage
• Respiratory Assessment and stabilization of the patient with respiratory distress
• Diagnostic Imaging Thorax
• Chest Trauma
• Fluid therapy
• Shock
• Analgesia and Anesthesia of the Critically Ill
• Status epilepticus
• DKA/Hyperglycemia
• Addisonian crisis
• IMHA and ITP
• Paraplegia and Paralysis
• Head Trauma
• Approach to the acute Abdomen
• Diagnostic Imaging Abdomen
• GDV
• Hemoabdomen
• Cardiac Emergencies

• Treatment of arrhythmias
• FLUTD
• Acute renal failure
• Toxicology
• Emergency blood work
• Heat stroke
• Dystocia and neonatal resuscitation
• CPR

Case Discussions:

• Respiratory Distress
• Fluid Therapy

Practical Labs:

• IV Access
• Airway Access
• Abdominal emergency surgery
• CPR

Tuition fee: EURO 2.350,-
Early registration: EURO 2.250,-
(Deadline for early registration payment: 05 February 2018)
CARDIO

Cardiology I
Estoril / Portugal, 7 - 11 July 2018

Cardiology II
Luxembourg, 18 - 22 August 2018

Cardiology III
Introductory Echocardiography
Luxembourg, 24 - 28 August 2018

Cardiology IV
Advanced Echocardiography
Novara / Italy, 22 - 26 October 2018

Cardiology V
Advanced Update to Cardiology
Novara / Italy, 27 - 31 October 2018
CARDIOLOGY I
Estoril / Portugal, 7 - 11 July 2018

Principal Course Master: Prof. Dr. Gerhard Wess, DACVIM, DECVIM-CA (DE)
Course Master: Prof. Dr. Jens Haggström, DECVIM-CA (SE)

Overview:
Veterinarians with no or basic knowledge in cardiology are welcome to join this course.
Topics include: Clinical signs, physical examination and auscultation; Pathophysiology of heart failure and neuroendocrine regulation; Biomarker in veterinary cardiology

General program:
In the mornings: lectures with one general topic, in the afternoons: practical training on patients, group case discussion on pre-recorded case material

Topics:
- Clinical signs, physical examination and auscultation
- Pathophysiology of heart failure and neuroendocrine regulation
- Biomarker in veterinary cardiology
- Reading chest radiographs – cardiac and non cardiac diseases
- ECG made easy seminar: from the basics to a diagnosis
- ECG Workshops (independent studies in groups) - ECG case examples
- Introduction into echocardiography and doppler examinations
- Therapy of arrhythmias
- Therapy of heart failure: cardiac drugs
- Studies in groups: Congenital heart defects, clinical cases
- Aortic stenosis
- Pulmonic stenosis
- Patent ductus arteriosus
- Mitral and tricuspid dysplasia
- Chronic valvular diseases
- Dilated cardiomyopathy, Doberman pinscher cardiomyopathy and ARVC
- Dirofilariais/heartworm disease
- Pericardial diseases
- Independent studies in groups: Canine cases
- Cardiac tumours
- Feline cardiomyopathies: HCM, RCM, DCM, ARVC

Workshop: Feline cases
Workshop: Canine and feline cases (potpourri)

In the mornings: lectures with one general topic, in the afternoons: practical training on patients, group case discussion on pre-recorded case material.

Tuition fee: EURO 2.190,-
Early registration: EURO 2.090,-
(deadline for early registration payment: 20 January 2018)
CARDIOLOGY II
Luxembourg, 18 - 22 August 2018

Principal Course Master: Prof. Dr. Gerhard Wess, DACVIM, DECVIM-CA (DE)
Course Master: Prof. Dr. Jens Haggström, DECVIM-CA (SE)
Instructors: Dr. Markus Killich, DACVIM, DECVIM-CA (DE)  
Dr. Susanne Thamke (DE) | Dr. Ralf Wendt (DE)

Advanced treatment options, Syncope & ECG:
This Behavioural Medicine Veterinary Course is designed for veterinarians wishing to deepen their knowledge in understanding and solving the most common clinical conditions in the following areas:

• Syncope: practical work-up and differentials
• ECG-repetition: assessment of arrhythmia’s and treatment strategies
• Holter Monitoring: when to use, how to do, and how to analyse
• Assessment of the diuretic function, the challenge between volume overload and hypo perfusion
• Advanced treatment options of acute heart failure
• Interactive cases management of challenging cases
• Clinical case studies, Heart Failure treatment

Feline cardiomyopathies:
• physical examination, SAM, DR Voto, ECG, radiography and biomarker changes
• Echo diagnosis of HCM, DCM, RCM ARCV, jeopardy
• Update treatment of feline cardiomyopathy
• Aortic thrombosis diagnosis and treatment
• ECG cases – practicals in small groups

Advanced diseases:
• Atrial septal defect: diagnosis and treatment options
• Ventricular septal defect: diagnosis and treatment
• Differentiation of MMVD & DCM in large breed dogs
• Cyanotic heart diseases
• Mitral and Tricuspid valve dysplasia
• Systemic hypertension: diagnosis and treatment
• Pulmonary hypertension: diagnosis and treatment

Basic Echocardiography:
• Echocardiography basics, standard views, M-Mode, reference values and results interpretation
• Spectral Doppler Echocardiography (PW and CW)
• Colour Doppler Echocardiography: tips and tricks
• Hands on: Practical training of acquiring Echo-images from the right side, Echo-measurements and left sided Echo-views
• Echo cases: interactive cases management

Tuition fee: EURO 2.290,-
Early registration: EURO 2.190,-  
(deadline for early registration payment: 3rd March 2018)
INTRODUCTORY ECHOCARDIOGRAPHY

Luxembourg, 24 - 28 August 2018

Principal Course Master: Prof. Dr. Gerhard Wess, DACVIM, DECVIM-CA (DE)
Course Master: Dr. Oriol Domenech, DECVIM-CA (IT)
Instructors: Dr. Markus Killich, DACVIM, DECVIM-CA (DE)
Dr. Lisa Keller, DACVIM, DECVIM-CA (DE)
Dr. Susanne Thamke (DE) | Dr. Ralf Wendt (DE)

Overview:
This course is designed to give the veterinary practitioner a basic understanding of small animal echocardiography. Major topics include ultrasound principles, normal cardiac anatomy and physiology, techniques for achieving quality results, case presentations of important diseases and hands-on scanning of normal dogs. Skills taught in this course include further-on pulse wave Doppler, continuous wave Doppler, colour flow Doppler, special measurements and calculations and applying the Bernoulli equation to clinical cases.
The participants will rotate in the afternoon in hands-on sessions through different stations with experienced instructors where individual coaching of how to obtain echocardiographic views and measurements taught in the morning lectures is the main focus. The ECHO-Lab station focuses on pattern recognition and will present computer based Echo case presentations of clinical cases that will be solved interactive by the participants guided by an instructor. Therefore many important cardiac diseases will be seen by the participants.

Course Objectives:
- Discuss, identify and perform a complete diagnostic study from the right and left hemithorax.
- Measure 2D, M-mode and Doppler echocardiograms to quantify cardiac size and function.
- Compare and contrast the usefulness of 2D and M-mode Echocardiography, and of PW, CW and colour Doppler.
- Recognize clinical uses of Doppler for estimation of intravascular pressures.
- Describe a complete Doppler examination and obtain Doppler derived flow signals from the heart and great vessels.
- Discuss use of echo and Doppler in recognition, staging and management of congenital and acquired heart disease.
- Describe the typical imaging and Doppler echocardiographic findings of common acquired and congenital heart diseases.

Prerequisite:
ESAVS course modules I and II provide essential knowledge of cardiac diseases in small animals. These courses provide the necessary knowledge to understand and treat the most common cardiac diseases, whereas this course focuses on performing a good ultrasound exam.

Tuition fee: EURO 2.590,-
Early registration: EURO 2.490,-
(deadline for early registration payment: 31 May 2018)
Echocardiography – General topics and Case examples
- Update on recent clinical studies concerning diagnostic tests
- Interactive (difficult) ECG Cases
- Interactive (difficult) case examples to apply pressure calculations using CW-Doppler
- PISA (proximal isovelocity surface area) to assess severity of valvular insufficiencies, regurgitation-volume and -fraction
- Hands on echocardiography (individual coaching) and Echo lab

Echocardiography – Doppler
- Update on recent clinical studies concerning treatment options
- Diastolic function: Principles and echocardiographic correlates of relaxation, compliance, volume, and filling pressure
- Tissue Doppler Imaging basics. Tissue velocity, Strain, Strain Rate: technical aspects, different methods, pitfalls
- Doppler Echocardiography: value of Doppler to predict congestive heart failure and to assess HCM stage
- Hands on echocardiography (individual coaching) and Echo lab

Echocardiography – Systolic function
- Quantitative echocardiography: calculation of stroke volume and cardiac output
- Utilizing echocardiography to guide therapy – case examples
- Tissue Doppler imaging to assess systolic function – clinical applications
- Advanced echocardiographic assessment of pulmonary hypertension and pulmonary fibrosis treatment
- Hands on echocardiography (individual coaching) and Echo lab

Congenital heart disease: Echo diagnosis, hemodynamics, and treatment
- Complex congenital malformations...
- Cardiac Jeopardy – Congenital heart disease
- Interactive solving of cool Echo cases – where a diagnosis is not so easy
- Hands on echocardiography (individual coaching) and Echo lab

Acquired heart disease: From diagnosis to treatment
- Cool ECG cases – where a diagnosis is not so easy...
- Myocarditis and Endocarditis: Echo diagnosis
- Echocardiographic Assessment of Left Ventricular and Mitral Valve Geometry in Cats with Hypertrophic Cardiomyopathy
- Hands on echocardiography (individual coaching) and Echo lab
What is Telemedicine?
Telemedicine is a consultation service provided to veterinarians living far away from referral centers. It offers the possibility to receive useful diagnostic and therapeutic aids in Internal Medicine using an internet platform where veterinarians describe their cases. Through these information the Internal Medicine specialist provides his help for each single case.

Why Telemedicine?
Long distances may preclude referring cases. Telemedicine allows veterinarians to circumvent this limitation and follow their patients autonomously, receiving answers whenever required, from their practice. Telemedicine is also useful to obtain help for specific medical tests and procedures; for instance, the Internal Medicine specialist may help to interpret blood works, urine or cytology results.

For which cases is Telemedicine useful?
Cases of endocrinology, hepatology, gastroenterology, nephrology and urology, oncology, pulmonology, infectiology and immunology.

How to request a Telemedicine consultation?
Visit our website and click “For Veterinarians” and “Telemedicine”. After registration, you can add information pertaining history of the case, laboratory results, ultrasonographic and radiographic reports, photo, video and additional comments.

How long to receive an answer from the Telemedicine service?
Within 24 hours.

Contact
Dr. Eric Zini, PhD, PD, Dipl. ECVIM-CA (Internal Medicine)
eric.zini@istitutoveterinariionovara.it
www.istitutoveterinariionovara.it
CARDIOLOGY V
ADVANCED UPDATE TO CARDIOLOGY
Novara / Italy, 27 - 31 October 2018

Principal Course Master: Prof. Dr. Gerhard Wess, DACVIM, DECVIM-CA (DE)
Course Masters: Dr. Oriol Domenech, DECVIM-CA (IT)
Prof. Dr. Karsten Schober, DECVIM-CA (USA)
Prof. Dr. Tony Glaus, DECVIM-CA (CH)
Instructors: Dr. Markus Killich, DACVIM, DECVIM-CA (DE)
Dr. Lisa Keller, DACVIM, ECVIM-CA (DE)

Updates on New and Advanced Diagnostic and Therapeutic Options, Interactive Case Presentations

This course is the last level of the ESAVS cardiology program and is a mixture of practical’s and update sessions, as well as interactive case presentations of cool ECG and Echo cases.

The first two days we will focus on echocardiography: which techniques have evolved over the last few years, what’s new concerning diagnosis of diastolic function, feline cardiomyopathies, transesophageal echo, lung ultrasound to diagnose pulmonary edema, better measurements for better diagnoses. The course masters will also present some of their coolest echo cases.

There will be also practicals on 5 echo machines in the afternoons during the first two days, where we will have a cat station, probably a 3D station, and most importantly individual coaching to help to improve your daily workflow.

Starting on day three we will give you updates on various diseases, diagnostic tests and therapeutic news, which were published the last few years. Additionally, we will continue with the ECG sessions as practicals as well as more interactive case presentations. We will also cover some non-primary cardiac topics, such as non-cardiogenic pulmonary edema, angiostrongylus, pulmonary hypertension and differentials of SAM, just to name a few topics.

We are very excited to have for the first time a module V and have recruited excellent lecturers and instructors; there will be 6 ACVIM or ECVIM Diplomates in Cardiology!
Internal Medicine I
Utrecht / The Netherlands, 19 - 30 November 2018

Internal Medicine III
Utrecht / The Netherlands, 12 - 23 March 2018

Case Based Internal Medicine
Nephrology – Endocrinology
Luxembourg, 14 - 18 March 2018

Case Based Internal Medicine
Infectious Diseases and Basic Neurology
Luxembourg, 9 - 13 May 2018

Case Based Internal Medicine
Gastroenterology - Hepatology
Luxembourg, 31 October - 4 November 2018

Endoscopy
Small Animal Internal Medicine Endoscopy Course
Using Natural Orifices
Beichlingen / Germany, 2 - 6 March 2018
INTERNAL MEDICINE I
Utrecht / The Netherlands, 19 - 30 November 2018

Principal Course Master: Prof. Dr. Erik Teske, DECVIM-CA (NL)
Course Masters: Dr. Lisette Overduin, DECVIM-CA (NL)
Dr. Hans Kooistra, DECVIM-CA (NL)
Co-Speakers: Dr. Christine Piek, DECVIM-CA (NL); Prof. Dr. Jan Rothuizen (NL); Prof. Dr. Edward Hall, DECVIM-CA (UK)

Overview:
This veterinary course on internal medicine is designed for veterinarians who wish to broaden their knowledge in internal medicine of companion animals. By attending the three modules of the training program listed below veterinarians can expect to acquire post-academic training in the majority of ‘disciplines’ of internal medicine.
Some subjects for which a special course is organised will be discussed in short sessions, the other subjects will be discussed more extensively.
The intensive training will be at an advanced level with major emphasis on case-oriented and problem-solving approaches. The aim of the course is to give participants a sufficient level of competence in veterinary internal medicine to solve most of the problems in daily practice and to facilitate their collaboration with specialists in referral clinics.
The complete training programme consists of three periods of two weeks (10 days each), during which lectures, demonstrations, case presentations and laboratory studies will be presented. The periods of two weeks will be given during three successive years. The course language will be English.

Topics:
• Course I: Clinical pathology (Blood results), cytology, ECGs, Gastroenterology, Hepatology - Small Animals
• Course II: Cardiology, Pulmonology, Endocrinology, Nephrology/urology, Feline Medicine - Small Animals
• Course III: Neurology, Oncology, Haematology, Intensive care/emergency medicine, Immunology - Small Animals

Tuition fee: EURO 2.790,-
Early registration: EURO 2.690,-
(deadline for early registration payment: 15 August 2018)
INTERNAL MEDICINE III
Utrecht / The Netherlands, 12 - 23 March 2018

Principal Course Master: Prof. Dr. Erik Teske, DECVIM-CA (NL)
Course Masters: Dr. Lisette Overduin, DECVIM-CA (NL)
Dr. Hans Kooistra, DECVIM-CA (NL)
Co-Lecturers: Dr. Joost Uilenreef, DECVA (NL) | Dr. Quirrine Stassen (NL)
Dr. Michael Boevé, DECVO (NL) | Dr. Joris Robben, DECVECC, DECVIM-CA (NL)
Dr. Chiara Valtolina, DACVECC, DECVECC (NL) | Dr. Michael Day, DECVP (UK)

This veterinary course in internal medicine of small animals is part of a series and is now open to participants that have completed course one and/or course two.

Overview:
This internal medicine course is designed for veterinarians who wish to broaden their knowledge in internal medicine of companion animals. By attending the three courses listed below, they can expect to acquire post-academic training in the majority of ‘disciplines’ of internal medicine. Some subjects for which a special course is organized will be discussed in short sessions, the other subjects will be discussed more extensively.

The intensive training will be at an advanced level with major emphasis on case-oriented and problem solving approaches.

The aim of the course is to give participants a sufficient level of competence in internal medicine to solve most of the problems in daily practice and to facilitate their collaboration with specialists in referral clinics.

The complete study program consists of three periods of two weeks (10 days each), during which lectures, demonstrations, case presentations and laboratory studies will be presented. The periods of two weeks will be given during three successive years.

This course will be coordinated by the PAOD Utrecht.

Topics:
- Endocrinology
- Nephrology
- Urology
- Hematology
- Nutrition
- Cardiology
- Feline Medicine
- Pulmonology

Tuition fee: EURO 2.690,-
Early registration: EURO 2.590,-
(deadline for early registration payment: 30th November 2017)
Clinical work-up of internal medicine nephrology/urology and endocrine problems will be presented in a case oriented approach. Typical and less common problems of dogs and cats presented with upper and lower urinary tract diseases as well as with endocrinopathies will be used to demonstrate a structured and problem-oriented work-up. These cases will serve as bases to discuss physiology and pathophysiology, diagnostic tests such as laboratory investigation and diagnostic imaging plus treatment plans including drugs, diet or surgical options. International guidelines and flow-charts, if existing, as well as updated literature information will be presented to the delegates during the work-up of the cases. On the final day of the course, cases will be presented for interactive discussion and delegates are responsible to solve each case, i.e. find a diagnosis and set up a management plan.

Detailed schedule:

- Day 1 – PUPD, kidney function, urine and blood biomarkers for kidney disease, chronic kidney disease, acute kidney injury, glomerular diseases
- Day 2 – hematuria/dysuria/pollakisuria, urinary incontinence, urinary obstruction, urolithiasis, feline interstitial, urinary tract infection
- Day 3 – Diabetes mellitus with diabetic ketoacidosis, hypersomatotropism, insulinoma, pituitary dwarfism
- Day 4 – hypothyroidism, hyperthyroidism, calcium homeostasis and abnormalities, hypoadrenocorticism, hypocortisolism
- Day 5 – nephrology/urology and endocrine cases (interactive)
CASE BASED INTERNAL MEDICINE
Basic Neurology and Infectious Diseases
Luxembourg, 9 -13 May 2018

Principal Course Master: Prof. Dr. Reto Neiger DECVIM-CA, DACVIM (DE)
Course Master: Dr. Christiane Stengel DECVIM (DE)
Dr. Thilo von Klopmann DECVN (DE)

Clinical work-up of internal medicine infectious diseases and basic neurology problems will be presented in a case oriented approach. Typical and less common problems of dogs and cats presented with infectious diseases (2 days) and neurological problems (2 days) will be used to demonstrate a structured and problem-oriented work-up. These cases will serve as bases to discuss physiology and pathophysiology, diagnostic tests such as laboratory investigation and diagnostic imaging plus treatment plans including drugs, diet or surgical options. International guidelines and flow-charts, if existing, as well as updated literature information will be presented to the delegates during the work-up of the cases. On the final day of the course, cases will be presented for interactive discussion and delegates are responsible to solve each case, i.e. find a diagnosis and set up a management plan.

Detailed schedule:
• Day 1 – Leishmania, Ehrlichia, Babesia, Anaplasma, Tetanus, Distemper, others
• Day 2 – FIP, FeLV, FIV, hemotrophic mycoplasma, Calici, Bartonella, others
• Day 3 – neurologic localisation and work-up, central neurological problems (including seizures)
• Day 4 – peripheral neurological problems
• Day 5 – neurology and infectious diseases cases (interactive)
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CASE BASED INTERNAL MEDICINE
Gastroenterology - Hepatology
Luxembourg, 31 October - 4 November 2018

Principal Course Master: Prof. Dr. Reto Neiger DECVIM-CA, DACVIM (DE)
Course Master: Dr. Christiane Stengel DECVIM (DE)
Dr. Silke Salavati DECVIM-CA (UK)

Clinical work-up of internal medicine gastrointestinal, liver and pancreatic problems will be presented in a case oriented approach. Typical and less common problems of dogs and cats presented with diseases involving the entire gastrointestinal tract including hepatopathies and pancreatopathies will be used to demonstrate a structured and problem-oriented work-up. These cases will serve as bases to discuss physiology and pathophysiology, diagnostic tests such as laboratory investigation and diagnostic imaging plus treatment plans including drugs, diet or surgical options. International guidelines and flow-charts, if existing, as well as updated literature information will be presented to the delegates during the work-up of the cases. On the final day of the course, cases will be presented for interactive discussion and delegates are responsible to solve each case, i.e. find a diagnosis and set up a management plan.

Detailed schedule:
• Day 1 - swallowing disorders, regurgitation, vomiting, gastric disorders
• Day 2 - small and large bowel diseases (diarrhoea, obstipation, IBD, neoplasia, motility abnormalities, abnormal microbiom)
• Day 3 - hepatology and pancreatic diseases
• Day 4 - hepatology and pancreatic diseases
• Day 5 - gastrointestinal, liver and pancreas cases (interactive)

Tuition fee: EURO 1.950,-
Early registration: EURO 1.850,-
(deadline for early registration payment: 16 May 2018)
Overview:
The 2018 Internal medicine endoscopy course in small animals using natural orifices is designed for clinicians with no or basic skills in flexible and rigid endoscopy. We cover instrument handling from how to set up the endoscope to maintenance and cleaning. Many tricks are discussed and shown since both course masters have been involved in endoscopic teaching for many years. Classroom teaching on all aspects of endoscopy in internal medicine, starting from indications to complications, procedures and possible findings will be followed almost daily by a practical wet lab with various models (including ex-vivo organs) and live piglets.

Topics:
- set up and handling of flexible endoscopes
- indications, procedure, technique in
  - Oesphago-Gastro-Duodenoscopy
  - Colonoscopy
  - Rhinoscopy (flexible and rigid)
  - Bronchoscopy
  - Cystoscopy (flexible and rigid)
  - cleaning and storage
  - therapeutic endoscopic interventions
  - discussion of cases

Tuition fee: EURO 2,790,-
Early registration: EURO 2,690,-

(Deadline for early registration payment: 30 November 2017)
ONCOLOGY I
Luxembourg, 20 - 24 June 2018

FELINE ONCOLOGY
26 - 30 October 2018 (provisional)
Overview:
Over the past decade, our knowledge of cancer in animals has increased rapidly. More and more veterinarians and clients are becoming open-minded about treating canine and feline cancer patients. “Oncology I” (2018) will start with the diagnostic approach to the cancer patient, including biopsy taking, staging procedures, diagnostic imaging options as well as several practical cytology sessions. Further, there will be a detailed discussion of common (surgery, radiation therapy, chemotherapy) and novel (e.g. tyrosine kinase inhibitors, metronomic chemotherapy) treatment options. Management of side effects will be explained and safe handling of chemotherapeutic drugs will be practiced hands-on. A major emphasis of the course will be on interactive and case oriented work using a systematic approach to the cancer patient including recognizing symptoms, interpreting radiographic findings, choosing correct staging procedures and formulating a therapeutic plan. There will be a detailed discussion of neoplasms of the skin and adnexal structures as they are the most common tumours in clinical practice.
“Oncology I” will start from scratch and provide a very solid basis of oncological principles. It is ideal for veterinarians with little or no previous knowledge in veterinary oncology, but also suitable for people, who want to deepen their understanding. “Oncology II” (2019) and “Oncology III” (2020) will build up on this seminar, introduce more advanced concepts and address all the remaining tumour systems in great detail. As in Oncology I, there will be a major focus on interactive case management.

Topics:
“Oncology I” includes the following topics (preliminary):
- Tumour biology for clinicians
- Diagnostic imaging and tumour staging methods
- Biopsy techniques: theory and practice
- Tumour cytology: theory and practical sessions (microscopes)
- Paraneoplastic syndromes
- Understanding indications, limitations and risks involved with chemotherapy
- How to safely administer chemotherapy: this part includes a hands-on session introducing a safe and affordable system for administration of cytotoxic agents (PhaSeal®-system).
- Using Tyrosine Kinase Inhibitors: Palladia® and Masivet® are the first drugs approved by the European Medicines Agency (EMEA) for small animal tumours (canine mast cell tumours).
- Principles of surgical oncology including reconstruction in oncologic surgery
- Principles of radiation oncology
- Cutaneous neoplasms (incl. mast cell tumors, soft-tissue sarcoma, etc)
- Interactive case management sessions

Tuition fee: EURO 1,790,-
Early registration: EURO 1,690,-
(deadline for early registration payment: 20 March 2018)
FELINE ONCOLOGY
26 - 30 October 2018 (provisional)

Principal Course Master: Dr. Jarno Schmidt MRCVS, DECVIM-CA (DE)
Course Master: Dr. Laurent Findji, DECVS (UK)

Overview
Oncology has become one of the fastest growing fields in small animal practice, as clients and veterinarians are becoming increasingly open-minded about treating pets with cancer. The adage “cats are not small dogs” holds true especially in oncology. Etiology, incidence, clinical symptoms, tumour biology, treatment and prognosis of feline cancer often differ significantly from that of dogs. Unfortunately for feline practitioners, most small animal seminars are heavily biased towards canine medicine with cats not getting their fair share.
“Feline Oncology” is specifically designed to provide feline practitioners with the “A to Z” of cancer in cats. It will start with the diagnostic approach to the feline cancer patient, including biopsy taking, staging procedures, diagnostic imaging options as well as practical cytology sessions. There will be a detailed discussion of the most common feline tumours in clinical practice. A major emphasis will be on interactive and case oriented work using a systematic approach to the feline cancer patient including recognizing symptoms, interpreting imaging findings and choosing staging tests. Further, there will be a comprehensive discussion of cancer treatment options and on formulating suitable therapeutic plans.
This course is ideal for veterinarians with little or no previous knowledge in veterinary oncology, but also highly suitable for feline practitioners, who want to deepen their understanding of feline oncology and get up-to-date with the current state of clinical research.

Topics
“Feline Oncology” includes the following topics (preliminary):
• Etiology, epidemiology and tumour biology in cats
• Diagnostic imaging and tumour staging methods
• Biopsy techniques & tumour cytology (including practical microscopy)
• Principles of surgical oncology including reconstruction in oncologic surgery
• Principles of chemotherapy & radiation oncology
• Cutaneous neoplasms
• Lymphoma & other haematopoietic tumours
• Tumours of the respiratory tract
• Urinary tract tumours & mammary tumours
• Tumours of the skeletal system
• Oral, gastrointestinal & hepatosplenic tumours
• Important feline endocrine tumours
• Abdominal & thoracic cancer surgery
• Interactive case management
Diagnostic Ultrasound II
Luxembourg, 16 - 20 July 2018

Ultrasonography
Introduction Abdominal Ultrasound
Novara / Italy, 29 October - 2 November 2018

Radiology in Small Animals I
Novara / Italy, 16 - 20 April 2018

Small Animal Computed Tomography
Novara / Italy, 17 - 21 September 2018
Overview:

- The aim of this course is to sharpen the participant’s perception and to discuss ultrasound images of various pathological conditions.
- This veterinary course in diagnostic ultrasound is an advanced part of the training program (2017/2018).

Reference the experience in diagnostic ultrasound among new-comers to this course; before registering please inform us about the following:
- Average number of cases treated with diagnostic ultrasound per day/week
- Type of ultrasound equipment used
- Other seminars, training programmes, courses etc.
This information is required to determine whether your experience is sufficient to fully benefit from this course.

Literature recommended by the course master:
'Small animal diagnostic ultrasound' by T. Nyland and J. Mattoon

Topics:

- Gastrointestinal Disorders
- The Urogenital Tract
- Endocrine Ultrasound
- Other Parenchymal Organs
- Musculoskeletal Ultrasound

Course Master: Prof. Dr. Patrick Kircher, DECVDI (CH)
Co-Lecturers: Dr. Karolin Kühn, DECVDI (CH)
Dr. Francesca del Chicca, DECVDI (CH) | Dr. Susanne Thamke (DE)

This course is part of a series and the participants that have attended the previous course(s) have priority. To register as a newcomer to the course please attach your Curriculum Vitae and a covering letter to your registration.

Tuition fee: EURO 2,490,-
Early registration: EURO 2,390,-
(deadline for early registration payment: 29 January 2018)
Overview:
This training program is designed for veterinarians who wish to perform abdominal ultrasonographic examination in small animal practice. The objectives of the program are to provide participants a basic knowledge of ultrasound image formation and current technology, and to perform routine abdominal ultrasonographic examination in dogs and cats. The program is based on a mixture of formal teaching, wet labs with live animals and ultrasound machines and interactive clinical case discussion. Main indications, normal, and abnormal findings in common situations are outlined and discussed. The aim of the program is to give participants enough knowledge and practical information to perform abdominal ultrasonography in common clinical situation.

Objectives of the course:
At the end of the seminar, the student should be able to:
• make an educated choice regarding purchase and use of ultrasonographic equipment according to the needs
• acquire and optimize ultrasonographic images
• recognize different tissues according to their echogenicity
• recognize common ultrasonographic artifact and understand their significance
• perform an ultrasonographic examination of the abdomen in the dog by finding and recognizing major abdominal structures.
• recognize the normal appearance of major abdominal organs
• prescribe ultrasonographic examination depending on clinical suspicion and expected findings
• recognize common ultrasonographic changes
Overview:
This training programme is designed for veterinarians with limited experience in diagnostic radiology of companion animals. The objective of the program is to provide participants with a logical approach to basic radiographic image interpretation, including detection of pertinent radiographic signs, and generation of a prioritized differential diagnosis.

The program is based primarily on clinical case studies in small group work and interactive teaching to stimulate an active learning process. The aim of the programme is to give participants enough knowledge and ability in radiographic image interpretation to achieve independence in common clinical situations and to facilitate their collaboration with European specialists in this field.

Topics:

- **Introduction – Thorax**
  Basics of radiographic image formation - Introduction to interpretation of radiographic images - Radiology report - Self studies: Thoracic cases - Discussion

- **Thorax**
  Thoracic radiology – Pulmonary patterns - Thoracic cases - Discussion

- **Abdomen**
  Radiographic contrast media and abdominal contrast procedures - Self studies: Abdominal cases - Discussion

- **Appendicular Skeleton**
  Aggressive versus non-aggressive bone lesion - Self studies: Orthopaedic cases - Discussion

- **Axial Skeleton**
  Myelography - Self studies: Skull and spine cases - Discussion

- **Conclusion and introduction to the distance learning program**
SMALL ANIMAL COMPUTED TOMOGRAPHY
Novara / Italy, 17 - 21 September 2018

Overview:
This training programme is designed for those who have access to computed tomography in their daily practice and wish to be able to prescribe, acquire and interpret routine CT studies.

The objectives of the program are to provide participants a basic understanding of the technology involved in modern CT units, knowledge of common CT acquisition techniques, proficiency in image viewing and manipulation using DICOM viewing software, and a logical approach to CT image interpretation, including detection of pertinent signs, and generation of a prioritized differential diagnosis. The program is based on combination of lectures, clinical case studies in small group, and interactive teaching to stimulate an active learning process. The aim of the programme is to give participants enough knowledge and ability in CT image interpretation to achieve independence in common clinical situations and to facilitate their collaboration with European specialists in the fields.

Principal Course Master: Prof. Dr. Paul Barthez, DECVDI, DACVR (LU)
Course Master: Dr. Edoardo Auriemma, DECVDI (IT)

Tuition fee: EURO 1.690,-
Early registration: EURO 1.590,-
(deadline for early registration payment: 2 April 2018)
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Overview:
The ESAVS veterinary dermatology courses cover the core of the dermatological curriculum over a three year period, with particular emphasis on the diagnosis and management of animal skin disease from a primary care perspective. This program is designed specifically for veterinarians wishing to gain experience in dermatology and to deepen further expertise in the practical management of patients with skin diseases. Participants of course I in dermatology will discuss basics in anatomy and physiology of the skin and its appendages and will learn about a large number of common dermatological disorders. The successful management of difficult to treat problems will be discussed. Wet labs will provide practical approaches.

Key Features of ESAVS Veterinary Dermatology Courses:
• The whole Dermatology Program consists of three two-week residential courses (one two-week course per year)
• The courses consist of teaching classes (~50%) and intensive practical sessions in labs (~50%)
• Course participants obtain access to comprehensive teaching materials and have the opportunity to practice in small groups.
• Between the residential courses participants have access to distance learning modules.
• Dermatology courses of ESAVS are routinely recognized by the European College of Veterinary Dermatology (ECVD), which means they satisfy all the required criteria for continuing recognition in this discipline.

Topics:
• Biology of the Skin
• Arthropod parasitology of the skin
• Skin microbiology
• Common bacterial skin diseases
• Superficial mycoses
• Parasitology practical
• Diagnostic approach in dermatology
• Diagnostic testing
• Skin pathology and inflammation
• Immune system, mechanisms of allergy
• Flea allergy and flea control
• Atopic dermatitis
• Pruritus
• Allergy testing (intradermal and in vitro)
• Allergen specific immunotherapy
• Food allergy / contact allergy
• Cytology
• Skin testing laboratory with live dogs
• Feline allergies / feline skin reaction patterns
• Otitis
• Instructors’ problem solving cases
• Discussion of participants’ cases

Tuition fee: EURO 2.390,-
Early registration: EURO 2.290,-
(deadline for early registration payment: 26 March 2018)
Overview:
The dermatology II covers theoretical and practical knowledge about veterinary dermatology. This course builds upon the knowledge gained during the Dermatology I course and begins to explore more challenging and complex areas of dermatology.

Newcomers are welcome on this course!

Please note: The dermatology courses of ESAVS are routinely recognized by the ECVD. Which means they satisfy all the required criteria for continuing recognition in this discipline.

The ESAVS courses cover the core of the dermatological curriculum over a three year period, with particular emphasis on the diagnosis and management of animal skin disease from a primary care perspective.

This program is designed specifically for veterinarians wishing to gain experience in dermatology and to deepen further expertise in the practical management of patients with skin diseases.

Week 1
- Difficult and uncommon bacterial infections
- Viruses affecting the skin
- Protozoal skin diseases
- Skin infestation with helminths
- Deep mycotic infections
- Pigmentary diseases
- Skin diseases of small mammals
- Clinical features of cutaneous neoplasia
- Diagnostic pathology and cytology of skin tumours
- Therapy of skin tumours
- Nutrition and the skin
- Review distance learning

Week 2
- Hypothyroidism
- Growth hormone related dermatoses
- Cytology and dermatopathology cases (divided class)
- Cushing’s disease
- Sex hormone alopecias
- Journal Review and Review of distance learning exercise
- Follicular dysplasias
- Miscellaneous alopecias
- Participants’ cases – problem solving
- General Clinical Approach to alopecia
- Basic concepts of scaling disorders
- Specific scaling disorders
- Instructors and participants case discussions
- Sebaceous adenitis
- Cutaneous manifestations of systemic disease
- Topical and systemic therapy of scaling disorders

Tuition fee: EURO 2.590,-
Early registration: EURO 2.490,-
(Deadline for early registration payment: 12 March 2018)
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Dentistry I
Introduction to Dentistry, Diagnostics & Extractions
Novara / Italy, 24 - 28 March 2018

Dentistry II
Periodontics & Feline Dentistry
Luxembourg, 6 - 10 August 2018

Dentistry III
Restorative Dentistry & Endodontics
Luxembourg, 12 - 16 August 2018

Dentistry V
Oral and Maxillofacial Surgery
Dublin / Ireland, 26 - 30 November 2018
Overview:
This veterinary course covers the introduction to dentistry starting with diagnostics in small animal dentistry, clinical and radiographic assessment of oral and dental structures, using and filling-in dental charts for dogs and cats. It also focuses on the importance of radiography, exposing and interpreting intraoral radiographs. Canine and feline extractions are clinically a very important subject and are covered in the extended practicals.

Topics:
- Oral and dental anatomy and physiology
- Oral examination technique and charting
- Dental equipment and instrumentation
- Oral radiography and interpretation
- Extraction techniques and extraction complications
**DENTISTRY II**
**PERIODONTICS & FELINE DENTISTRY**
Luxembourg,  6 - 10 August 2018

- Principal Course Master: Dr. Dr. Peter Fahrenkrug, DEVDC (DE)
- Course Masters: Dr. Jan Schreyer DEVDC (DE), Dr. Jerzy Gawor DAVDC, DEVDC (PL)

**Overview:**
Periodontal disease is the number one clinical problem in dogs and cats. This course gives an overview of small animal periodontology, including diagnostics basics, advanced surgical procedures; preventive and regenerative techniques. The participant will learn about how to deal with gingivitis, periodontitis, alveolar bone loss; periodontal pockets; gingival recession and many other diseases. Further subjects covered in this course are feline oral problems in a separate session.

**Topics:**
- Oral Immunology and microbiology
- Periodontal physiology, pathogenesis, diagnostic approach and therapy
- Feline and canine tooth resorption
- Feline chronic gingivo-stomatitis
- Traumatic injuries to teeth and periodontium
- Periodontal surgery

Tuition fee: EURO 2.490,-
Early registration: EURO 2.390,-
(deadline for early registration payment: 19 February 2018)
Overview:
This 2018 veterinary Dentistry III course will comprise lectures and practical workshops. In fact, roughly 50% of the time is spent in the laboratory learning and practicing the dental procedures.

The emphasis is being put on the following dental specialties: restorative dentistry and endodontics in dogs and cats.

Topics:
- Restorative Dentistry: Demo and Practical
- Endodontics: Demo and Practical
  - (direct pulp capping, partial pulpectomy, restoration)
  - (access preparation, radiographic control: I, C, maxP4, mandM1)
  - (canal preparation, radiographic control: single rooted tooth, e.g. I, C)
  - (canal filling and restoration, radiographic control: single rooted tooth, e.g. I, C)
  - (canal preparation, radiographic control: multirooted tooth, e.g. maxP4, mandM1)
  - (canal filling and restoration, radiographic control: multirooted tooth, e.g. maxP4, mandM1)
- Complications in Endodontics
- Surgical Endodontics (Apicectomy, Hemisection)
Overview:
Based on the experiences learnt in the first four courses, participants may now perform maxillofacial surgery with the dental care and respect to important oral structures. Selected oncologic, developmental and traumatology problems of the maxillofacial hard tissue and soft tissue structures will be discussed, presented and exercised.

Topics:
- Anatomy & craniofacial imaging
- Anaesthesia and analgesia
- Salivary gland surgery
- Jaw disorders / jaw fracture repair
- Palatal surgery
- Surgical treatment of oral tumors
- Lip and tongue disorders and surgery

Tuition fee: EURO 2,590,-
Early registration: EURO 2,490,-

(deadline for early registration payment: 11 June 2018)
Program:

DAY 1:
- Introduction and goals of the course
- The neurological examination
- Case based session: videos and discussion abnormal findings in the neurological exams

DAY 2:
- Principles of lesion localization (spinal cord)
- Orthopedic versus neurologic gait disturbance
- Tail, anal and bladder dysfunction
- Case based session: videos and discussion lesion localization in the nervous system

DAY 3:
- Principles of lesion localization (brain)
- Visual system: Behaviour / mental status abnormalities
- Case based session: videos and discussion lesion localization in the nervous system

DAY 4
- Principles of lesion localization (CNS-PNS)
- Paesis / paralysis of one limb
- Episodic weakness
- Case based session: videos and discussion lesion localization in the nervous system

DAY 5:
- Principles of lesion localization (vestibular)
- Otoscopic exam and deafness
- Outlook to Neurology II and III (differential diagnoses, further diagnostics, pathology)
- Case based session: videos and discussion lesion localization in the nervous system

Principal course master: Prof. Dr. Veronika Stein, DECVN (CH)
Course Masters: Prof. Dr. Franck Forterre DECVS (CH)
Dr. Arianna Maiolini DECVN (CH)
OPHT

Ophthalmology I
Luxembourg, 25 June - 6 July 2018
Overview:
Ophthalmology will be taught during 2 residential courses in 2018 and 2019. These 2 ophthalmology courses are basically repeats of the successful courses previously held in London and Toulouse, with the main difference being: course I will be 2 weeks of didactic instruction, whereas course II will be 1 week of wet lab and will have less formal instruction. Homework exercises are run during the period between the two courses.

Ophthalmology course I will be held in Luxembourg and will cover clinical examination, diagnostic imaging, microsurgery, ocular anaesthesia, conjunctival disease, the lacrimal system, neuroophthalmology, conditions of the eyelids, orbital disease, cornea, lens, uvea, retina, ocular pathology, ocular pharmacology, avian and rabbit ophthalmology.

Topics:
- Clinical Examination including a practical lab
- Diagnostic Imaging
- Eyelids
- Ocular Anaesthesia
- Conjunctival Disease
- The Lacrimal System
- Neuroophthalmology
- Orbit, Cornea, Lens
- Ocular Pathology
- Pharmacology
- Microsurgery
- Avian Ophthalmology
- Rabbit Ophthalmology
- Uvea, Retina
- Case Histories

Principal Course Master: Prof. Dr. Peter Bedford, DECVO (UK)
Course Master: Dr. Jean-Yves Douet DESV (FR)

OPHTHALMOLOGY I
Luxembourg, 25 June - 6 July 2018

Tuition fee: EURO 2,300,-
Early registration: EURO 2,200,-
(deadline for early registration payment: 8 January 2018)
Endoscopy
Small Animal Laparoscopy and Thoracoscopy (with workshop)
Beichlingen / Germany, 7 - 11 March 2018

Feline Orthopaedics
Vienna / Austria, 30 July - 3 August 2018

Orthopaedics I
Vienna / Austria, 29 January - 2 February 2018

Orthopaedics II
Cremona / Italy, 9 - 13 May 2018

Orthopaedics III
Vienna / Austria, 3 - 7 September 2018

Soft Tissue Surgery I
Vienna / Austria, 2 - 6 January 2018
Lisbon / Portugal, 4 - 8 April 2018

Soft Tissue Surgery II
Vienna / Austria, 27 - 31 August 2018

Soft Tissue Surgery III
Abdominal Surgery
Cremona / Italy, 8 - 12 December 2018

Soft Tissue Surgery IV
Lisbon / Portugal, 4 - 8 June 2018
Overview:
The 2018 minimally invasive surgery course – Laparoscopy and Thoracoscopy is designed for clinicians with no or basic skills in rigid endoscopy. Selection and care of instruments required for basic and more advanced procedures in both dogs and cats will be covered, as well as using the equipment to broaden the range of procedures that can be performed in first opinion practice with special reference to the 2.7mm multipurpose endoscope. Laparoscopic ovarie-tomy and ovariohysterectomy in the dog and cat will be discussed in detail. Classroom teaching on all aspects of minimally invasive surgery, starting from indications to complications, procedures and possible findings will be followed almost daily by a practical dry lab with laparoscopic trainers and wet labs with cadavers and live piglets.
Please note: this endoscopy course is very practical oriented and thanks to the Sponsor Karl Storz, Germany between 5 and 6 tables are available for each practical course element so delegates have ample time to practice. The number of delegates is limited to 18 so this will enhance the learning effect.

Topics:
- Selection, handling and care of rigid endoscopes and equipment
- Sleaning and storage
- What can be done minimally invasively? The 2.7mm multipurpose endoscope
- indications, procedure, technique in
- Approach to the abdomen
- Laparoscopic organ biopsy
- Laparoscopic ovariectomy/ovariohysterectomy
- Laparoscopic cryptorchidectomy, gastropexy, cystoscopy, Foreign body removal
- Approaches to thorax and exploratory thoracoscopy
- Thoracoscopic biopsies, pericardectomy, thoracic duct occlusion, persistent right aortic arch.
- Discussion of cases

Tuition fee: EURO 2.790,-
Early registration: EURO 2.690,-
(deadline for early registration payment: 10 December 2017)
Overview:
This course includes interactive, case oriented classroom teaching in combina-
tion with intensive practical work shops.

In the workshops, we will first repeat basic traumatology on plastic bones be-
fore starting to perform surgery on a cat cadaver always together with another
participant. Teachers show you first how to do the exercise on a cadaver with
the help of video transmission and are afterwards available to support and
instruct you during the workshop.

After the course you will have repeated AO principles of fracture management
and you will be able to do correct surgical approaches to the bones as well as
have a treatment plan for common fractures. Also you will be able to perform
some common orthopedic surgeries in the cat.

Topics:
1) Lameness in cats due to orthopedic or neurologic problems

2) Traumatology:
• Trauma in Cats
• Principles of internal and external fixation
• Open fractures
• Fracture healing and complications
• Pelvic fractures
• Long bone fractures
• Epiphyseal fractures
• Joint fractures
• Spinal Trauma and Vertebral Fractures

3) Orthopedics:
• Tendon and Muscle Injuries
• Specific diseases of the shoulder, elbow, carpal, tarsal, stifle and hip joint
4) Workshops:

**Plastic bones (dry lab)**
- Cerclage wire technique, tension band wire technique
- Positioning of a lag screw and neutralisation plate

**Cadavers (wet lab)**
- Parallel and cross pinning distal femur
- Metacarpal fracture (toggle pinning)
- Ileal fracture (plate)
- Humeral fracture (plate and lag screw)
- Comminuted femur fracture (plate and rod)
- Comminuted tibial fracture (external fixation)
- Achilles Tendon repair
- Medial elbow arthroscopy, osteotomy of the FCP
- Cranial cruciate ligament repair and patellar luxation
- Hip luxation, FHO

Tuition fee: EURO 2,590,-
Early registration: EURO 2,490,-

(Deadline for early registration payment: 30 April 2018)
ORTHOPAEDICS I
Vienna / Austria, 29 January - 2 February 2018

Program Director: Prof. Dr. Gilles Dupré, DECVS (AT)
Principal Course Master: Dr. Eva Schnabl-Feichter, DEVCS (AT)
Course Masters: Dr. Julia Knebel, DECVS (DE)
Dr. Ben Walton BVSc DSAS (Orth), RCVS Specialist in Small Animal Surgery (orthopaedics) (UK)
PD, Dr. Barbara Bockstahler, DACVSMR
Prof. Dr. Eberhard Ludewig, DECVDI

Principles:
This veterinary orthopaedic disease course is designed for practitioners willing to improve their knowledge in small animals’ orthopaedic diseases. Focus will be placed on diagnostic and treatment principles of various orthopaedic diseases. The first week of the orthopaedics curriculum will concentrate on diagnosing the lame patient. The course will offer veterinarians 5 ECTS points for the Certificate or Master Program in Small Animal Surgery.

Learning outcomes:
The participant of this course shall be able:
To recognize, characterize and propose treatment possibilities of lameness in dogs and cats.

Course organisation:
The whole surgical curriculum, including soft tissue and orthopaedic diseases is under the responsibility of Univ. Prof. Dr. Gilles Dupré, namely, course director.
Course masters, co-course masters, course instructors and helpers will be appointed as necessary.

Overview:
ESAVS Veterinary Orthopaedics I: The lame patient
• Functional anatomy of the musculoskeletal system
• How do cats and dogs walk: Normal and abnormal gait
• How to use diagnostic imaging modalities at best
• Degenerative and inflammatory joint diseases
• Musculoskeletal diseases in the growing dog

Tuition fee: EURO 2.590,-
Early registration: EURO 2.490,-
(deadline for early registration payment: 31 October 2017)
ORTHopaedics II
Cremona / Italy, 9 - 13 May 2018

Program Director: Prof. Dr. Gilles Dupré, DECVS (AT)
Principal Course Master: Dr. Eva Schnabl-Feichter, DEVCS (AT)
Course Masters: Dr. Aldo Vezzoni, DECVS | Dr. Luca Vezzoni

Topics:

Hip Joint
- Review of the anatomy
- Hip dysplasia: Pathogenesis, Diagnostic (including early diagnosis), Therapeutics: Conservative, Symphysiodesis, DPO, TEP
- Legg Calve Perthes - Pathogenesis and Diagnosis, Treatment strageties (conservative- stem cells, TEP, femor head and neck resection)
- Femoral Luxation- Pathogenesis, Diagnostics, Treatmanet options (conservative, different treatment techniques), Prognosis

Hip Joint Wet Lab
- Surgical approach hip joint cranialateral
- Iliofemoral sling, toggle pin
- Trochanter osteotomy and tension band fixation
- Femor head an nec resection, Closure
- Symphysiodesis, DPO

Stifle Joint
- Review of the anatomy
- Cruciate Rupture+ Meniscal injury: pathogenesis/biomechanics, diagnostics, Treatment (extra and intracapsular, Osteotomies )
- Polytraumatic stifle injuries (collateral ligament injuries +/- cruciate and meniscal involvement)
- Muscle and Tendon avulsions (gastrocnenius, long digit extensor, Lig patellae)
- Patella Luxation: Pathogenesis, Diagnostics, Therapeutics(Trochleaplasty, Tibia Tuberosity Osteotomy, Corrective,Osteotomies)

Stifle Joint Wet Lab
- Arthrotomy stifle (inspection, cleaning up, meniscal injury)
- intracapsular ligament repair (over the top), extracapsual ligament repair (De Angelis and Lau)
- Trochlea wedge and block resection
- Tibial Tuberosity transposition
- TPLO and TTA
- Tarsal Joint- Review of the anatomy & Diagnostics
- OCD - Tarsus and Stifle- Pathogenesis, Treatment (conservative and surgical)
- Achilles Tendon Rupture + luxation of the superficial digital flexor muscle (Pathogenesis, Treatment)
- Collateral Ligament injury
- Tarsal Instability and treatment options (Pantarsal arthrodesis, partial Arthrodesis)

Tuition fee: EURO 2.590,-
Early registration: EURO 2.490,-
(deadline for early registration payment: 1 December 2017)
ORTHOPAEDICS III
Vienna / Austria, 3 - 7 September 2018

Program Director: Prof. Dr. Gilles Dupré, DECVS (AT)
Principal Course Master: Dr. Eva Schnabl-Feichter, DEVCS (AT)
Course Master: Prof. Dr. Peter Boettcher, DECVS

Topics

Forelimb Lameness
• Is it a shoulder, elbow or distal limb problem?
• Could it be a neurological disease?

Shoulder joint: Anatomy/Biomechanics, OCD, Muscle injury
• Bizeps tendonruptur/Bicepstendovaginitis, Supraspinatus Tendinopathie
• Physiotherapy and alternative treatments
• Medial instability, shoulder joint luxation
• Case discussion

Elbow Joint: Anatomy/Biomechanic
• Elbow Dysplasia Etiopathogenesis, Diagnosing
• Treatment of Elbow Incongruency – Ulna Osteotomies, SHO
• Coronoid Disease and OCD
• IPA Fixation or not
• How to treat IOHC
• Flexor Enthesiopathie, partial or complete Elbow prosthesis
• Elbow Joint Luxation
• Elbow arthroscopy

Shoulder joint arthroscopy
• Dry Lab Arthrobox
• Shoulder arthroscopy
• Surgical approaches shoulder joint, OCD of the shoulder joint, Bizeps Tendinecctomy
• Shoulder joint luxation, Instability

Carpal joint: Anatomy/Biomechanics
• Hyperextension injury
• Carpal hyperflexion syndrome
• Physiotherapy for carpal laxity syndrome
• Abductor pollicis longus – a cause for lameness?

Cases: group work and discussion, quiz

Tuition fee: EURO 2.590,-
Early registration: EURO 2.490,-
(deadline for early registration payment: 1 October 2017)
SOFT TISSUE SURGERY I

Vienna / Austria, 2 - 6 January 2018

Program Director / Principal Course Master:
Prof. Dr. Gilles Dupré, Dipl. ECVS

Course masters: Dr. Nikola Katic Dipl. ECVS,
Dr. Gabriele Gradner, Dipl. ECVS

Instructor: Dr. Johannes Siedenburg, Resident ECVS

Lisbon / Portugal, 4 - 8 April 2018

Program Director / Principal Course Master:
Prof. Dr. Gilles Dupré, DECVS (AT)

Course Master: Dr. Laurent Findji, DECVS (UK)

Overview:
The ESAVS Soft Tissue Surgery courses are dedicated to veterinarians in practice or in the academic field who are willing to deepen their knowledge in soft tissue surgery. The comprehensive study program consists currently of 4 one-week modules. A fifth “advanced” module is being planned. Each course is composed of a mix of theory and practice on models and cadavers. Much time is dedicated to interactive and practical training under the supervision of course masters and instructors, who are all internationally recognized European or American specialists.

After attending the whole program, participants shall have acquired sufficient knowledge not only to face most of the current clinical situations but also to further progress by themselves and then recognize the cases that need to be referred to specialists.

STS I (Soft Tissue Surgery I) is mandatory before continuing on to the next courses. STS II, III and IV can be taken in any order. It is recommended to take STS V only after completion of the previous courses.

Soft Tissue Surgery I:
This course focuses on the basic principles of surgery, tissue handling, knotting techniques and general abdominal and gastro-intestinal surgery.

Learning Outcomes:
At the end of the course, participants 1) shall be able to apply atraumatic surgery principles on all occasions, 2) Master current abdominal surgeries principles and techniques, 3) have changed paradigm, not trying anymore to know “how” but “why”.

Tuition fee: EURO 2.590,-
Early registration: EURO 2.490,-

VIENNA: (deadline for early registration payment: 1 October 2017)
LISBON: (deadline for early registration: 31st December 2017)
SOFT TISSUE SURGERY II
Vienna / Austria, 27 - 31 August 2018

Program Director / Principal Course Master:
Prof. Dr. Gilles Dupré, DECVS (AT)
Course Master: Dr. Laurent Findji, DECVS (UK)

Overview:
The ESAVS Soft Tissue Surgery courses are dedicated to veterinarians in practice or in the academic field who are willing to deepen their knowledge in soft tissue surgery. The comprehensive study program consists currently of 4 one-week modules. A fifth “advanced” module is being planned. Each course is composed of a mix of theory and practice on models and cadavers. Much time is dedicated to interactive and practical training under the supervision of course masters and instructors, who are all internationally recognized European or American specialists.

After attending the whole program, participants shall have acquired sufficient knowledge not only to face most of the current clinical situations but also to further progress by themselves and then recognize the cases that need to be referred to specialists.

STS I (Soft Tissue Surgery I) is mandatory before continuing on to the next courses. STS II, III and IV can be taken in any order. It is recommended to take STS V only after completion of the previous courses.

Soft Tissue Surgery II
This module focuses on two important topics of soft tissue surgery: On one hand the skin reconstruction techniques, and on the other one surgery of the perineal and anal region.

Learning Outcomes:
At the end of the course, participants
1. shall possess the current knowledge about principles of wound care;
2. master most of the skin reconstruction techniques;
3. have a sound anatomical knowledge of perineal and perianal region;
4. master surgical techniques as anal sac removal, perineal hernia repair and rectal surgery.

Tuition fee: EURO 2.590,-
Early registration: EURO 2.490,-
(please register before 12 March 2018)
SYRINGE PUMP AND INFUSION PUMP
- Small footprint and light weight (1.4kg)
- Adjustable - up to three pumps on one pole clamp
- Flow rates starting from 0.01 ml/h (adjustable)
- No hemolysis during blood transfusion
- Dose rate calculation
- Intuitive and easy handling

SPACE INFUSION SYSTEM
SMART, SMALL AND FLEXIBLE
SOFT TISSUE SURGERY III
ABDOMINAL SURGERY
Cremona / Italy, 8 - 12 December 2018

Program Director: Prof. Dr. Gilles Dupré, DECVS (AT)
Principal Course Master: Dr. Laurent Findji, DECVS (UK)
Course Master: Dr. Vicky Lipscomb, DECVS (UK)

Conditions:
This course is open to any student who took at least the Soft Tissue Surgery I course (STS I). Participation to Soft Tissue Surgery II is not mandatory to enter course III or IV.

Overview:
The ESAVS Soft Tissue Surgery courses are dedicated to veterinarians in practice or in the academic field who are willing to deepen their knowledge in soft tissue surgery. The comprehensive study program consists currently of 4 one-week modules. A fifth “advanced” module is being planned. Each course is composed of a mix of theory and practice on models and cadavers. Much time is dedicated to interactive and practical training under the supervision of course masters and instructors, who are all internationally recognized European or American specialists.

After attending the whole program, participants shall have acquired sufficient knowledge not only to face most of the current clinical situations but also to further progress by themselves and then recognize the cases that need to be referred to specialists.

STS I (Soft Tissue Surgery I) is mandatory before continuing on to the next courses. STS II, III and IV can be taken in any order. It is recommended to take STS V only after completion of the previous courses.

Soft Tissue Surgery III:
During this course, we will concentrate on more advanced abdominal surgeries. After reviewing the indications and techniques for current urinary tract surgery, we will address the surgical treatments of urinary incontinence and urinary tract trauma. The second part of the course will focus on liver and gallbladder surgery as well as on pancreas and adrenals.

Learning Outcomes:
At the end of the course, participants
1. shall master most of the urinary tract surgical techniques;
2. get a sound knowledge of management of urinary incontinence;
3. have acquired a good understanding of liver surgery including porto-systemic shunt;
4. be able to operate or refer advanced pancreas or adrenal surgeries.
Course details:

Urinary Tract Surgery

Part 1: Generalities
- Surgical anatomy, healing and surgical principles
- Urolithiasis: common knowledge

Part 2: Basic surgical techniques for the UT
- Cystotomy
- Urethrotomy and urethrostomy
- Nephrectomy

Part 3: Other surgical diseases
- Urinary tract tumors: Basic oncologic knowledge
- Urinary tract Trauma: Diagnosis and decision making

Part 4: Urinary incontinence: an overview
- Diagnostic procedures
- Surgical procedures
- Surgical techniques for Ectopic ureters
- Surgical techniques for USMI

Clinical cases and practicals

Advanced Abdominal Surgery

Part 1: Liver and gall bladder
- Surgical anatomy of the liver
- Liver Shunts: The surgeon’s view
- Liver tumors and hepatectomies

Part 2: Other surgical diseases
- Surgical diseases and techniques of the adrenal
- Surgical diseases and techniques of the pancreas
- Surgical diseases and techniques of the prostate

Clinical cases and practicals

Tuition fee: EURO 2.590,-
Early registration: EURO 2.490,-
(deadline for early registration payment: 23 June 2018)
SOFT TISSUE SURGERY IV
Lisbon / Portugal, 4 - 8 June 2018

Program Director / Principal Course Master:
Prof. Dr. Gilles Dupré, DECVS (AT)

Course Master: Dr. Gert ter Haar, DECVS (NL)

Conditions:
This course is open to any student who took at least the Soft Tissue Surgery I course (STS I). Participation to Soft Tissue Surgery II is not mandatory to enter course III or IV.

Overview:
The ESAVS Soft Tissue Surgery courses are dedicated to veterinarians in practice or in the academic field who are willing to deepen their knowledge in soft tissue surgery. The comprehensive study program consists currently of 4 one-week modules. A fifth “advanced” module is being planned. Each course is composed of a mix of theory and practice on models and cadavers. Much time is dedicated to interactive and practical training under the supervision of course masters and instructors, who are all internationally recognized European or American specialists.

After attending the whole program, participants shall have acquired sufficient knowledge not only to face most of the current clinical situations but also to further progress by themselves and then recognize the cases that need to be referred to specialists.

STS I (Soft Tissue Surgery I) is mandatory before continuing on to the next courses. STS II, III and IV can be taken in any order. It is recommended to take STS V only after completion of the previous courses.

Soft Tissue Surgery IV:
This course is dedicated exclusively to head and neck surgery. A strong focus will be put on upper airways and ear surgeries. However, topics as salivary mucoceles, thyroid and parathyroid diseases and surgeries will also be covered.

Learning Outcomes:
At the end of the course, participants
1. shall have acquired a profound knowledge of upper airways anatomy and its relevance for treatment of diseases like Brachycephalic syndrome, laryngeal paralysis and tracheal collapse;
2. shall master a clear decision-making process for ear surgeries;
3. shall be able to perform external ear surgeries and to operate or refer middle-ear ones;
4. have become confident in treating salivary mucoceles and surgical diseases of thyroid and parathyroid.

Tuition fee: EURO 2,590,-
Early registration: EURO 2,490,-
(Deadline for early registration payment: 25 December 2017)
Faculty: 
Course Masters and Speakers

Each course is supervised by course masters (tutors) who are specialists of high repute. Over 350 course masters and speakers from 55 countries have been involved in the training programs of the ESAVS so far. They have been carefully selected by the ESAVS for their excellent qualifications, experience and teaching skills. 

The full list of the ESAVS course masters and speakers is available on the website: www.esavs.eu.
Dr. Katja Adamik (CH)
Dipl. ACVECC

European Veterinary Specialist in Emergency and Critical Care. Member of European College of Veterinary Emergency and Critical Care. 2002: Graduation in Veterinary Medicine at the Free University of Berlin, Berlin, Germany. 2002-2006: Intern/Assistant in the Clinic of Small Animals, Faculty of Veterinary Medicine, Free University of Berlin, Berlin, Germany. 2006: Doctor of Veterinary Medicine at the Free University of Berlin, Berlin, Germany. 2006-2009: Residency ACVECC at Vetsuisse Faculty, University of Bern, Switzerland, Department of Clinical Veterinary Medicine. 2007-2010: Faculty in Emergency and Critical Care Service, at Ludwig-Maximilians-University Munich, Germany. 2011: Diplomate ACVECC. Since January 2011 until now: Faculty and head of the Emergency and Critical Care Section Small Animal Clinic, Vetsuisse Faculty, University of Bern, Switzerland. Since 2014: Honorary Secretary of EVECCS General Board/Executive Committee. Since 2015: Chair of the EVECCS grant Research grant committee.

Dr. Edoardo Auriemma (IT)
Dipl. ECVDI


Prof. Dr. Paul Barthez (FR)
Dipl. ACVR

Prof. Dr. Peter Bedford (GB)  
Dipl. RCVS, Dipl. ECVO


Dr. Oriol Domenech (IT)  
Dipl. ECVIM-CA

Graduated 1996. From 1996 to 1997 worked as a general practitioner (Spain). From 1997 to 1999 performed the three cardiology courses. From 1998 to 2000 worked as a chief of the cardiology department. From 2000 to 2001 internship training period in Milan, Italy. From 2001 to 2004 residency program from ECVIM-CA (cardiology). From 2006 to 2011 worked as a specialist in Italy and Spain. From 2011 he is the chief of the cardiology department at the “Istituto Veterinario di Novara”, Italy. Member of the examination committee and member of the credentials committee of the ECVIM-CA for the speciality of cardiology. From 2014 he is the director of a ECVIM-CA (cardiology) residency program at the “Istituto Veterinario di Novara”.

Dr. Jean-Yves Douet (FR)  
Dipl. DESV

Prof. Dr. Gilles Dupré (AT)
Dipl. ECVS

Prof. Dr. Gilles Dupré graduated from Maisons-Alfort veterinary school in 1980. Afterwards he was an assistant in the surgical department for 2 years at the same veterinary school in France. Gilles Dupré completed his residency in small animal surgery at the Ohio State University, USA. For 17 years he was the head of surgical department of the referral and emergency hospital - “Clinique Frégis” and for 6 years Gilles Dupre was the president of the surgical group of the CNVSPA/AFVAC association (French VÖK). Prof. Dr. Gilles Dupre is a Diplomate of the European College of Veterinary Surgeons. Since 2005 he is the head of the department of small animal surgery at Veterinary University of Vienna, Austria. Gilles Dupre is the author of a large number of publications, 14 books and many book chapters and is often invited as guest speaker to international meetings and conferences.

Dr. Eva Eberspächer-Schweda (AT)
Dipl. ACVAA


Dr. Dr. Peter Fahrenkrug (DE)
Dipl. EVDC

Dr. Dr. Peter Fahrenkrug graduated from the Hannover Veterinary Faculty in 1977. received his Dr.med.vet. there in 1978. In 1982 he graduated from the Medical University of Hamburg as Dr.med.dent. Working as a human dentist from 1982 until 1994, he also worked with animals of all species and did scientific research in Veterinary Dentistry. He received numerous specialist titles, i.e. Fellow of the Academy of Veterinary Dentistry (USA), Diplomate of the EVDC, board certified Specialist in Veterinary Dentistry and Equine Dentistry. He also functions as board member of various national and international veterinary organizations and has published 68 texts so far in international scientific journals and books. Today he works as a self-employed veterinary dentist focusing on teaching at the Hannover and Giessen Veterinary Faculties as well as at seminars in Germany and abroad. He regularly treats clinical cases in two small-animal and one equine clinic in Hamburg, Germany.
Dr. Laurent Findji (UK)
Dipl. ECVS


Dr. Franck Fortherre (CH)
Dipl. ECVS

Franck Fortherre studied at the École Vétérinaire in Toulouse, France. A scholarship to write his doctoral thesis brought him to Munich, Germany, where he later worked in research at the Animal Surgery Clinic of the Ludwig-Maximilian University. Since 1999 he worked as a scientist and assistant medical director at the Small Animal Clinic of the Free University in Berlin (FU) and has specialised in neurosurgery and traumatology. Currently: Head Neurosurgeon of the Department of Clinical Veterinary Medicine at the University of Berne. Prof. Dr. Fortherre is a member of the European College of Veterinary Surgeons.

Dr. Jerzy Gawor (PL)
Dipl. EVDC, Dipl. AVDC

April 1992 Graduation from Faculty of Veterinary Medicine, Academy of Agriculture in Wroclaw/PL. 1993 partner in private practice ARKA in Krakow, achieved status of Vet Clinic in 2004. 1996/1997 PhD and specialist in Veterinary Surgery. 2015 Diplomate of the American Veterinary Dental College (DAVDC) & European Veterinary Dental College (DEVDC). Since 1990 lecturing in the Veterinary Faculty as a part of the Polish veterinary medicine education program. From 2003 leading the Pet Smile Campaign in Poland on behalf of the Dental Working group of the PSAVA. His main field of professional activity is dentistry, head and neck surgery and oncology. Currently President Elect of Federation of European Companion Animal Veterinary Association (FECAVA). Former President of Polish Small Animal Veterinary Association and as President of European Veterinary Dental Society.
Prof. Dr. Tony Glaus (DE)
Dipl. ACVIM, Dipl. ECVIM-CA


Dr. Craig Griffin (USA)
Dipl. ACVD


Prof. Dr. Jens Häggström (SE)
Dipl. ECVIM

Jens Häggström completed his basic veterinary training 1990. He earned his Doctorate degree in 1996 with a thesis concerning myxomatous mitral valve disease in dogs. He became an Associate Professor in Uppsala in the year 2000, and in 2003 he became full Professor in Internal Medicine. Jens Häggström is author and co-author of a large number of original papers in Internationally distributed peer-viewed Journals, Congress abstracts and Textbook chapters, including the 2000 and 2005 Editions of Ettinger and Feldman’s “Textbook of Veterinary Internal Medicine”. His main interests in research concerns mitral valve disease in dogs, pathophysiology of heart failure, and therapy of heart failure. He is a Diplomate of ECVIM and is the past President of the Cardiology Specialty Group.
Dr. Georg Haimel (AT) 
Dipl. DECVS

Georg graduated from the Veterinary University of Vienna in 2006. After working for six months in general practice, he completed a rotating small animal internship at the Veterinary University of Vienna. Thereafter, he worked for two years in the medical department of an international pharmaceutical company, before returning to the Veterinary University of Vienna. Georg then successfully completed a three-year ECVS approved residency program in small animal surgery. Georg joined the AHT as a clinician in soft tissue & orthopaedic surgery in 2015, he is particularly interested in minimally invasive surgery.

Dr. Nikola Katic (AT) 
Dipl. DECVS

Dr Katic is a diplomate of European College of Veterinary Surgeons. He is a consummate small animal surgeon with special emphasis on minimal invasive surgery. He graduated from University of Veterinary Medicine Vienna in 2002 where he subsequently completed his doctoral thesis and the ECVS residency program. He served as a senior lecturer in small animal surgery at the University of Veterinary Medicine Vienna before he changed into private practice. He currently holds the position of chief of surgery at AniCura Tierklinik Hollabrunn, which is one of the busiest referral clinics in Austria. He is the first author and co-author of various publications in the field of small animal surgery and regularly takes part as speaker and instructor on different national and international conferences and courses.

Dr. Martin Kessler (DE) 
Dipl. ECVIM-CA

1985-1991: study of Veterinary Medicine Ludwig-Maximilians University Munich (Germany) and Ohio State University, Columbus (Ohio), USA. 1991-1993: Small Animal Internship at The Ohio State University, Columbus (Ohio), USA. 1993: Doctorate thesis wins the “Robert S. Brodey award” of the American Veterinary Cancer Society for outstanding basic research. 1993-1997: Postdoctorate fellow at the Dept. of Veterinary Surgery, Ludwig-Maximilians University Munich (Germany). Since 1997: partner and co-owner of Hofheim Veterinary Hospital near Frankfurt, Germany; specialized in medical and surgical oncology. Editor of the German textbook „Kleintieronkologie” [Small animal oncology]. Author of the oncology chapter in the German textbook “Praktikum der Hundeklinik” [Canine medicine]. Vice-president of the European Society of Veterinary Oncology (ESVONC) from 2002-2008: Member of the German veterinary oncology specialist group. Lecture assignment for clinical oncology at the Veterinary faculty of the University in Giessen, Germany.
Prof. Dr. Patrick Kircher (CH)
Dipl. ECVDI

Dr. Patrick Kircher graduated from the University of Bern in 1996 and then started to work as an assistant at the large animal clinic at the same Faculty. He wrote there his doctoral thesis on porcine diseases. In 2000 he changed to participate in the internship program at the small animal clinic in Bern. In 2001 he started his combined residency/PhD program in diagnostic imaging at the faculty of veterinary medicine in Bern. In 2005 he got the Diploma of the European College of Veterinary Diagnostic Imaging. Since 2006-2009 he works as an assistant professor at the section of clinical radiology of the Berne faculty. Since 2009 professor at the University of Zurich. Currently: Head of Section of Diagnostic Imaging of the Vetsuisse Faculty in Zurich/Switzerland. Dr. Kircher’s main interest is gastrointestinal ultrasound (the main topic of his PhD-thesis), with special research field regarding gastrointestinal blood flow.

Dr. Dr. Hans Kooistra (NL)
Dipl. ECVIM-CA (NL)

1991-1994: Residency in companion animal internal medicine at the Department of Clinical Sciences of Companion Animals Utrecht University. 1994: Assistant Professor of this department (with special emphasis on endocrinology and reproduction). Diplomate of the European College of Veterinary Internal Medicine - Companion Animals (ECVIM-CA).

Dr. Giuseppe Lacava (IT)
Dipl. ECVDI

Giuseppe graduated from Bari University in 2008. From 2008 to 2010 he worked and completed a year of rotating-internship at the private practice Clinica Veterinaria Malpensa. In 2011 he completed a year of internship in Diagnostic Imaging at the Istituto Veterinario di Novara. In 2012 he enrolled in a residency program in Diagnostic Imaging (ECVDI) at the Istituto Veterinario di Novara, under the supervision of Dr Edoardo Auriemma. Visitor at the Department of Diagnostic Imaging of the Ontario Veterinary College and Montreal University (Canada) and Liege University (Belgium). Speaker in national continuing education courses. Winner of the Resident Travel Award at the ECVDI congress in 2014 (Utrecht). In september 2015 he passed the first part of the board exam for the ECVDI diploma.
Principal and founder of Elands Veterinary Clinic in Kent. 1977: completing an honours degree in animal physiology at the University of Nottingham. 1982: completing his degree in veterinary medicine at the Royal Veterinary College, London. Particular interest in surgery - and more specifically, minimally invasive (keyhole) surgery using both rigid and flexible endoscopes. Having practised rigid endoscopy since 1995, Philip has extensive experience in endoscopy and endosurgery and has run a referral service since 2001. He pioneered laparoscopic bitch spays and laser endosurgery in veterinary medicine in the UK, is author and editor of the BSAVA Manual of Canine and Feline Endoscopy and Endosurgery and has contributed to numerous other publications. 2011: receiving the BSAVA Simon Award for outstanding contributions in the field of veterinary surgery. 2016: awarded Fellowship of the Royal College of Veterinary Surgeons for meritorious contributions to clinical practice.

Vicky graduated from Cambridge University in 1996 and has spent time in both general and specialist referral practice in the UK. Vicky undertook an internship and surgical residency training at the Royal Veterinary College in London, becoming a Diplomate of the European College of Veterinary Surgery in 2002. Vicky returned to the RVC as a Lecturer in 2003, where she is currently Associate Professor, Head of Soft Tissue Surgery and Deputy Director of the Queen Mother Hospital for Animals. Vicky’s clinical interests extend to all aspects of soft tissue surgery and her major research interests include the investigation and treatment of congenital portosystemic shunts in dogs and cats.

He is a founding member and past-president of the European Society of Veterinary Dermatology, the European College of Veterinary Dermatology and the Veterinary Wound Healing Association. He is also a founding member of the European Board of Veterinary Specialisation and the World Congress of Veterinary Dermatology. He was founding editor and Editor-in-Chief of the Journal, Veterinary Dermatology. He was President of the 5th World Congress of Veterinary Dermatology.
Reto Neiger gained a Swiss Veterinary degree in 1988 and after finishing his Dr.med.vet-degree he completed an internship and residency in Internal Medicine in Bern, Switzerland and Louisiana, USA. His PhD was about canine and feline Helicobacter infections at the human teaching hospital in Bern. From 1999 to 2003 Reto Neiger was a lecturer at the Royal Veterinary College in London, UK and from 2003 to 2016 he was Professor and head of the Small Animal Internal Medicine Department of the University in Giessen, Germany. Since 2017 he is working as internal medicine specialist in the German largest private small animal clinic in Hofheim. He is a Diplomate of the American and European College of Veterinary Internal Medicine. He was a President of the Annual ECVIM-CA Congress 2005.

Dr. Lisette Overduin (NL)
Dipl. ECVIM


Dr. Silke Salavati (UK)
Dipl. ECVIM-CA

Dr. Salavati graduated from the Justus-Liebig University in Giessen in 2003. She has completed her German doctoral thesis (Dr.med.vet) in Giessen, working on establishing a breath test to assess canine gastric emptying and validating it against scintigraphy. She has completed a rotating internship in the Small Animal Hospital of the JLU, which was followed by a residency in Small Animal Internal Medicine at the same university, where she continued to work on gastrointes- tinal topics in small animals. As the residency was successfully completed, Dr. Salavati holds a diplomate title of the ECVIM - Companion animals (DipECVIM-CA). From 2009 to 2013 she successfully completed a PhD at the Royal Veterinary College, London, investigating the clinical and immunological effects of a single-strain probiotic in canine Inflammatory Bowel Disease (IBD). From 2013 to 2016 she was a Junior lecturer in Small Animal Internal Medicine at the JLU, before she took her current position as a Senior lecturer for Small Animal Internal Medicine at the Royal (Dick) School of Veterinary Sciences in Edinburgh (Scotland).
Dr. Jarno Schmidt (DE)
Dipl. ECVIM-CA

Since 2010 Veterinary Surgeon (Consultant Oncologist), Veterinary Clinic Hofheim, Germany. 06/2006-12/2009 Veterinary Surgeon (Resident ECVIM-CA (Oncology), VRCC, UK (Supervisor: Dr. Susan North). 01/2006-05/2006 Veterinary Surgeon (Intern), VRCC, UK. 07/2005-12/2005 Practical experience in various clinics/universities (Munich, Cambridge, Newmarket). 04/2004-06/2005 Veterinary Surgeon (Intern) in the Small Animal Hospital, School of Veterinary Medicine Hannover, Germany n 09/2002 -03/2004 Graduate Doctoral Degree Student in the Department of Vascular Biology & Angiogenesis Research, Tumour Biology Centre, Freiburg, Germany

Dr. Eva Schnabl-Feichter (AT)
Dipl. ECVS

97-02 Veterinary Medicine Study, Veterinary University (Vienna/Austria. 02-03 Veterinarian Mixed Practice (Whitby/United Kingdom). 03-04 Internship, Small Animal Surgery, Veterinary University (Munich/Germany). 04-08 Residency, Small Animal Surgery, Veterinary Faculty (Munich/Germany). 08-10 Senior Surgeon, Small Animal Surgery, Veterinary Faculty (Munich/ Germany). 10-13 Senior Surgeon, Small Animal Referral Clinic (Hollabrunn, Austria). 13- now Teamleader Small Animal Orthopaedics, Veterinary University (Vienna/Austria). Special Interests: Orthopaedics and Traumatology, Gait Analysis in Cats.

Prof. Dr. Karsten Schober (USA)
Dipl. ECVIM-CA

Professional Training and Experience: 1990 Graduation University of Leipzig, Germany. 1990-94 Internship, residency, and thesis (Dr med vet) University of Leipzig, Germany. 1993 Visitor at the Virginia Maryland Regional College of Veterinary Medicine, Virginia Polytechnic Institute and State University, Blacksburg, VA (5 months) n 1994/95 PostDoc Fellow at the Royal (Dick) School of Veterinary Studies, The University of Edinburgh, Scotland, UK. 1995-2003 PhD program and senior lecturer at the Department of Small Animal Medicine, University of Leipzig, Germany. 2002 Habilitation thesis (PhD). 1999/2000 PostDoc Research Fellow at the Department of Veterinary Medicine and Surgery, University of Columbia/Missouri. 2003-present Clinical Assistant Professor, Department of veterinary Clinical Studies, The Ohio State University.
Dr. Jan Schreyer (DE)
Dipl. EVDC


Dr. Nadja Sigrist (CH)
Dipl. ACVECC


Prof. Dr. David Spreng (CH)
Dipl. ECVS, Dipl. ACVECC

1993-1995: The Animal Emergency Center and the Veterinary Institute of Trauma, Emergency and Critical Care, Milwaukee Wisconsin USA, Research Fellow and Resident in Veterinary Emergency and Critical Care Medicine. 1995-2002: Assistant Professor in the Division of Small Animal Surgery, Department of Clinical Veterinary Medicine University of Berne. Since May 2002: Associate Professor in the Division of Small Animal Surgery, Department of Clinical Veterinary Medicine University of Berne. 1995: Diplomate, European College of Veterinary Surgery. 2001: Diplomate, American College of Veterinary Emergency and Critical Care
Prof. Dr. Veronika Stein (CH)
Dipl. ECVN


Dr. Sarah Steinbach (USA)
Dipl. ECVIM-CA, ACVIM

Dr. Steinbach graduated from University of Bern, Switzerland. She completed a Residency in Small Animal Internal Medicine at the Justus-Liebig University, Giessen, Germany and The Royal Veterinary College, London, United Kingdom. After becoming board certified, Dr. Steinbach worked as a Clinical Instructor and Lecturer at the Justus-Liebig University in Giessen, Germany before joining Purdue University in 2015 as Assistant Professor of Small Animal Internal Medicine. She is a Diplomate of the American and European College of Small Animal Internal Medicine. Her main interests are nephrology and urology and she is the Director of the Purdue Veterinary Hemodialysis Service.

Dr. Christiane Stengel (DE)
Dipl. ECVIM

Present Position: Senior Clinician, Speciality Internal Medicine of Companion Animals, Tierklinik Hofheim (Small Animal Clinic), Hofheim, Germany n Professional History: 1998-2003: Doctoral Thesis at the University of Munich. 2000-2001: Assistant Doctor at the Small Animal Clinic for Internal Medicine, University of Munich 2001-2002: Internship, Small Animal Clinic at the University of Munich. 2002-2004: Residency in Small Animal Internal Medicine, Small Animal Clinic for Internal Medicine, University of Munich and Small Animal Internal Medicine, Veterinary Teaching Hospital, University of Georgia, Athens GA, USA n since 2005: Senior Clinician Tierklinik Hofheim. 2008: Diplomate of the ECVIM (subspecialty internal medicine), Fachzierarzt für Innere Medizin der Klein- und Heimtiere.
Gert ter Haar studied veterinary medicine at the Faculty of Vet. Med. in Utrecht, where he graduated in 1997. After an internship and surgical residency in Utrecht, he became a Dipl. of the ECVS in 2002 and Head of the Dept. of ENT at the Univ. of Utrecht in 2003. His research on hearing in dogs led to his PhD thesis, a 220-page book entitled “Age-related hearing loss in dogs” in 2009. On the same day he became President of the International Veterinary Ear Nose and Throat association (IVENTA). He gave over 300 national and international lectures on ENT medicine & surgery, hearing research in dogs and soft tissue/reconstructive surgery in dogs and cats. He joined the surgical team of the Royal Veterinary College in London, UK, in 2011 as a senior lecturer in soft tissue surgery. Currently he is associate professor in soft tissue surgery and head of the ENT department and ENT, Audiology and Brachycephaly clinics at the RVC. His current research involves hearing loss in dogs and cats and brachycephalic obstructive airway syndrome.

Dr. Erik Teske (NL)
Dipl. ECVIM-CA


Prof. Dr. Marc Vandevelde (CH)
Dipl. ECVN

1971: Graduation from University of Gent, B. Dr.med.vet. 1971-1974: Postgraduate training in neuropathology and neurology at Born-Bunge Institute, University of Antwerp, B, and Institute of Comparative Neurology, University of Berne, CH. 1974-1979: Assistant Professor in Neuropathology Scott Ritchey Research Programme, Auburn University, USA. 1980-present: Research and teaching, Institute of Animal Neurology, University of Berne, CH. 1985-2012: Professor of veterinary neurology, University of Berne, Switzerland. Since 2012: Professor emeritus, active in research and continuing education. Over 300 publications incl. original papers, reviews and book chapters on neuropathology and neurology in spontaneous and experimental diseases in animals. Special interests: neuropathology, pathogenesis of infectious diseases of the nervous system.
Prof. Dr. Gerhard Wess (DE)
Dipl. ACVIM, Dipl. ECVIM-CA

Current position: Head of the Cardiology Service, Clinic for Small Animal Internal Medicine, LMU University of Munich, Germany. Awards: Swiss Veterinary Association (SVK): Award for the best young researcher scientific work in 2001. European College for Veterinary Internal Medicine (ECVIM-CA) in 2003: 2nd price for the best overall scientific abstract. European Society for Veterinary Cardiology (2003): best scientific abstract in Cardiology. Other: Member of the ECVIM-CA Credential Committee n Member of the ACVIM Constitutional Committee (Cardiology). Reviewer for multiple international journals. Residency Program Director Cardiology (ACVIM).