

19th Annual Scientific Meeting



European College of Veterinary Surgeons

**Scandic Marina Congress Center
Helsinki, Finland**

July 1 – 3, 2010

General Information

Meeting venue

Meeting venue: Scandic Marina Congress Center, Helsinki, Finland.

During the meeting you may reach the ECVS office as follows:

mobile: +41 (0)79 645 83 00 or by email ecvs@vetclinics.uzh.ch

ECVS Annual Meeting at the Scandic Grand Marina Congress Center, Helsinki, July 1–3, 2010

	before May 30	after May 30
ECVS/ACVS Diplomate	€ 440.– / CHF 650.–	€ 550.– / CHF 810.–
Non member	€ 550.– / CHF 810.–	€ 650.– / CHF 950.–
ECVS Resident/Trainee/Examinee	€ 280.– / CHF 410.–	€ 380.– / CHF 560.–
Post graduate / PhD students	€ 380.– / CHF 560.–	€ 480.– / CHF 710.–
Friday evening – ticket for spouse	€ 50.– / CHF 75.–	
Saturday evening – Banquet ticket for spouse	€ 85.– / CHF 125.–	
For registration on site we will charge an additional	€ 30.– / CHF 50.–	

The registration fee to the Annual Scientific Meeting includes for one person:

- Admission to the 19th Annual Scientific Meeting of the ECVS
- Scientific proceedings CD
- Certificate of attendance
- Coffee/tea breaks
- Lunch during meeting (2)
- Thursday evening – Cocktail at the City Hall
- Friday evening – Boat cruise – please tick box on the registration form to confirm your presence
- Banquet / ECVS Award celebration – Saturday night (1) – please tick box on the registration form to confirm your presence

Pre congress workshop – Small animals – at the Scandic Marina Congress Center

Thursday July 1st

Hybrid external fixation

€ 300.– / CHF 440.–

€ 400.– / CHF 585.–

The registration fee to the pre-congress seminar includes for one person:

- Coffee/tea break and lunch

For detailed information please refer to

www.ecvs.org

Send the registration form along with the payment to:

ECVS office, Vetsuisse Faculty University Zurich, Winterthurerstrasse 260,
CH-8057 Zurich, Switzerland – fax: +41-44-313 03 84

Registration fees are quoted in Euro - American express charges will be effected in Swiss francs:

Payment

The registration is valid when fees are paid! We accept payment by: Master Card, Visa, American Express or by Bank transfer in € (Euro) to the following account:

European College of Veterinary Surgeons at Union Bank of Switzerland UBS, 8050 Zurich – Oerlikon, Switzerland

Euro account IBAN (International bank account number): **CH07 0026 9269 8001 3802 M** / **BIC/SWIFT Code: UBSWCHZH80A**

Cancellation – reimbursement of fees: 50% until June 5, 2010 / 0% after June 25, 2010.

Thursday July 1

Large animal

Combined – state of the art

Chair:

17.00 R. Suuronen Tissue engineering & stem cells

Coffee break

Large animal – resident forum

Chair:

T. Thais Ribera Synovial fibrinolysis activity in horses with inflammatory joint/tendon sheath disease.
Discussant:

G. Hinnigan Distal limb noiceptive threshold measurement following anaesthesia of the deep branch of the lateral plantar nerve in 20 horses.
Discussant:

A. Schönfelder The influence of surgical treated uterine torsion on acute-phase-proteins (haptoglobin, C-reactive protein) in blood plasma of cows.
Discussant:

L. Smith An investigation of risk factors for failure to survive to discharge In 102 cases of volvulus of the ascending large colon in 94 horses: 1998-2009.
Discussant:

Thursday July 1

Large animal

T. Schmid

Locking compression plate osteosynthesis of sacral fractures in heifers

Discussant:

K. Ljungvall

Arthroscopic surgery of the intercarpal joint in standardbred race horses- findings and outcome

Discussant:

J. López-Sanromán

Accelerometric quantification of the locomotor pattern of horses sedated with xylazine

Discussant:

D. Verwilghen

Evaluation of a hydro-alcoholic solution as pre-surgical hand antisepsis in a veterinary setting.

Discussant:

M. Jordana

Comparison of four techniques for synoviocentesis of the equine digital flexor tendon sheath

Discussant:

A.R. Fiske Jackson

Diagnosis, management and outcome of 19 cases of deltoid tuberosity fractures.

Discussant:

Welcome Cocktail at the Helsinki City Hall

Friday July 2

Large animal

In depth – head surgery and teeth

Chair:

08.00	C. Staszuk	Pulp anatomy and pathology with respect to endodontic surgery
	H. Simhofer	Endodontic surgery: where are we now?
	L. Vlaminc	Management of diastemata and periodontal disease
	H. Tremaine	Standing surgery of the head
	C. Lischer	Treatment of mandibular and maxillary fractures
		Discussion

Poster session

Chair:

R. Bell	Comparison of computed tomography, computed tomography with contrast angiography and standing magnetic resonance imaging in horses with lameness localised to the distal limb: 23 cases (2004-2009)
F. Compostella	Transendoscopic laser treatment of guttural pouch tympany in an Arab foal.
U. Delling	Comparison of bone marrow aspiration at the sternum and the tuber coxae in the horse
D. Dias	Ultrasonographic evaluation of experimental jugular vein thrombophlebitis in horses
B. Driessen	Perianesthetic use of acepromazine in the male equine: a retrospective study and opinion poll
S. Freeman	Evaluation of normal findings with a detailed and an abbreviated technique for transcutaneous abdominal ultrasonography in the horse.
L. Gracia Calvo	Security of the vessel sealer <i>Ligasure Atlasm</i> in orchiectomies: clinical study

Friday July 2

Large animal

- J. López-Sanromán Use of decision trees to predict short-term survival in equine surgical colic cases.
- C. Mespoulhés Use of two different plate fixation constructs for ventral cervical fusion in 2 adult horses
- M. Oosterlinck Practical analysis of the hoof pressure distribution in a case of navicular disease.
- L. Østevik Castration of the Vietnamese pot-bellied boar: 7 cases.
- M. Re surgical stabilization of a mandible, premaxilla and palatine fracture in a foal.
- L. Rubio-Martinez Extraperitoneal abscessation after colic surgery in 3 horses
- L. Rubio-Martinez Clinical use of antimicrobial regional limb perfusion in horses: 174 cases
- A. Salciccia Retrospective evaluation of 9 horses with surgical treatment of keratoma.
- D. Santiago Outcome and treatment of horses with foot pathologies detected with magnetic resonance imaging
- D. Scharner Ultrasonographic evaluation of the duodenal motility in healthy horses after application of lidocaine, metoclopramide and neostigmine
- A. Spadari Development of a scoring system as prognostic indicator in colic horse
- T. Spoomakers Use of contrast-enhanced computed tomography (CECT) for evaluation of equine foot pain: a comparison with published magnetic resonance imaging (MRI) data
- S. Stover Role of carpal extension in superficial digital flexor tendon (SDF) Injury
- JM. Vandeweerd Impact of *in vivo* nutraceutical supplementation in ponies on enzymatic and oxidative markers in synovial fluid and chondrocyte cultures
- L. Zarucco Idiopathic flexural limb deformities: Muscle architecture and skeletal geometry in normal and affected newborn foals

Friday July 2

Large animal

Lunch break

Resident / Programme director / Supervisor information

Short communications

Chair

14.00	R. Bell	Intralesional injection of regenerative medicine products as a treatment for tendonitis of the deep digital flexor tendon in the equine distal extremity
	K. Nuss	Osteotomy in craniomaxillofacial surgery: Comparison of three techniques-a cadaver study in horses
	M. Röcken	Endoscopic-assisted electrohydraulic shockwave lithotripsy of calculi in the urinary bladder in standing sedated horses
	P. Brink	Improved surgical techniques for correction of wry nose in 13 horses.

In depth: Interactive surgical case discussion + televoting

Chair:

ECVS Annual Business Meeting – for ECVS Diplomates mandatory

B. Gilger Resident talk – how to examine and treat the traumatic eye

Boat cruise in the Helsinki archipelago

Saturday July 3

Large animal

Short communications

Chair

08.00	A. Bathe	Outcome of 50 cases of sacroiliac joint region pain in horses
	W. Back	Kinematic evaluation of the effect of a 3-month oral glucosamine/chondroitin supplement on the locomotor pattern of a veteran horse population.
	K. Nuss	Comparison of LCP and LC-DCP in a calf femora model
	S. Brandt	Association of bovine papillomavirus with hoof canker
	B. Bladon	Tenoscopic removal of physeal "spike" exostoses from the carpal flexor tendon sheath
	K. Olstad	Induced lesions of osteochondrosis in the distal femur of Norwegian Fjord pony foals

In depth: surgical infection – use of antibiotics

Chair:

	T. Maddox	Biosecurity programme in equine hospitals part I
	K. Thomson	Biosecurity programme in equine hospitals part II
	S. Adams	Orthopaedic infections in equine surgery
	D. Archer	Dealing with infected abdominal wounds and their complications

Lunch

Saturday July 3

Large animal

In Depth: The eye

Chair:

14.00	B. Gilger	Emergenza surgery of the equine eye
	B. Spiess	Vitreotomy in the horse
	B. Spiess	Cyclosporin implants for treatment of uveitis
	B. Gilger	Reconstructive surgery eyelids and use of prosthesis in equine eye

Short communications

Chair

N. Hayah	Angiographic variation of the internal carotid artery in horses
G. Marañon	Possible role of MAP kinase pathways as mediators on intestinal ischemia-induced injury in horses
A. Martens	Detection of EcPV-2 DNA in equine squamous cell carcinomas and normal genital and ocular mucosa
R. Parker	Quantitative evaluation of subchondral bone injury of the plantaro-lateral condyles of the third metatarsal bone in thoroughbred horses identified using nuclear scintigraphy.
A. Stewart	Antimicrobial delivery by intrasynovial catheterization in combination with systemic administration in equine synovial trauma and sepsis cases: a description of the technique and outcome of 38 cases.

Saturday July 3

Large animal

State of the art

Chair:

J. Hernesniemi

Life in neurosurgery

Thursday July 1

Small animal

Combined – state of the art

Chair:

17.00 R. Suuronen Tissue engineering & stem cells

Coffee break

Small animal resident forum

Chair:

M. Rabillard Effect of postoperative doxycycline treatment on MMPs -2, -3, -9, -13 activity in synovial fluids of dogs with cruciate ligament disease.

Discussant:

R. Meeson The effect of in vitro dilution on plasma coagulation as assessed by thromboelastography

Discussant:

D. Leperlier Minimally invasive video assisted (MIVA) canine cervical corpectomy using the Destandau endospine device (DED): cadaver study and preliminary clinical results.

Discussant:

S. Knell Biomechanical comparison of laminar spinal stabilisation and ventral vertebral body plating at the L1-L2 spine segment - an *in vitro* study.

Discussant:

Thursday July 1

Small animal

A. Danielski Validation of lumbosacral neuroforaminal distraction in dogs using a novel intervertebral spacer and magnetic resonance imaging measurement instruments – a cadaveric pilot study

Discussant:

S. Etchepareborde Preliminary experience of the modified maquet technique for repair of cranial cruciate ligament rupture

Discussant:

P. Rochereau Stabilization of coxo-femoral luxation using tenodesis of the deep gluteal muscle: Technique description and short-term relaxation rate in 65 dogs and cats (1995 -2008).

Discussant:

J. O’Riordan Ventral approach to the lumbosacral junction: anatomical study in six canine cadavers

Discussant:

C. Tan Effect of a saw guide on accuracy of osteotomy placement during tibial plateau leveling osteotomy

Discussant:

I. Nicholson Feline talocrural stability following experimental ligamentous injury and prosthetic replacement

Discussant:

Welcome Cocktail at the Helsinki City Hall

Friday July 2

Small animal – orthopaedics

In depth – shoulder**Chair:**

08.00	D. Hulse	Update in arthroscopic technique
	D. Hulse	MGHL injury
	D. Hulse	Biceps tendon injury
		Dicsussion
		Coffee break

Short communications**Chair:**

	J. Milgram	Normograde and retrograde pinning of the distal fragment in canine and feline humeral fractures.
	R. Boudrieau	Structural properties of synthetic bone models compared to native canine bone
	T. Guerrero	Effect of tibial tuberosity advancement on the contact mechanics and the alignment of the Patellofemoral Joint

Small animal – soft tissues

In depth – complications in soft tissue surgery**Chair:**

08.00	S. Baines	Complications in ear surgery in dogs and cats
	P. Mayhew	What can go wrong in biliary surgery?
	G. Dupré	Complications following surgery for diaphragm hernia
	R. White	Technical failures of laryngeal tie-back surgery
		Discussion

Coffee break

Short communications**Chair:**

	H. de Rooster	Bacterial contamination of the ovarian bursae in dogs with pyometra
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Friday July 2

Small animal – orthopaedics

- P. Moissonnier Evaluation of a canine intervertebral spacer: *In vitro* radiographical and biomechanical study of the normal C6C7 vertebral unit after disk fenestration and after spacer placement.
- B. Brisson Evaluation of the efficacy of surgical fenestration for reducing the recurrence of thoracolumbar intervertebral disc extrusions: a prospective, randomized, controlled study.
- K. Ash Synthetic osteochondral transplant for treatment of osteochondritis dissecans of the canine elbow, stifle, and shoulder with arthroscopic and MRI outcome measures
- V. Wavreille True spherical dome osteotomy for acute correction of sagittal and frontal joint axes in dogs with angular and rotational antebrachial deformities (13 limbs)
- H. Radke Kinematic gait analysis of dogs with cruciate ligament rupture – assessment of kinematic parameters and kinematic effects of TPLO surgery
Discussion

Small animal – soft tissues

- M. Manassero Single-incisions-laparoscopic ovariectomy using the SILS-Port in dogs: technique and initial report
- L. Maekin Post-operative pyothorax in dogs undergoing thoracic surgery: Incidence and risk factors.
- R. Vallefucio A fistula flap technique for correction of atresia ani and rectovaginal fistula in four kittens
- V. Fiorbianco Right intercostal insertion of Veress needle for laparoscopy in dogs: a comparative study of two entry points
- J. Milgram Two novel techniques for the relief of tension during repair of urethral defects in dogs. A cadaveric study.
Discussion

Lunch break

**Resident / Programme director
Supervisor information**

Friday July 2

Small animal – orthopaedics**Lunch break****Resident / Programme director
Supervisor information**

In depth – Orthopaedic trauma - implants & technique**Chair:**

14.00	J. Nurmi	Development of biodegradable implants. Past and future
	E. Hirvensalo	Biodegradable materials in orthopedics
	M. Ness	SOP
	L. Déjardin	Minimally invasive plate osteosynthesis in 36 tibial fractures in dogs and cats Discussion

Coffee break

Poster session**Chair:**

A. Bernardé	Mini-invasive endoscopically aided transcutaneous sacro-iliac disjonction repair in dogs and cats using a cannulated screw: prospective survey (19 cases).
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Small animal – soft tissues

In depth – Wounds and skin reconstruction**Chair:**

14.00	D. Anderson	Honey, foam and silver: Choosing the right contact layer
	J. Bray	Experiences with pinch grafts: The last ditch saloon?
	P. Banwell	Vacuum assisted closure: just for suckers?
	L. Owen	Vacuum assisted closure: Veterinary case report Discussion

Coffee break

Friday July 2

Small animal

- P. Böttcher The fate of subchondral bone after autologous osteochondral transplantation in client owned dogs
- N. Bound Assessment of British veterinary practitioners' management of canine osteoarthritis
- L. Brunel Urodynamic changes secondary to compressive spinal cord lesions and surgical decompression
- M. Cantatore Title of abstract: medium term endoscopic assessment of the surgical outcome following laryngeal sacculae resection in brachycephalic dogs
- C. Carozzo Fibular nerve regeneration assessment after section and implantation of empty or matrix containing collagen conduits in dogs
- D. Chase The role of acute phase proteins as prognostic factors in mast cell tumours and sarcomas in dogs.
- F. Collard Treatment of a splenic hemangiosarcoma by laparoscopic splenectomy
- A. Deneuche Spinal epidural empyema due to an extension from a cutaneous abscess in a cat
- A. Deneuche Stabilization of traumatic coxofemoral luxations in dogs and cats using extracapsular suture and bone anchors
- A. Deneuche Ventral hip denervation associated to pectineal myectomy in the dog: a retrospective study of 52 cases
- O. Höglund Ligating the ovarian pedicle during OHE with a new medical device (LigaTie®)
- I. Irubetagoiena An unusual case of type IV Monteggia fracture in a cat.
- I. Irubetagoiena Treatment of rectovaginal fistula and atresia anus in two kittens by posterior sagittal anorectoplasty
- I. Jopp Supra-acetabular suture fixation using bone anchors (cortical screws) for dorsal coxofemoral luxation in dogs and cats
- E. Kulendra Risk factors for complications in dogs undergoing total ear canal ablation and lateral bulla osteotomy: a multivariate analysis of 309 surgical procedures.
- P. Maitre Endoscope-assisted minimally invasive approach in the treatment of thoracolumbar chronic disc herniae. Retrospective study on 23 dogs.
- F. Massari Clinical use of coccygeal axial pattern flap after tumor ecision: 5 cases
- P. Nelissen Arytenoid lateralization for management of combined laryngeal dysfunction in small dogs
- T. Németh Comparison of the clinical outcome of ruptured and non-ruptured splenic haemangiosarcoma in dogs: a retrospective study

Friday July 2

Small animal

- M. Pelaez Jimenez Thoracoscopic vegetal foreign body removal and right middle lung lobectomy for the treatment of an acute pyothorax in a dog.
- P. Rochereau Mini-invasive endoscopically aided transcutaneous sacro-iliac disjunction repair in dogs and cats using a canulated screw: prospective survey (19 cases).
- P. Rochereau Use of auto suture TA staplers for treatment of rectal diverticulum and rectal sacculation associated with perineal hernia: a retrospective study in 46 dogs (2004-2006)
- P. Rochereau Arthroscopic treatment of glenoid injuries in eighteen dogs: a retrospective study (2002-2009)
- M. Sager The clinical relevance of the macro- and microstructure of the labrum glenoidale in dogs
- C. Spackman Development of an ovariohysterectomy model and its use in teaching veterinary students
- M. Stief Thrombocyte and growth factor concentration in autologous conditioned plasma (Arthrex ACP™)
- R. Streubel Description, prevalence and clinical relevance of radiographic evident new bone formation at the medial aspect of the elbows in cats.
- E. Viguier Sensitivity and specificity to determine lameness in dogs with a pressure walkway system
- D. Vnuk Is the magnesium serum concentration important in etiology of perineal hernia?
- J. Wignall The effect of tube size and cuff inflation on airway pressure in a canine tracheostomy tube model.

ECVS Annual Business Meeting – for ECVS Diplomates mandatory

Resident talk

Boat cruise in the Helsinki archipelago

Saturday July 3

Small animal – orthopaedics

In depth: Correction of angular limb deformities

Chair:

08.00–	M. Kowaleski	CORA (Center of Rotation and Angulation) – an introduction
	A. Piras	Current techniques for wedge, curvilinear and dome osteotomies
	A. Piras	Measurement and planning for femoral varus correction
	GL. Rovesti	Principles of deformities correction with CSF

Coffee break

	GL. Rovesti	Surgical technique for progressive correction of antebrachium and tibia
	All	Complex deformities and decision making: Case presentations

Discussion

Lunch

Small animal – soft tissues

In depth: VSSO – Maximally invasive oncology surgery

Chair: J. Kirpensteijn

08.00–	S. Boston	Massive chest reconstructions
	J. Liptak	Total prostatectomy
	G. Romanelli	Total cystectomy
	J. Bray	Hemipelvectomy

Coffee break

	P. Buracco	Rectal pull-through and beyond
	D. Huber	Major nosectomies/ maxillectomies with saving of face
	N. Bacon	Injection sarcoma

Discussion

Lunch

Saturday July 3

Small animal – orthopaedics

In depth: Elbow

Chair:

14.00	H. van Bree	Update on diagnostic imaging in elbow disease
	D. Hulse	Advanced arthroscopic technique
	M. Ness	Incomplete ossification of the humeral condyles (IOHC) UAP: Influence of surgical technique on healing of anconeus
		Coffee Break

In depth: Arthrodesis

Chair:

	S. Clarke	Advances in plate fixation for arthrodesis
	D. Griffon	Complications associated with arthrodesis

Small animal – soft tissues

In depth: Complications in soft tissue surgery – interactive case presentations – televoting

Chair:

14.00

Short communications

Chair:

B. Brisson	Comparison of computed tomographic and radiographic popliteal lymphadenography.
A. Kummeling	Predicting outcome after attenuation of a congenital portosystemic shunt (CPSS)
J. Ryan	Retrospective evaluation of complications and applications of pancreatic biopsy in 54 dogs and cats

Saturday July 3

Small animal

State of the art

Chair:

J. Hernesniemi

Life in neurosurgery

20th

Annual Scientific Meeting

European College of Veterinary Surgeons



Ghent, Belgium

Pre Announcement

7 – 9 July, 2011

Programmes and reservation details can be found on www.ecvs.org
for further information please contact:

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