

23rd Annual Scientific Meeting

July 3–5, 2014

Bella Sky Conference Center
Copenhagen, Denmark

European College of Veterinary Surgeons



A Warm Welcome to Copenhagen, welcome to Denmark!

Dear friends,

Welcome back to Scandinavia, and this time to wonderful Copenhagen.

Copenhagen is one of the most popular conference cities in the world due to its easy accessibility, general level of efficiency and ranks among the most peaceful cities in the world. Copenhagen is a compact city that is easy to navigate. With the majority of hotels and venues centrally located, most of the sights and attractions are within walking distance.

Denmark is the oldest monarchy in the world. Beautiful traces of Copenhagen's 1,000-year history are to be found everywhere. Medieval townhouses in a variety of colors and atmospheric

streetlamps reflected in the cobble stones await you in the old city center. Through the years, however, Copenhagen has transformed itself into one of the world's leading design capitals.

The University of Copenhagen is the biggest university in Scandinavia. Since 2008, the University of Copenhagen has got 2 state-of-the art surgical facilities for Large animals (Taastrup campus) and Small animals (Frederiksberg campus).

The local committee looks forward to welcoming you to an excellent ECVS meeting and a memorable and enjoyable stay in wonderful Copenhagen.

Aziz Tnibar and Asger Wenck

In the name of the local organizing committee

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We would like to thank all our sponsors and exhibitors for their support and presence during the 23rd Annual Scientific Meeting at the Bella Sky Conference Center, Copenhagen, Denmark

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General Information

Meeting venue

Bella Sky Conference Center and Bella Sky Hotel

During the meeting you may reach the ECVS office as follows: mobile: +41 (0)79 645 83 00 or by email info@ecvs.org

ECVS 23rd Annual Scientific Meeting at the Bella Sky Copenhagen, Denmark

	before May 31	after May 31
ECVS/ACVS Diplomate	€ 510.–	€ 610.–
Non member	€ 600.–	€ 700.–
ECVS Resident / Trainee / Examinee	€ 380.–	€ 480.–
Post graduate / PhD students	€ 430.–	€ 530.–
Meet the expert / lunch sessions	€ 75.–	
Saturday evening – Farewell Get together – ticket for spouse / children up to 11 years		€ 110.– / € 60.–
For registration on site we will charge an additional		€ 30.–

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

- Admission to the 23rd Annual Scientific Meeting of the ECVS
- Scientific proceedings CD
- Certificate of attendance
- Coffee/tea breaks
- Lunch during meeting (2)
- Thursday evening – Welcome cocktail at the Bella Sky Conference Center – please confirm your presence
- Friday evening – free evening to explore Copenhagen
- Saturday evening – Farewell Party – please confirm your presence

Small animal – Pre congress activities – Wednesday July 2 and Thursday July 3

Wet labs	before May 31	after May 31
• BioMedtrix – Total hip replacement on Wednesday and Thursday	€ 2500.–	
• Infiniti Medical – Stapling and NPWT (Negative pressure wound therapy) on Wednesday	€ 400.–	€ 500.–
• Infiniti Medical – Tracheal and urethral stenting on Thursday	€ 400.–	€ 500.–
Dry labs		
• Vet Instrumentation – TTA (Tibial tuberosity advancement) Rapid on Wednesday	€ 650.–	€ 750.–
• B.Braun – Targon Vet – Interlocking nail on Wednesday	€ 450.–	€ 550.–
• Kyon – Trochlear replacement on Thursday	€ 650.–	€ 750.–
• Securos – PAX locking plate on Thursday	€ 450.–	€ 500.–
• Everest – TTA bioabsorbable on Thursday	€650.–	€ 750.–
Resident training session		
• case discussion - orthopaedic and diagnostic imaging cases on Thursday 13:00 – 15:00	€ 75.–	

Large animals – Pre congress activities – Wednesday July 2 and Thursday July 3

Wet labs

• Equine upper respiratory surgery - Wednesday	€ 800.–	€ 850.–
• Ocular surgery - Wednesday	€ 700.–	€ 750.–
• Workshop on ultrasonography of the back - Thursday	€ 350.–	€ 400.–
 Resident training session: orthopaedic case discussion - Thursday 13:00 – 15:00	 € 75.–	

For detailed information please refer to www.ecvs.org and make your reservation and payment online!

Programme for partners

(please make your reservation directly online, for information please contact - Judith Huettl: jhuettl-hohl@vetclinics.uzh.ch)

<i>Walking tour Friday morning (2 hours)</i>	€ 25.–	€ 30.–
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During this walking tour you pass the old beach and fishmarket, Christiansborg Castle (outside), the Latin Quarter and you will see some of the Medieval churches, the Round Tower and the cathedral of Copenhagen.

<i>Bus tour on Saturday morning (3 hours)</i>	€ 45.–	€ 50.–
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Discover within three hours by bus Christians Harbour, Amalienborg Palace, Churches, Castles, the famous “Little Mermaid” and of course the modern international architecture in the Danish capital.

Payment

Registration is valid when fees are paid! We accept payment by: Master Card, Visa, American Express (CHF) 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

Registration fees are quoted in Euro – American express charges will be effected in Swiss francs.

Cancellation – reimbursement of fees: 50% until June 15, 2014 / 0% after June 15, 2014.

For any information or queries please contact:

ECVS office, Vetsuisse Faculty University Zurich, Winterthurerstrasse 260, CH–8057 Zurich, Switzerland, phone: +41–44–635 8408 / fax: +41–44–313 03 84

General regulations

Accreditation: Accreditation varies from country to country.

Intellectual property: Congress materials, presentations, and case studies are the intellectual property of the presenting authors. All rights are reserved.

Recording, photographing, or copying of lectures is absolutely forbidden. Participants violating intellectual property will be dismissed.

The ECVS reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The ECVS assumes participants agree that these recorded materials may be used for ECVS marketing and other purposes, and made available to the public.

Security: Wearing of a name tag is compulsory during lectures.

No insurance. The ECVS does not take out insurance to cover any individual against accidents, thefts or other risks.

Mobile phone use: Mobile phone use is not allowed in the lecture halls and in other rooms during lectures. Please be considerate of others by turning off your mobile phone.

Dress code: Casual



Small animal programme

23rd Annual Scientific Meeting

July 3–5, 2014

Wednesday, 2 July and Thursday, 3 July

Pre-congress labs / wet labs

UNIVERSITY OF COPENHAGEN SMALL ANIMAL CLINIC

08:00-17:30/ **Total hip replacement organised by BioMedtrix - Wednesday and Thursday**

07:00-17:00 A. Pozzi, J. Dyce

08:00-14:00 **Stapling and NPWT (Negative pressure wound therapy) organised by Infiniti Medical - on Wednesday**

C. Weisse

08:00-14:00 **Tracheal and Urethral Stenting organised by Infiniti Medical - Thursday**

C. Weisse

Pre-congress labs / dry labs

UNIVERSITY OF COPENHAGEN SMALL ANIMAL CLINIC

09:00-16:00 **TTA (Tibial tuberosity advancement) Rapid organised by Vet Instrumentation – on Wednesday**

Y. Samoy

11:00-18:00 **Targon Vet – Interlocking nail organised by B.Braun – on Wednesday**

M. Unger, M. Brückner

08:00-14.30 **Trochlear replacement organised by Kyon – on Thursday**

A. Vezzoni, A. Torrington, S.Tepic

08:00-15.30 **PAX locking plate organised by Securos – on Thursday**

F.M. Martini, D. Midgley,

09:00-15.30 **TTA bioabsorbable organised by Everost – on Thursday**

M. Owen, M. Bush

Thursday, 3 July

Residents sessions

BELLA SKY CONFERENCE CENTER – AUDITORIUM 11

13:00-14:00 **Orthopaedic case discussion**

L. Theyse

14:00-15:00 **Diagnostic imaging case discussion**

F. Llabres

Start of the main programme

BELLA SKY CONFERENCE CENTER - CENTER HALL E - EXHIBITION AREA

15:00-16:30 **Registration**

Opening Session – State of the art

AUDITORIUM 15

Chair: T. Phillips

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16.30-17.30 **Repair of human articular cartilage: where are we now?**

Prof. Krogsgaard

Resident Forum Soft tissue

AUDITORIUM 11

Chair: G. Dupré

- 17.45-18.00 **Histological evaluation of the soft palate in dogs affected by brachycephalic obstructive airway syndrome**
K. Crosse Discussant: J. Demetriou
- 18.00-18.15 **Long term bile acid concentrations in dogs after complete congenital portosystemic shunt ligation**
P. Bristow Discussant: A. Kummeling
- 18.15-18.30 **The influence of the surgical outcome on blood and cerebrospinal ammonia levels in dogs with congenital extrahepatic portosystemic shunts**
M. Or Discussant: V. Lipscomb
- 18.30-18.45 **Complications and long-term outcome of 29 ureteral stenting in cats treated for ureteral obstruction secondary to calculi**
A. Aertsens Discussant: S. Claeys
- 18.45-19.00 **Peri-operative hormone plasma profiles predict recurrence after trans-sphenoidal hypophysectomy in dogs with corticotroph pituitary adenomas**
S. van Rijn Discussant: G. Niebauer
- 19.00-19.15 **Esophagectomy and gastric substitution in dogs – a cadaveric study**
E. Bitton Discussant: S. van Nimwegen
- 19.15-19.30 **Laparoscopic ovariectomy: A novice's learning curve**
R. Williams Discussant: B. van Goethem
- 19.30-19.45 **Evaluation of the tumor bed biopsy technique in canine and feline oncologic surgery**
K. Harris Discussant: H. L'Eplattenier

Resident Forum Orthopaedic

AUDITORIUM 12

Chair: M. Owen

- 17.45-18.00 **Calculation of magnitude of pre-operative planning of tibial tuberosity advancement using the common tangent and the conventional method: A study of intra and inter observer variation**
S. Martinoli Discussant: R. Boudrieau
- 18.00-18.15 **Biomechanical comparison of pin and tension-band wire vs. novel locking plate fixation in a transverse patellar fracture model in the dog**
S. Gilbert Discussant: S. Rutherford
- 18.15-18.30 **Complex extra-articular proximal third canine tibial fractures: in vitro biomechanical evaluation of four methods of fixation**
V. Guerin Discussant: U. Reif
- 18.30-18.45 **Biomechanical evaluation of the stabilising function of three atlantoaxial implants under shear loading: A canine cadaveric study**
B. Riedinger Discussant: L. Theyse
- 18.45-19.00 **Mid-ulnar ostectomy in the treatment of fragmented coronoid process and radio-ulnar incongruence in young dogs**
L. Stegen Discussant: P. Böttcher
- 19.00-19.15 **Biomechanical comparison of the durability of two locking plate constructs under cyclic loading in torsion – two screws versus three screws per fragment**
A. Bilmont Discussant: S. Knell
- 19.15-19.30 **Impact of femoral varus on complications associated with corrective surgery for medial patellar luxation**
R. Adams Discussant: J. Shani



19.45-20.00 **Isolated turbinectomy of caudal aberrant turbinates in brachycephalic dogs**

R. Schuenemann

Discussant: L. Owen

20.00-20.15 **Minimal invasive implantation of sodium cellulose sulphate (SCS)-microencapsulated porcine islet cells in dogs: An experimental pilot study**

G. Haimel

Discussant: J. Kirpensteijn

19.30-19.45 **The effect of intramedullary pin size and monocortical screw configuration on locking compression plate-rod constructs in an in vitro fracture gap model**

T. Pearson

Discussant: K. Zahn

19.45-20.00 **Three dimensional in vivo kinematography of the canine elbow joint in sound and dysplastic dogs**

T. Schmidt

Discussant: H. Hazewinkel

20.00-20.15 **BMP2 delivered from a CaP/hydrogel construct can promote bone regeneration in a critical sized segmental defect model of non-union in dogs**

K. Minier

Discussant: P. Muir

Welcome get together

CONGRESS FOYER OF THE BELLA SKY CONFERENCE CENTER

20.30-23.00 **Welcome get together at the Bella Sky in the Congress Foyer**

Friday, 4 July

Soft tissue surgery – VSSO/ECVS

AUDITORIUM 10

In depth – maxillofacial oncology

Chair: J. Kirpensteijn

08:30-09:00 Principles of maxillofacial oncologic diagnostics and surgery

A. Reiter

09:00-09:30 Canine malignant melanoma: surgery and vaccination (DNA vaccine & an Italian alternative)

P. Buracco

09:30-10:00 Squamous cell carcinoma in cats & dogs; the multimodal approach

S. Van Nimwegen

10:00-10:30 Tracking head sentinel lymph nodes: Principles, status, use of indirect lymphangiography and methylene blue

H. Brissot

10:30-11:00 Quality of life after major removal: Maxillectomy/Mandibulectomy/Glossectomy

A. Reiter

11:00-11:30 **COFFEE BREAK**

Diagnostic imaging for the surgeon

AUDITORIUM 11

In depth – Challenges in diagnostic imaging

Chair: D. Murgia

08:30-09:15 Future of diagnostic imaging

K. Amort

09:15-09:45 Diagnostic imaging of vessel anomalies: PSS, large vessels, fistulas

F. Llabres

09:45-10:15 **COFFEE BREAK**

10:15-10:45 Urinary tract incontinence imaging

K. Amort

10:45-11:30 Diagnostic imaging of the abdomen: US, CT, MRI. Which evidence

N. Ondreka

Short communication

Chair: J. Demetriou

11:30-11:45 Impact of Gentamicin and microparticulate silver on Methicillin-resistant staphylococcus pseudintermedius biofilm formation on polymethylmethacrylate

A. Singh

Orthopaedic surgery

AUDITORIUM 12

In depth – Patellar luxation

Chair: E. Schnabl

08:30-09:15 Patellar luxation genetic aspects, patellar tendon ratio in small breed dogs

C. Wangdee

09:15-10:00 Patellar luxation and femoral and crural angular and torsional deformities

M. Petazzoni

10:00-10:30 **COFFEE BREAK**

In depth – Patellar luxation in small breed dogs

Chair: M. Owen

10:30-11:00 Trochlear surgery

L. Theyse

11:00-11:30 Tibial crest surgery

J. Shani

11:30-12:00 Soft tissue surgical techniques for patellar luxation

J. Shani

12:00-12:30 Treatment of bidirectional patellar luxation in small breed dogs

L. Theyse

Friday, 4 July (cont.)

In depth – complications after maxillofacial surgery

Chair: J. Sardinas

11:00-11:30 Radiation damage to the face and its treatment

H. L'Eplattenier

11:30-12:00 Treatment options for nasal tumors affecting the maxilla

S. Boston

12:00-12:30 Tips and techniques for the combined approach for caudal maxillectomy-inferior orbitectomy

J. Liptak

12:30-14:30 **LUNCH BREAK**

11:45-12:00 Comparison of plasma concentrations of lidocaine in dogs following application of a lidocaine patch over an incision compared to intact skin.

D. Robinson

12:00-12:15 Evaluation of the renal effect of cimicoxib in mature dogs submitted to a hypotensive challenge during general anesthesia.

J. Menard

12:15-12:30 Pulmonary injury and systemic inflammation during cardiopulmonary bypass in a porcine model

G. Chanoit

12:30-12:45 Evaluation of radiofrequency ablative energy for resection of overlong soft-palate in the dog – a pilot study

A: Bilmont

12:45-13:00 Experimental assessment of sealing time, maximum working temperature and thermal tissue damage for comparing three tissue-sealing systems in a porcine model

T. Nemeth

12:30-13:00 Review of outcomes in treating patellar luxation in small breed dogs

13:00-14:30 **LUNCH BREAK**

13:00-14:30 **LUNCH BREAK**



Friday, 4 July (cont.)

CONFERENCE ROOM 23

13:15-14:00 **Meet the expert – Post-operative treatment of PSS**

K. Tobias

CONFERENCE ROOM 24

13:15-14:00 **Meet the expert – Preoperative radiographic evaluation for THR . Not simply templating: surgical rehearsal**

J. Dyce

CONFERENCE ROOM 25

13:15-14:00 **Meet the expert – it's not just a cruciate - case based discussion on complex CCLR, including identification and management of concurrent deformities, concurrent MPL, steep TPA, infection and more**

A. Pozzi

AUDITORIUM 10

13:15-13:45 **Information session for residents and supervisors: credentials / grants / exam**

Soft tissue surgery – VSSO/ECVS

AUDITORIUM 10

In depth – maxillofacial reconstruction

Chair: F. Verstraete

14:30-15:00 **Reconstruction of mandible & lips**

J. Farese

15:00-15:30 **Novel skin reconstruction techniques of the maxillofacial area**

G. Ter Haar

15:30-15:50 **Treatment of odontogenic cysts**

L. Theyse

15:50-16:15 **COFFEE BREAK**

In depth - Salvage procedure / Urinary tract

AUDITORIUM 11

Chair: V. Lipscomb

14:30-15:00 **Subcutaneous ureteral bypass**

C. Weisse

15:00-15:30 **What to do with a failed perineal urethrostomy**

K. Tobias

15:30-16:00 **Which should I choose?... prepubic/subpubic/transpubic urethrostomies**

A. Bernardé

16:00-16:30 **COFFEE BREAK**

Orthopaedic surgery

AUDITORIUM 12

In depth – Patellar luxation 2

Chair: J. Shani

14:30-15:00 **Corrective osteotomies in treating patellar luxation (in large breed dogs)**

M. Petazzoni

15:00-15:30 **Trochlear prosthesis**

S. Tepic

15:30-16:00 **Cranial cruciate ligament disease and patellar luxation**

16:00-16:30 **COFFEE BREAK**

Friday, 4 July (cont.)

Short communication: Soft tissue surgery

Chair: G. Chanoit

- 16:15-16:30 **Radical cystectomy and bilateral subcutaneous ureterovesicular bypass (SUB) placement for advanced urinary bladder cancer in dogs**
C. Weisse
- 16:30-16:45 **Evaluation of efficacy of systemic adjuvant therapy for canine oral malignant melanoma after surgical excision: a VSSO retrospective study of 151 cases**
S. Boston
- 16:45-17:00 **The effect of specimen preparation on post excision and post fixation shrinkage, rotational and lateral translation in dogs**
M. Risselada
- 17:00-17:15 **The myth of lateral bulla osteotomy: Long term outcome for 160 total ear canal ablation procedures performed without lateral bulla osteotomy.**
S. Martinoli
- 17:15-17:30 **Clinical evaluation of the coccygeal axial pattern flap: A multi institutional retrospective study in 13 dogs**
V. Montinaro
- 17:30-17:45 **Surgical techniques in prepubertal ovariectomy in kittens**
H. de Rooster

Chair: A. Hamaide

- 16:30-17:15 **Decision making in urethral trauma**
V. Lipscomb
- 17:15-17:45 **Urinary tract tubes and systems for salvaging tricky cases**
C. Weisse
- 17:45-18:00 **Discussion**

Short communication: Neuro- orthopaedic

Chair: G. Schwarz

- 16:30-16:45 **Design, synthesis, imaging, and biomechanics of a softness-graded hydrogel nucleus pulposus prosthesis in a canine lumbar spine model**
H. Kranenburg
- 16:45-17:00 **Motion capture analysis of the mechanical performance of a novel pedicle screw-rod fixation system for the canine lumbosacral joint**
C. Zindl
- 17:00-17:15 **Assessment of different implants for lateral plating in feline ilial fractures and the impact on pelvic canal narrowing and its clinical relevance**
S. Knell
- 17:15-17:30 **Intramedullary pin size selection for open and closed normograde pinning of the distal humerus**
J. Milgram
- 17:30-17:45 **Canine synovial fluid: relationship between automated total nucleated cell count and enumeration of cells on direct smears**
P. Muir
- 17:45-18:00 **Is extradural pressure an indicator of value in thoracolumbar disk disease? A preliminary prospective study in clinical cases**
P. Moissonnier



Friday, 4 July (cont.)

Resident presentation

AUDITORIUM 10

18.10-19.00 How to prepare and present a scientific abstract

A. Pozzi

ECVS Annual Business Meeting for ECVS Diplomates mandatory

AUDITORIUM 15

18.10-19.30 ECVS Annual Business Meeting for ECVS Diplomates mandatory

Evening free to explore Copenhagen

Saturday, 5 July

Soft tissue – Wound healing – technology

AUDITORIUM 10

In depth – adjuvant therapies

Chair: D. Anderson

08:30-09:15 **Research in wound healing: bridging the gap – laboratory to clinician**

F. Gottrup

09:15-10:00 **Honey/Maggots/Leeches What is the evidence**

K. Tobias

10:00-10:30 **The evidence base for adjuvant wound healing in human medicine**

F. Gottrup

10:30-11:00 **VAC: Science and clinical cases**

K. Tobias

11:00-11:30 **COFFEE BREAK**

In depth – challenging wounds

Chair: V. Lipscomb

11:30-12:00 **Update on burn wounds**

J. Bray

12:00-12:30 **Managing bandage/cast injuries**

D. Anderson

12:30-13:00 **Options for reconstructing weightbearing surfaces**

J. Bray

Maxillofacial surgery

AUDITORIUM 11

In depth– facial trauma

Chair: D. Koch

08:30-09:00 **Diagnostic imaging procedures for facial trauma patients**

F. Verstraete

09:00-09:30 **Internal fixation of comminuted maxillofacial fractures in dogs**

F. Verstraete

09:30-10:00 **Dental approach of jaw fracture treatment**

O. Gauthier

10:00-10:30 **Treatment of non-union mandibular fractures and mandibular reconstruction in dogs**

F. Verstraete

10:30-11:00 **COFFEE BREAK**

In depth– facial trauma, special issues

Chair: E. Viguier

11:00-11:30 **Surgical repair of severe acquired palatal defects in dogs**

F. Verstraete

Orthopaedic

AUDITORIUM 12

In depth – total hip replacement

Chair: P. Böttcher

08:30-09:00 **Canine THR - a good, a bad or a slow idea?**

S. Tepic

09:00-10:00 **Lessons learned from the BioMedtrix THR certification program.**

J. Dyce

10:00-10:30 **Mechanical benchmarking of the properties between press fit and screw anchorage of THR implants**

M. Arbabian

10:30-11:00 **COFFEE BREAK**

11:00-11:30 **Issues with the femoral stem, including subsidence in cementless (BioMedtrix BFX) stems: risk factors and strategies for avoidance**

A. Pozzi

11:30-12:00 **Managing acetabular complications of THR using the Kyon cup**

A. Vezzoni

13.00-14.15 **LUNCH BREAK**

11:30-12:00 **Management of temporomandibular joint problems and differentials**

A. Reiter

12:00-12:30 **Pseudo-ankylosis of the TM joint**

L. Theyse

12:30-12:45 Discussion

12:45-14.15 **LUNCH BREAK**

12:00-12:30 **Acetabular revision using the cementless (BioMedtrix BFX) cup: indications, surgical technique, results**

J. Dyce

12:30-13:00 **Don't dogs with hip dysplasia deserve total hip replacement?**

A. Vezzoni

13.00-14.15 **LUNCH BREAK**

CONFERENCE ROOM 23

13.00-13.45 **Meet the expert – Soft tissue sarcomas**

J. Bray

CONFERENCE ROOM 24

13.00-13.45 **Meet the expert – Postoperative radiographic assessment of THR. Differentiation of adaptive remodelling from pathology**

J. Dyce

CONFERENCE ROOM 25

13.00-13.45 **Meet the expert – Challenges in management of meniscal injury**

A. Pozzi



Saturday, 5 July (cont.)

Poster session - soft tissue & orthopaedic combined

AUDITORIUM 10

14.15-15.15

Chair: G. Dupré

Evaluation panel soft tissue : S. Bureau & G. Chanoit

Evaluation panel orthopaedic: E. Schnabl & H. Radke

During Friday 4 soft tissue- and 4 orthopaedic posters of the two lists below will be selected for presentation:

Posters - soft tissue

En bloc resection of a large hepatic mass by central and left divisional hepatic lobectomy in dogs

K. Asano

Chondrodysplastic mass of the larynx in a dog

C. Bismuth

Clinical outcome of dogs undergoing partial pancreatectomy. A multicentre retrospective study of 36 cases

D. Carwardine

Surgical approach to esophageal duplication cyst in a dog: a case report

A. Foglia

The subcutaneous parapreputial pocket: a way to prevent urethral Foley catheter displacement for the management of urethral trauma in male dogs. Description of the technique and preliminary result

A. Deneuche

Bilateral perineal hernia repair with polypropylene mesh (2006-2011). A retrospective study on thirty dog cases.

P. Garcia-Fernandez

Posters - orthopaedic

Complex surgical repair of a traumatic premaxillary degloving injury in a dog

A. Aertsens

Modified maquet technique for treatment of canine cranial cruciate ligament Injury: Early results, complications and risk factors in 109 dogs

N. Barthélmey

Clinical application of the Synthes LCP plate in traumatic injuries in cats

A. Boero Baroncelli

Prediction of bending stiffness of a canine long bone (humerus) by finite element analysis and validation by ex vivo mechanical tests

B. Böhme

Two cases of fracture-associated fibrosarcoma in cats

B. Degasperis

Necrotizing fasciitis in ten dogs: retrospective evaluation of surgical treatment and long-term outcome

S. Del Magno

The effect of a body-weight-supported standing and walking training system on weight bearing and function in the legs of healthy dogs

K. Edamura

Saturday, 5 July (cont.)

Posters - soft tissue (cont.)

Pyothorax resulting from a caudal mediastinal paraesophageal abcess in a dog treated by thoracoscopy

P. Haudiquet

Outcome of a combination surgery with thoracic duct ligation, partial pericardiectomy and cisterna chyli ablation for treatment of idiopathic chylothorax in 11 dogs.

K. Ishigaki

Parotid abscesses in dogs : two cases

D. Jacques

Concentrations of serum amyloid A, C-reactive protein, iron and albumin as possible markers for sepsis in female dogs with pyometra

S. Jitpean

Thoracodorsal axial pattern flap: Re-evaluation of thoracodorsal artery origin and arborisation in the dog.

L. Liehmann

Morphological evaluation of experimental autologous rectus fascia sheath vascular grafts used for arterial replacement in a dog model

T. Németh

Multi-resistant and extended spectrum beta-lactamase/AmpC-producing E coli and Klebsiella spp in dogs treated with antibiotics

S. Östberg

Cystic adrenocortical adenoma in a cat: clinical and pathological findings

G. Spinella

Posters - orthopaedic (cont.)

Spinal neurenteric cyst in a dog

F-X. Ferrand

Combination of triple tibial osteotomy and a coplanar medial closing wedge osteotomy of the proximal tibia for the treatment of cranial cruciate ligament rupture associated with proximal tibial deformities

F-X. Ferrand

Canine diffuse idiopathic skeletal hyperostosis (DISH) and spondylosis deformans: two different disorders

H-J. Kranenburg

Atlantoaxial instability with incongruence: Imaging findings and surgical treatment in 5 dogs.

L. Malfassi

Cementless acetabular cup rotation: artificial bone implantation, theoretical and finite element analyses with correlation to surgery

W. McCartney

Pre- and post surgical computer tomographic evaluation in patients with coronoid disease treated arthroscopically

C. Peppler

Surgical stabilization of bilateral slipped capital femoral epiphysis in a Maine Coon

P. Haudiquet

Radiation therapy in painful osteoarthritis in dogs. Analgesic efficacy and duration of the analgesic effect

P.A. Schmierer

Saturday, 5 July (cont.)

Posters - soft tissue (cont.)

The use of flesh tunnels for the management of laryngeal collapse in dogs

T. Tinterud

15:15-15:45 **COFFEE BREAK**

Posters - orthopaedic (cont.)

Surgical treatment of 14 vertebral fractures and luxations stabilized with screws and PMMA via a lateral approach

S. Scotti

RidgeStop® novel implant for patellar groove augmentation for patellar luxation

J. Shani

The impact methicillin-resistant *Staphylococcus pseudintermedius* colonization as a risk factor for surgical site infection in dogs following tibial plateau leveling osteotomy

A. Singh

Longterm clinical and radiographic outcome after the arthroscopic treatment of elbow osteochondritis dissecans in dogs.

A. Spillebeen

Functional anatomy of anteromedial and posterolateral bands of the cranial cruciate ligament in dogs

K. Tanegashima

Clinical and MRI characteristics of lumbar disseminated idiopathic spinal hyperostosis (DISH) in 18 dogs

A. Togni

Appendicular fractures repair in cats and small dogs using 2.0 and 2.4 LCPs

R. Vallefucio

Bone mineral density (BMD) loss after intracapsular cranial cruciate ligament replacement: a 12 month study in sheep

V. Viateau

15:15-15:45 **COFFEE BREAK**

Saturday, 5 July (cont.)

Soft tissue

AUDITORIUM 10

In depth: Challenging wounds

Chair: E. Friend

15:45-16:15 **Bite wounds**

D. Brockman

16:15-17:30 **Clinical cases and discussions**

K. Tobias, J. Bray, D. Anderson, D. Brockman

Short communications

AUDITORIUM 11

Chair: E. Comerford

15:45-16:00 **Pathological changes in the lateral compartment in elbows of dogs affected with medial compartment disease: Preliminary results**

M. Bielecki

16:00-16:15 **Developing an indexed testing battery for measuring stifle functionality and rehabilitation outcome; the Finnish canine stifle index, FCSI**

H. Hyytiäinen

16:15-16:45 **Radiographic risk factors for contralateral ligament survival in dogs with unilateral non-contact cranial cruciate rupture.**

P. Muir

16:45-17:00 **Comparison of radiographic measurements of the patellar tendon-tibial plateau angle with anatomical measurements in dogs**

C. Bismuth

17:00-17:15 **Modified cranial closing wedge ostectomy for the treatment of high and excessive tibial plateau angle.**

A. Wallace

Orthopaedic

AUDITORIUM 12

In depth: THR challenges and the future

Chair: M. Unger

15:45-17:00 **Panel discussion: Challenging cases**

J. Dyce, A. Pozzi, S. Tepic, A. Vezzoni

17:00-17:30 **Canine hip replacement - can we accelerate its uptake?**

S. Tepic



Saturday, 5 July (cont.)

Closing Session – State of the art – Jörg Auer lecture

AUDITORIUM 15

Chair: D. Anderson

17:45-18:30 An integrated, multidisciplinary wound-healing department improves standards of patient care and outcomes, education and clinical research

Prof. F. Gottrup

18:30-19:00 Awards and closing remarks

Farewell

19:45 Bus departure from the Bella Sky Hotel

20:30-23:30 Farewell Party - standing dinner with fingerfood at *Tivoli gardens Aquarium*



Large animal programme

23rd Annual Scientific Meeting

July 3–5, 2014

Wednesday, 2 July

Pre-congress wet-labs

UNIVERSITY OF COPENHAGEN LARGE ANIMAL CLINIC

- 08:30-17:30 **Equine upper respiratory surgery**
F. Rossignol, J. Boening, E. Strand, J. Fjeldborg
organised by C. Mespoulhes, A. Tnibar and S. Jacobsen and supported by Arthrex Vet Systems
- 08:30-17:30 **Ocular surgery**
D. Brooks, R. McMullen, M. Grauwels
organised by D. Verwilghen
-

Thursday, 3 July

Workshop

UNIVERSITY OF COPENHAGEN LARGE ANIMAL CLINIC

- 08:30-12:00 **Ultrasonography of the back**
J.M. Denoix
organised by A. Tnibar, M. Cristophersen

Residents sessions

BELLA SKY CONFERENCE CENTER – AUDITORIUM 12

- 13.00-15.00 **Orthopaedic case discussion**
J. Boswell and M. Valdés

Thursday, 3 July (cont.)

Start of the main programme

BELLA SKY CONFERENCE CENTER - CENTER HALL E - EXHIBITION AREA

15.00-16.30 Registration

Opening Session – State of the art

AUDITORIUM 15

Chair: T. Phillips

.....

16.30-17.30 **Repair of human articular cartilage: where are we now?**

Prof. Krogsgaard

Resident Forum

AUDITORIUM 15

Chair: A. Rijkenhuizen

.....

17.45-18.00 **Comparison of the repair of fore- and hindlimb surgically induced core lesions of the equine superficial digital flexor tendon**

R. Estrada

Discussant: F. Geburek

18.00-18.15 **Evaluation of two pre-surgical iodine-based disinfection protocols of the equine peripodal region**

J. Johnson

Discussant: D. Verwilghen

18.15-18.30 **Tendonitis of the distal branches of the superficial digital flexor tendon in Standardbred racehorses: 15 cases (2004-2011)**

C. Tricaud

Discussant: E. Singer

Thursday, 3 July (cont.)

18.30-18.45 **An anatomical and histological study of the proximal manica flexoria in the horse**

J. Findley

Discussant: H. Wilderjans

18.45-19.00 **Computer tomographic configuration of incomplete proximal fractures of the proximal phalanx in horses not used for racing**

H. Brünisholz

Discussant: T. Greet

19.00-19.15 **Frequency of digital flexor tendon sheath and distal interphalangeal joint penetration when using a direct endoscopic approach to the navicular bursa in horses**

J. Kane-Smyth

Discussant: F. Rossignol

19.15-19.30 **The effect of sedation on evaluation of subtle lameness in horses using body-mounted inertial sensors**

M. Rettig

Discussant: J. Kümmerle

19.30-19.45 **The effect of adipose tissue-derived mesenchymal stem cells on neovascularisation of surgically induced superficial digital flexor tendon lesions in horses**

P. Conze

Discussant: M. Schramme

19.45-20.00 **Efficacy of ultrasound-guided local analgesia of the maxillary nerve within the pterygopalatine fossa in the horse**

K. Nottrott

Discussant: M. Voermans

20.00-20.15 **Comparative study of the approach to and examination of the navicular bursa by needle-view endoscopy via the conventional and the transthecal approach**

K. Mählmann

Discussant: M.R.W. Smith

Welcome get together

CONGRESS FOYER OF THE BELLA SKY CONFERENCE CENTER

20.30-23.00 **Welcome get together at the Bella Sky in the Congress Foyer**

Friday, 4 July

In depth - the equine axial skeleton

AUDITORIUM 15

Chair: T. Phillips

08:30-08:55 **Imaging of the equine back**

J.M. Denoix

08:55-09:05 **Arthroscopy of the articular facets of the axial skeleton**

M. Pepe

09:05-09:20 **Kissing spines: diagnosis and standing resection of the interspinous ligament**

R. Coomer

09:20-09:30 **Kissing spines: standing resection of impinging spinous processes**

R. Payne

09:30-09:40 **Wedge ostectomy under GA for management of impinging dorsal spinous processes**

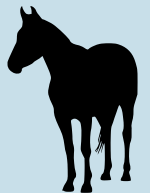
B. Jacklin

09:40-10:05 **Conservative approach to equine back problems**

J.M. Denoix

10:05-10:30 **Panel discussion**

10:30-11:00 **COFFEE BREAK**



Friday, 4 July (cont.)

Short communications - general

AUDITORIUM 15

Chair: A. Tnibar

11.00-11.15 **Ultrasound-guided trans-arterial coil embolisation of the internal and external carotid artery in horses**

J. Muñoz

11.15-11.30 **Modified laryngeal tie-forward procedure for treatment of assymetric small cleft palates in the horse**

M. Röcken

11.30-11.45 **Indications, complications and outcome of 54 horses undergoing repeat celiotomy within 14 days after colic surgery**

D. Bolt

11.45-12.00 **Canaliculostomy as surgical treatment of obstructed nasolacrimal duct in 8 horses**

P. Brink

12.00-12.15 **The GR trocar: an alternative to laparoscopy for the closure of the nephrosplenic space in the standing horse**

C. Bussy

12.15-12.30 **Risk factors associated with surgical site infection following exploratory laparotomy in horses**

S.J.M. Darnaud

12.30-14.00 LUNCH BREAK

CONFERENCE ROOM 21

13.00-13.45 **Meet the expert – Tricks and pitfalls in corneal surgery**

D. Brooks

AUDITORIUM 10

13.15-13.45 **Information session for residents and supervisors: credentials / grants / exam**



Friday, 4 July (cont.)

In depth: Ophthalmology

AUDITORIUM 15

Chair: D. Verwilghen

14.00-14.30 **Surgery of the eyelids**

M. Grauwels

14.30-15.10 **Medical and surgical management of corneal ulcers: new developments**

D. Brooks

15.10-15.45 **Diagnosis and management of equine uveitis, including equine recurrent uveitis**

D. Brooks

15.45-16.00 **Discussion**

16.00-16.30 **COFFEE BREAK**

Surgical case based discussion

16.30-18.00 **Surgical Case based discussion: what can you learn from my complications?**

Chair: T. Phillips

Panel : D. Frisbie, M. Valdez, R. Payne, J. Boening, J. Boswell



Resident presentation

AUDITORIUM 11

18.10-19.00 Investigation and treatment of hock related lameness

D. Frisbie

ECVS Annual Business Meeting for ECVS Diplomates mandatory

AUDITORIUM 15

18.10-19.30 ECVS Annual Business Meeting for ECVS Diplomates mandatory

Evening free to explore Copenhagen



Saturday, 5 July

Short communications - orthopaedic

Chair: P. Clegg

- 08:30-08:45 **Osteoclast counts in subchondral bone correlate with overlying cartilage degradation in equine carpal joint osteoarthritis**
A. Bertuglia
- 08:45-09:00 **Reproducibility and feasibility of acoustoelastography in the normal equine superficial digital flexor tendon**
S. Brounts
- 09:00-09:15 **A controlled clinical trial on the efficacy of an intra-articular polyacrylamide hydrogel in horses with osteoarthritis**
A. Tnibar
- 09:15-09:30 **Low-field magnetic resonance imaging of equine stifle disorders: 70 cases (2011-2013)**
M. Waselau
- 09:30-09:45 **Kerf cut cylinder implantation for distal tarsal fusion in horses**
A. Biedrzycki
- 09:45-10:00 **The racing performance of Swedish Standardbred trotting horses with proximal palmar/plantar first phalangeal (Birkeland) fragments compared to disease free controls**
J. Carmalt

10:00-10:30 **COFFEE BREAK**

In depth: joint disease

Chair: M. Schramme

- 10:30-10:50 **Diagnostic imaging of the equine stifle**
J.M. Denoix



Saturday, 5 July (cont.)

- 10.50-11.15 **Diagnostic arthroscopy of the equine stifle**
D. Frisbie
- 11.15-11.35 **Is there such thing as spontaneous cartilage repair in the horse?**
P. Brama
- 11.35-12.00 **What's new in surgical and medical management of equine osteoarthritis**
D. Frisbie
- 12.00-12.15 **Equine interzone cells: the next generation of stem cells?**
F. Jenner
- 12.15-12.30 **Discussion**

12.30-14.00 **LUNCH**

CONFERENCE ROOM 21

- 13.00-13.45 **Meet the expert – tips and tricks in stifle arthroscopy**
D. Frisbie

In depth: respiratory

AUDITORIUM 15

Chair: L. Vlaminck

- 14.00-14.40 **Accurate diagnosis of upper airway dynamic obstructions: a critical guide to surgical success**
E. Van Erck
- 14.40-14.55 **Surgery of the alar folds**
E. Strand
- 14.55-15:20 **Tie-back surgery in the standing horse: technique and results**
F. Rossignol
- 15.20-15.45 **Results of the implantation of stimulators for equine RLN treatment**
C. Mespoulhes
- 15.45-16.00 **Discussion**

Saturday, 5 July (cont.)

Poster Session

16.30-17.30 M.R.W. Smith and F. Jenner

During Friday 8 of the following posters will be selected for presentation:

***In vitro* comparison of three techniques for anchoring the muscular process in equine laryngoplasty for their ability to open the left arytenoid**

O. Brandenberger

Surgical treatment of tracheal collapse in a pony using sterile zip-ties

O. Brandenberger

Advances in equine diagnostic arthroscopy: intra-articular ultrasound and intra-articular optical coherence tomography

H. Brommer

Pelvic flexure enterotomy closure with a TA-90 stapling device: a retrospective clinical study

S. Brounts

Comparison of surgical closure of equine pelvic flexure enterotomies with a TA-90 stapling device and hand-sewn closure

S. Brounts

Factors influencing survival and mortality rates. A retrospective study of 1588 equine Danish colic cases.

M.T. Christophersen

Arthroscopic removal of osteochondral fragments in the dorsal pouch of the proximal intertarsal (talocalcaneal) joint via direct approach in 11 horses

E. Compagnie

Arthroscopic removal of large extensor process fragments : optimisation of technique favours long- term outcome in Friesian horses

E. Compagnie

Surgical treatment of stress urinary incontinence in a 20 year old SB broad-mare by a modified human transvaginal tape sling (TVT) technique

T. de Beuregard

Treatment of recurrent urethrolithiasis in a gelding using holmium:yttrium-aluminium-garnet laser lithotripsy

U. Delling

Use of a mobile swinglifter for continuous relief of the musculoskeletal system in horses with weight bearing difficulties

C. Elmas

Saturday, 5 July (cont.)

String-of-pearls locking plates to correct wry nose in a foal

L.J. Ezquerro Calvo

Activation or not of platelet-rich plasma for treatment of equine tendonitis?

R. Ferro de Godoy

Does time matter for platelets-rich plasma treatment for equine tendinitis therapy?

R. Ferro de Godoy

Bone marrow mesenchymal stem cells stimulate osteogenesis and bone repair in horses

R. Ferro de Godoy

Congenital bilateral aplasia of the metacarpophalangeal joint in a foal

M. Jordana Garcia Mireia

Are equine venipuncture sites equal with regard to Packed Cell Volume and Total solids results?

G. Kelmer

Evaluation of the pharmacokinetics of marbofloxacin in combination with imipenem following regional limb perfusion in horses

G. Kelmer

Serum amyloid A is expressed in cultured equine synoviocytes stimulated with pro-inflammatory cytokines in vitro

S. Ladefoged

Is acepromazine a good choice for lameness investigation in fractious horses? An accelerometric evaluation

J. Lopez-Sanroman

Prevalence of osteochondrosis in Spanish Purebred horses

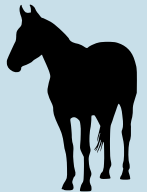
J. Lopez-Sanroman

Metalloproteinase levels are elevated in the intestine of horses subjected to colic surgery

G. Marañón

3T MRI and histological evaluation of vascularization of epiphyseal growth cartilage of femoral trochleas of foals predelicted to Osteochondrosis

G. Martell



Endoscopic anatomy of the normal equine guttural pouch

P. Piat

Arterial calcification of peripheral vessels in yearling Thoroughbreds presented at national Thoroughbred sales in New Zealand

C.G. Quinn

Use of Micro-Lightguide Spectrophotometry (O2C®) in the small and large intestine in horses

C. Reichert

Alleviation of chronic epiphora by redirection of nasolacrimal drainage into the caudal maxillary sinus

C. Robinson

Evaluation of equine femorotibial joint space width

P. Trencart

The impact of equine lameness on horses and their owners in the UK and Ireland

K. Uprichard

Can cryosurgery be used for treatment of back pain in horses? A preliminary histological study

J.-M. Vandeweerd

Computed tomography and magnetic resonance anatomy of the normal orbit and eye of the horse

J.-M. Vandeweerd

Prognosis following internal fixation of chronic proximal phalangeal fractures in horses: 31 cases

A. Velloso Alvarez

Aryepiglottic fold augmentation: a treatment option for a newly described condition of late-onset dysphagia following prosthetic laryngoplasty and ventriculectomy

A. Vidovic

Saturday, 5 July (cont.)

Closing Session – State of the art – Jörg Auer lecture

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- 17:45-18:30 **An integrated, multidisciplinary wound-healing department improves standards of patient care and outcomes, education and clinical research**
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24th Annual Scientific Meeting

July 2–4, 2015

Hotel Intercontinental
Berlin, Germany

The deadline for abstract submission is
November 15, 2014 - please follow the instructions carefully!
(www.ecvs.org)

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