Small Animal Programme
27th Annual Scientific Meeting
July 5-7, 2018
Wednesday, 4 July

Pre-Congress Labs

ATHENAEUM INTERCONTINENTAL - OMIKRON 1+2 (-1 LEVEL)

08:00-18:00  Master Workshop Small Animal Arthrodesis
dry lab sponsored by AOVET
A. Piras, T. Gemmill, A. Pozzi, K. Parsons

Thursday, 5 July

Resident Session

ATHENAEUM BALLROOM I

13:00-13:40  ECVS Exam - what to expect
L. Theyse, T. Witte

13:40-15:40  Clinical case-based exam expectations
Exam Committee

Main Programme

-1 LOBBY
15:00-16:30  Registration

ATHENAEUM INTERCONTINENTAL

08:00-12:00 / 13:00-16:00  Veterinary Practice Business Management - lecture sponsored by Oculus Insights
YPSILON 3 (-1 level)
R. Kieboom, J. Loomans

09:00-11:00  NPWT & Surgical Stapling Lab - dry lab sponsored by Infiniti Medical
OMIKRON 2 (-1 level)
J. Hall

08:00-15:00  CBLO for Cruciate Management - dry lab sponsored by Veterinary Orthopedic Implants
YPSILON 4+5 (-1 level)
D. Hulse, F. Bernard, L. Peycke
Thursday, 5 July

Opening Session - State of the Art

ATHENAEUM BALLROOM II+III (-2 LEVEL)

Chair: R. Smith

16:30-17:30  
History of the Art of Surgery  
J. Auer

Resident Forum Orthopaedic

ATHENAEUM BALLROOM III (-2 LEVEL)

Chair: S. Corr

17:45-18:00  
Accuracy of patient-specific 3D-printed osteotomy and reduction guides for distal femoral osteotomy for medial patellar luxation in dogs  
E. Hall  
Discussant: M. Owen

18:00-18:15  
Mechanical properties of the canine medial meniscus  
V. Livet  
Discussant: J. Innes

18:15-18:30  
Kinematics of the Feline Antebrachiocarpal Joint from Supination to Pronation  
R. Basa  
Discussant: S. Langley-Hobbs

18:30-18:45  
Development of a personalised interbody device for treatment of canine disc associated cervical spondylomyelopathy  
M. Joffe  
Discussant: P. Moissonnier

18:45-19:00  
Cervical fusion after distraction-fixation in 10 dogs with caudal cervical spondylomyelopathy  
T. Reints Bok  
Discussant: B. Meij

19:00-19:15  
Biomechanical Comparison of 2.0mm LCP and 2.0mm LCP Notched Head T-Plate in a Synthetic Distal Radius Fracture Model  
G. Bird  
Discussant: J. Milgram

Resident Forum Soft Tissue

YPSILON (-1 LEVEL)

Chair: St. Bureau

17:45-18:00  
J. Carabalona  
Discussant: J. Ladlow

18:00-18:15  
A novel minimally invasive surgical approach for prophylactic laparoscopic gastropexy: study of 21 cases  
C. Deroy  
Discussant: J. Kirpensteijn

18:15-18:30  
Evaluation of a pre-tied ligature loop for canine total lung lobectomy  
A.M. Cronin  
Discussant: B. de la Puerta

18:30-18:45  
Partial cystectomy as treatment of recurrent bacterial urinary tract infection; a retrospective study in 33 dogs  
J. Visser  
Discussant: V. Lipscomb

18:45-19:00  
Complications of Canine Tonsillectomy – a retrospective study of 66 cases  
O. Turkki  
Discussant: J. Demetriou

19:00-19:15  
F. Bird  
Discussant: A. Moores
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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td></td>
<td>G. Pavarotti Discussant: N. Moens</td>
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<td>M. Taroni Discussant: A. Vezzoni</td>
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<tr>
<td>19:45-20:00</td>
<td>Ex-vivo Cadaveric Study on a laterally placed Leipzig Stifle Distractor for Arthroscopic Evaluation of the Lateral Meniscus in dogs</td>
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<td>B. Götzens Discussant: P. Winkels</td>
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<td>20:00-20:15</td>
<td>Hybridization of cementless hip arthroplasty systems in dogs: Helica and Zürich cementless</td>
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<td>K. Bayer Discussant: A. Vezzoni</td>
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<td>19:15-19:30</td>
<td>Use of a cavitron ultrasonic surgical aspirator for functional anatomic model based hepatectomies in dogs</td>
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<td>C. Sellier Discussant: A. Jackson</td>
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<td>19:30-19:45</td>
<td>Closed-incision negative pressure wound therapy after front limb amputation in dogs</td>
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<td>N. Vallarino Discussant: tbc</td>
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<td>R. Mullins Discussant: G. Dupré</td>
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**Welcome get-together**

ACROPOLIS TERRACE AND PREMIERE ROOFTOP RESTAURANT (INTERCONTINENTAL)

20:00-23:00 **Welcome get-together**
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:30-08:45</td>
<td>Elbow techniques update: CUE</td>
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<td>08:45-09:00</td>
<td>Elbow techniques update: PAUL</td>
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<tr>
<td>09:00-09:30</td>
<td>Elbow techniques update: Ulnaosteotomies</td>
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<tr>
<td>09:30-10:00</td>
<td>Status on total elbow replacement</td>
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<tr>
<td>10:00-10:15</td>
<td>Total shoulder - is it feasible?</td>
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<td>10:15-10:30</td>
<td>Discussion</td>
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<td>10:30-11:00</td>
<td>COFFEE BREAK</td>
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<tr>
<td>11:00-11:30</td>
<td>Advances in Ankle Replacement</td>
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<tr>
<td>11:30-12:00</td>
<td>Is Stifle Joint Replacement worth the cost?</td>
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**Small Animal Orthopaedics**

**VSSO**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:30-09:15</td>
<td>Hypophysectomy in dogs</td>
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<tr>
<td>09:15-10:00</td>
<td>Hypophysectomy in cats</td>
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<tr>
<td>10:00-10:30</td>
<td>Tricky cases, questions, and discussion</td>
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<td>10:30-11:00</td>
<td>COFFEE BREAK</td>
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<tr>
<td>11:00-11:30</td>
<td>Anaesthesia for adrenal tumour surgery</td>
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<tr>
<td>11:30-12:00</td>
<td>Adrenal tumour thrombi tips &amp; tricks</td>
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<tr>
<td>12:00-12:30</td>
<td>Adrenal tumour thrombi, case series data</td>
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**Joint Replacement Forelimb**

**Joint Replacement Hindlimb**

**VSSO: Pituitary Surgery**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:30-09:00</td>
<td>What's wrong with my bulldog? – Ethical and quality of life issues</td>
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<td>09:00-09:30</td>
<td>Anaesthesia in brachycephalic patients, from intubation to recovery</td>
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<td>09:30-10:00</td>
<td>Objective evaluation of severity of disease and outcome after airway</td>
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<td>10:00-10:30</td>
<td>Round table discussion</td>
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<td>10:30-11:00</td>
<td>COFFEE BREAK</td>
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<th>Chair: N. Bacon</th>
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<td>11:00-11:30</td>
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<td>11:30-12:00</td>
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**VSSO: Adrenal Surgery**

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<tr>
<th>Chair: J. Ladlow</th>
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**Look outside the box:** The Programme Committee recommends the following lectures from the Large Animal programme:

- Cartilage defect resurfacing: Something we should consider? C. Kawcak (10:00-10:20, Athenaeum Ballroom I)
**Friday, 6 July (cont’d)**

**12:00-12:30**  
**Is there anything new in hip replacement?**  
A. Vezzoni

**12:30-12:45**  
**Discussion**

**12:45-14:30**  
**LUNCH BREAK**

**12:30-12:50**  
**How I do laparoscopic adrenalectomy**  
J. Kirpensteijn

**12:50-13:15**  
**How I do laparoscopic adrenalectomy**  
G. Dupré

**12:00-12:30**  
**Hearing, middle ear effusion and total ear canal ablation in the brachycephalic patient**  
G. ter Haar

**12:30-13:00**  
**Discussion**

**13:15-14:30**  
**LUNCH BREAK**

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

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**Lunch time sessions**

**ATHENAEUM BALLROOM III (-2 LEVEL)**

**13:15-13:45**  
**Information session for Residents and Supervisors:**  
Credentials / Grants / Exam  
M. Wilke

**13:15-14:30**  
**LUNCH BREAK**

**12:00-12:30**  
**Is there anything new in hip replacement?**  
A. Vezzoni

**12:30-12:45**  
**Discussion**

**12:45-14:30**  
**LUNCH BREAK**

**12:30-12:50**  
**How I do laparoscopic adrenalectomy**  
J. Kirpensteijn

**12:50-13:15**  
**How I do laparoscopic adrenalectomy**  
G. Dupré

**13:15-14:30**  
**LUNCH BREAK**

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

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**ORTHOPAEDICS**

**ATHENAEUM BALLROOM III (-2 LEVEL)**

**Chair: M. Owen**

**14:30-15:00**  
**New medical treatment strategies in osteoarthritis**  
E. Comerford

**15:00-15:30**  
**Joint resurfacing - where are we now?**  
J. Innes

**15:30-16:00**  
**Managing chronic pain**  
E. Eberspächer-Schweda

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

**14:30-15:15**  
**How can human oncology help pets?**  
N. Bacon

**15:15-16:00**  
**How can veterinary oncology help people?**  
W. Eward

**16:00-16:30**  
**Overview and discussion**  
J. Kirpensteijn

**16:30-17:00**  
**COFFEE BREAK**

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**VSSO: One Health**

**YPISLON (-1 LEVEL)**

**Chair: J. Kirpensteijn**

**13:15-14:30**  
**Overview and discussion**  
J. Kirpensteijn

**14:30-15:15**  
**How can human oncology help pets?**  
N. Bacon

**15:15-16:00**  
**How can veterinary oncology help people?**  
W. Eward

**16:00-16:30**  
**Overview and discussion**  
J. Kirpensteijn

**16:30-17:00**  
**COFFEE BREAK**

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**BRACHYETHICS & SOFT TISSUE**

**ATHENAEUM BALLROOM II (-2 LEVEL)**

**Chair: G. ter Haar**

**14:30-15:00**  
**Brachycephalic obstructive airway surgery; nose and nasal cavity**  
G. Oechtering

**15:00-15:30**  
**Brachycephalic obstructive airway surgery; pharynx and larynx**  
J. Ladlow

**15:30-16:00**  
**Problems of the digestive tract in brachycephalic dogs?**  
G. Dupré

**16:00-16:30**  
**Discussion**

**16:30-17:00**  
**COFFEE BREAK**
### Friday, 6 July (cont’d)

<table>
<thead>
<tr>
<th>Short Communications Neuro &amp; Ortho</th>
<th>Short Communications ST &amp; Oncology</th>
<th>Brachy Clinical Research Update</th>
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<tr>
<td><strong>ATHENAEUM BALLROOM III (-2 LEVEL)</strong></td>
<td><strong>YPISON (-1 LEVEL)</strong></td>
<td><strong>ATHENAEUM BALLROOM II (-2 LEVEL)</strong></td>
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<tr>
<td>Chair: St. Bright</td>
<td>Chair: J. Kirpensteijn</td>
<td>Chair: G. Dupré</td>
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<tr>
<td>16:30-16:45 Comparison of the Penn-Hip and the Vezzoni Distractors for the Measurement of the Hip Distraction Index in Dogs</td>
<td>17:00-17:15 Placement of Subcutaneous Ureteral Bypass System with Ultrasound guidance in cats with ureteral obstruction: 25 cases (2013-2017)</td>
<td>17:00-18:00 Hot topics round table</td>
</tr>
<tr>
<td>M. Taroni</td>
<td>N. Van Klaveren</td>
<td>G. Dupré, L. Rutherford, G. Oechtering, J. Ladlow, G. ter Haar</td>
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<tr>
<td>16:45-17:00 Comparison of Early Measurements of Hip Passive Laxity and the Official Radiographic Evaluation of the Hips: A Study of 190 Dogs</td>
<td>17:15-17:30 Prospective evaluation of open wound treatment using Negative Pressure Wound Therapy or Polyurethane Foam Dressings in dogs</td>
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<tr>
<td>M. Taroni</td>
<td>M.C. Nolf</td>
<td>M. Or</td>
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<td>17:00-17:15 3D Kinematic evaluation of Tightrope CCI in an ex-vivo cranial cruciate deficient stifle model</td>
<td>17:30-17:45 Serial blood and cerebrospinal fluid ammonia concentrations in dogs with congenital extrahepatic portosystemic shunts before and after surgical attenuation</td>
<td>17:45-18:00 Adrenalectomy with Caudal Vena Cava Venotomy in 18 Dogs</td>
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<tr>
<td>M. Laugier</td>
<td>M. Or</td>
<td>R.C. Knight</td>
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<td>17:15-17:30 Needle Arthroscopy for Shoulder Joint Exploration. A cadaveric study in dogs</td>
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<td>A. Fournet</td>
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<td>17:30-17:45 Biomechanical comparison of two fixation methods for temporary tarso-crural arthrodesis using a 4.5 AO/ASIF cortical screw and an ultra-high-molecular-weight-polyethylene (UHMWPE) suture device</td>
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<td>L. Goffart</td>
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**ECVS Annual Business Meeting (mandatory for Diplomates)**

ATHENAEUM BALLROOM III (-2 LEVEL)

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<tr>
<td>18:10-19:30</td>
<td><strong>ECVS Annual Business Meeting</strong></td>
<td>ATHENAEUM BALLROOM III (-2 LEVEL)</td>
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<td>R. Smith</td>
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**Residents’ Talk and Discussion**

YPSILON (-1 LEVEL)

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<tr>
<td>18:10-19:30</td>
<td><strong>Ophthalmology for surgery residents; tips and tricks</strong></td>
<td>YPSILON (-1 LEVEL)</td>
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<td>R. Sanchez</td>
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**FREE EVENING**
Saturday, 7 July

**Update on ...**

**ATHENAEUM BALLROOM III (-2 LEVEL)**

Chair: P. Lafuente

- 08:30-09:00 Update on the use of PRP
  S. Bureau
- 09:00-09:30 Update on suture anchors
  S. Jauernig
- 09:30-10:00 Update on 3D printing and surgical planning
  B. Oxley
- 10:00-10:15 Discussion
- 10:15-10:45 COFFEE BREAK

**Minimally Invasive Surgical Techniques**

Chair: R. Acker

- 10:45-11:15 MIPO versus open fracture repair
  K. Parsons
- 11:15-11:45 MIO of articular fracture
  A. Pozzi
- 11:45-12:15 Arthroscopy versus “mini”-arthrotomy in stifle joint evaluation
  J. Innes
- 12:15-12:45 The use of fluoroscopy in fracture repair
  U. Reif
- 12:45-13:00 Discussion
- 13:00-14:15 LUNCH BREAK

**Essential Science for the Greedy**

**YPSON (-1 LEVEL)**

Chair: M. Cariou

- 08:30-09:00 Auditing medicine - the human perspective
  W. Eward
- 09:00-09:30 Auditing medicine - the veterinary perspective
  M. Brennan
- 09:30-10:00 Checklists in use - experience before and after implementation
  M. Dimopoulos
- 10:00-10:30 Ethical limits to surgery - Dilemmas in advanced surgical practice
  P. Sandøe
- 10:30-11:00 COFFEE BREAK

**Study Design and Statistics Made Simple**

Chair: S. Corr

- 11:00-11:30 Evidence-based veterinary medicine - putting research into practice
  M. Brennan
- 11:30-12:00 Statistics made simple
  M. Brennan
- 12:00-12:30 Biomechanics made easy for the orthopaedic surgeon
  P. Lafuente
- 12:30-13:00 Discussion
- 13:00-14:15 LUNCH BREAK

**Microvascular Session**

**ATHENAEUM BALLROOM II (-2 LEVEL)**

Chair: D. Brockman

- 08:30-09:15 General vascular and microvascular surgery: principles and equipment
  G. Chanoit
- 09:15-10:00 Microvascular free tissue transfer: clinical applications
  A. Jackson
- 10:00-10:30 Flap reconstruction: complications and mistakes
  A. Jackson
- 10:30-10:45 Discussion
- 10:45-11:15 COFFEE BREAK

**Vascular grafts: types, indications and future directions**

- 11:15-11:45 G. Chanoit
- 11:45-12:15 Surgical treatment of vascular malformations
  D. Brockman
- 12:15-12:45 Thrombosis treatment: what is the evidence
  A. Jackson
- 12:45-13:00 Discussion
- 13:00-14:15 LUNCH BREAK
During Friday, 4 orthopaedics and 4 soft tissues posters will be selected for presentation. All authors should stand by their poster during the Friday morning and afternoon coffee breaks. The authors will be informed on Friday by email whether their poster has been selected for presentation. Additionally, these posters will be marked with an Accepted for presentation sticker.

For the poster presentation, authors should prepare 4 slides with the headings 1) title and objectives, 2) materials and methods, 3) results, and 4) discussion.

Poster Session - Orthopaedics & Soft Tissue

ATHENAEUM BALLROOM III (-2), POSTERS ON DISPLAY IN OMEGA / LAMDA / VIP (-2) THURSDAY THROUGH SATURDAY

Chair: E. Schnabl-Feichter

14:15-15:15 During Friday, 4 orthopaedics and 4 soft tissues posters will be selected for presentation. All authors should stand by their poster during the Friday morning and afternoon coffee breaks. The authors will be informed on Friday by email whether their poster has been selected for presentation. Additionally, these posters will be marked with an Accepted for presentation sticker.

For the poster presentation, authors should prepare 4 slides with the headings 1) title and objectives, 2) materials and methods, 3) results, and 4) discussion.

15:15-15:45 COFFEE BREAK
Objective evaluation of daily activity levels and quality of sleep in geriatric dogs with osteoarthritis or spondylosis deformans
K. Edamura

Temporary tarso-crural arthrodesis in 3 dogs and 1 sheep using an ultra-high-molecular-weight-polyethylene suture device - a report of 4 cases
L. Golfart

Complications with ventriculoperitoneal shunts in dogs and cats: a literature review
G. Gradner

Safety study of allogenous bone marrow derived stem cells application in dogs
M. Kuricovà

Stress radiography for the diagnosis of medial glenohumeral ligament rupture in canine shoulders
V. Livet

Ultrasonographic findings in the elbow joints of dogs with obscured medial coronoid disease: 9 cases
V. Livet

The Incidence Of Musculoskeletal Injuries In Avalanche Search And Rescue Dogs In North America
S. Martinez

Biomechanical properties of the 1.5mm locking compression plate: Comparison with the 1.5 and 2.0mm straight plates.
N.M.M. Moens

Cohort study of 70 dogs with arachnoid diverticula, treated surgically in 37 cases
P. Moissonnier

Extradural vertebral tumours in cats: a case report of compressive myelopathy induced by a vertebral liposarcoma.
M. Olive

Ventral stabilization using screws and Polymethylmethacrylate for Atlantoaxial instability in 4 dogs.
M. Olive

A Novel Less Invasive Technique for Treatment of Antebrachiocarpal Luxation with Medial Collateral Ligament Disruption in a Cat
R. Schuenemann

Giant intramuscular Hemophilic Pseudotumor as first presentation of hemophilia in a dog
A. Decambron

Long-term assessment of abcessess and draining tracts occurring in the head and neck region of dogs
A. Decambron

Plastic Lactate concentration: is it a reliable prognostic factor in dogs with Gastric Dilatation-Volvulus?
L. Grassato

Bilateral laryngeal paralysis secondary to traumatic nerve damage in two dogs
M. Hamon

Urinary heat shock protein as an early marker for kidney injury in dogs undergoing different types of surgery
A. Kavkovsky

Risk factors for ventricular fibrillation following aortic cross-clamping release during mitral valve repair in dogs
K. Mamada

Surgical correction of type II atresia ani associated to an urethro-rectal fistula in a 2 months-old male kitten
E. Maurice

Evidence of successful hypophysectomy as treatment for diabetic cats with acromegaly
B. Meij

Acute mesenteric ischemia-like syndrome associated with S.lupi aberrant migration in dogs
A. Shipov

The association between intraoperative gross findings of mitral valve chordae tendineae rupture during mitral valve repair and transthoracic echocardiographic findings of mitral valve prolapse
K. Takamura

Investigation of leakage holes created by 4 needle types used for closure of enterotomy incisions in canine cadavers
E. Tzimtzimis

Two novel techniques for the advancement of the preputium of the dog
Ch. Yiapanis
Control of significant hemorrhage during TPLO surgery through the osteotomy gap: 9 cases
L. Matres Lorenzo

Short- and Long-term outcomes after Shoulder Excision Arthroplasty in seven small breed dogs
X. Montasell

D.J. Duffy

Characterising Canine Tarsal Bone Motion During Limb Loading
Ch. Tan

Comparison of outcomes associated with tibial plateau leveling osteotomy (TPLO) and a modified technique for tibial tuberosity advancement (TTA Rapid) for treatment of cranial cruciate ligament disease in dogs
V. Livet

Look outside the box: The Programme Committee recommends the following lecture from the Large Animal programme:
Regenerative medicine in orthopaedic practice - what have we learned from clinical cases? R. Smith
(15:25-15:45, Athenaeum Ballroom I)

Link-N is not the missing link towards intervertebral disc repair in dogs
M. Tryfonidou-Van Megen

Polarization of Macrophages in Epidural Inflammation Induced by Canine Intervertebral Disc Herniation
N. Vizcaíno Revés

Fourth Tarsal Bone Adaptation Protects Against Catastrophic Fracture In Racing Greyhounds
K.A. Johnson

Risk Factors for Proximal Tibial Rotational Constraints During Tibial Plateau Levelling Osteotomy (TPLO) and Radiographic Outcome Following Fibular Osteotomy (FO)
R. Ben-Amotz

Prospective comparison of two laparoscopic vessel sealing devices for minimally invasive adrenalectomy in dogs
L.E. Chiti

Effect of topical Klox BioPhotonic System on cutaneous incisional wound healing in dogs: a prospective blinded controlled clinical trial
A. Palumbo

Clinical and laryngoscopic characterization of Norwich Terrier Upper Airway Syndrome (NTUAS): Preliminary results
G. Lai

E. Maurice

Changes in regional cerebral blood flow in dogs with different grades of hepatic encephalopathy before and after successful closure of extrahepatic portosystemic shunts
N. Devriendt
Saturday, 7 July (cont’d)

**Closing Session - State of the Art - Jörg Auer Lecture**

**ATHENAEUM BALLROOM II+III (-2 LEVEL)**

Chair: D. Brockman

17:45-18:30  **Jörg Auer Lecture: The Transit of Hermes**  
D. Wewetzer

18:30-19:00  **Awards and Closing Remarks**  
D. Brockman

**Farewell**

20:00-02:00  **Farewell reception at Septem Privé**

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17:00-17:15  **ACVS RESIDENT AWARD:**  
Measurement of Shoulder Abduction Angles in Dogs—An Ex-Vivo Study of Accuracy and Precision  
J. Howard

16:45-17:00  **Surface Electromyography Characterization Of The Gastrocnemius, Vastus Lateralis, And Biceps Femoris Muscles During A Single Gait Cycle In Normal Dogs At Trot**  
S. Martinez

17:00-17:15  Long term outcome and complications after Ridgetop and tibial tuberosity transposition for the treatment of patellar luxation in dogs and cats (30 cases)  
D.S. Rutherford

17:15-17:30  Femoral head and neck excision in the dog and cat: Radiographic evaluation of the quality of the excision and correlation to clinical outcomes. A retrospective study.  
M. Manou

17:15-17:30  Fine-needle biopsy of cutaneous, subcutaneous and intracavitary masses in dogs and cats using 22-versus 25-gauge needles  
S. Arai