

Small Animal Programme

27th Annual Scientific Meeting July 5-7, 2018

Wednesday, 4 July

Thursday, 5 July

ATHENAEUM IN	ITERCONTINENTAL - OMIKRON 1+2 (-1 LEVEL)	ATHENAEUM IN	TERCONTINENTAL
08:00-18:00	Master Workshop Small Animal Arthrodesis dry lab sponsored by AOVET A. Piras, T. Gemmill, A. Pozzi, K. Parsons	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
Thursday	v, 5 July	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

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**



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		Resident F	orum Soft Tissue		
ATHENAEUM B	Allroom III (-2 Level)		YPSILON (-1 LE\	/EL)	
	Chair: S. Corr			Chair: St. Bureau	
17:45-18:00	7:45-18:00 Accuracy of patient-specific 3D-printed osteotomy and reduction guides for distal femoral osteotomy for medial patellar luxation in dogs		17:45-18:00	A novel surgical approach to brachycephalic syndrome: de scription and long-term outcome in 450 consecutive dogs. J. Carabalona Discussant: J. Ladlow	
	E. Hall Discussant: M. Owen Mechanical properties of the canine medial meniscus V. Livet Discussant: J. Innes		18:00-18:15	A novel minimally in	vasive surgical approach for prophylactic
18:00-18:15				laparoscopic gastrop C. Deroy	pexy: study of 21 cases Discussant: J. Kirpensteijn
18:15-18:30	Kinematics of the Feline Antebrachiocarpal Joint from Supination to Pronation R. Basa Discussant: S. Langley-Hobbs		18:15-18:30	Evaluation of a pre-tied ligature loop for canine total lui lobectomy A.M. Cronin Discussant: B. de la Puerta	
18:30-18:45	Development of a personalised interbody device for treatment of canine disc associated cervical spondylomyelopathy M. Joffe Discussant: P. Moissonnier		18:30-18:45	-	rospective study in 33 dogs Discussant: V. Lipscomb
18:45-19:00	Cervical fusion after dal cervical spondyl T. Reints Bok	distraction-fixation in 10 dogs with cau- omyelopathy. Discussant: B. Meij	18:45-19:00	Complications of Ca dy of 66 cases O. Turkki	nine Tonsillectomy – a retrospective stu-
19:00-19:15	9:15 Biomechanical Comparison of 2.0mm LCP and 2.0mm LCP Notched Head T-Plate in a Synthetic Distal Radius Fracture Model		19:00-19:15	A modified temporar complications in 23 of F. Bird	ry tracheostomy. A report of outcome and dogs (2012-2017) Discussant: A. Moores
	G. Bird	Discussant: J. Milgram			

Thursday, 5 July (cont'd)

19:15-19:30		gle Intra-Articular Injection of Autologous the Treatment of Osteoarthritis: a prospec-	19:15-19:30	Use of a cavitron ultrasonic surgical aspirator for functional anatomic model based hepatectomies in dogs C. Sellier Discussant: A. Jackson		
	•	•		C. Selliel	Discussant. A. Jackson	
	G. Pavarotti	Discussant: N. Moens	19:30-19:45	Closed-incision neg	gative pressure wound therapy after front	
19:30-19:45	Evolution of Radio	graphic Parameters of Canine Passive Hip		limb amputation in dogs		
	Laxity at 4, 6 and 1	2 Months: A Study of 306 Dogs		N. Vallarino	Discussant: tbc	
	M. Taroni	Discussant: A. Vezzoni	19:45-20:00	Incidence of intraor	perative and major postoperative compli-	
19:45-20:00	20:00 Ex-vivo Cadaveric Study on a laterally placed Leipzig Stifle Distractor for Arthroscopic Evaluation of the Lateral Meniscus			cations and outcom	nes of dogs undergoing surgical manage- etroversion: 51 dogs (2003 – 2017)	
	in dogs			R. Mullins	Discussant: G. Dupré	
	B. Götzens	Discussant: P. Winkels				
20:00-20:15	Hybridization of ce Helica and Zürich o	mentless hip arthroplasty systems in dogs:				
	K. Bayer	Discussant: A. Vezzoni				

Welcome get-together

ACROPOLIS TERRACE AND PREMIERE ROOFTOP RESTAURANT (INTERCONTINENTAL)

20:00-23:00 Welcome get-together



Friday, 6 July

<i>J</i> -	3				,			
Small Anir	mal Orthopaedics	VSSO			ATHENAEUM B	Allroom II (-2 le\	/EL)	
	·					Chair: G. ter Ha		
Joint Replacement Forelimb		YPSILON (-1 LE	VSSO: Pituitary Surgery		08:30-09:00		What's wrong with my bulldog? –	
		VSSO: Pituit				Ethical and quality of life issues concerning		
	Chair: Th. Sissener		Chair:V. Lipscomb	recommends the	box: The Program following lectures f		brachycephalic dogs P. Sandøe	
08:30-08:45	Elbow techniques update: CUE	08:30-09:15	Hypophysectomy	Animal programm			09:00-09:30	
08:45-09:00	P. Winkels Elbow techniques update: PAUL				onsider? C. Kawcak		Anaesthesia in brachycephalic	
00.40 00.00	A. Vezzoni	09:15-10:00	in cats J. Fenn O:00-10:30 Tricky cases, O:00-10:30 Post-Operative Is it an issue? Good I	(10:00-10:20, Athe	enaeum Ballroom I		patients, from	
09:00-09:30	Elbow techniques update: Ulnaosteotomies				Acute Kluffey Injury:		intubation to recovery	
	A. Caron	10:00-10:30		\ \		E. Eberspächer-		
09:30-10:00	Status on total elbow replacement R. Acker	discussion	(·	Ohio alian anala	_		
10:00-10:15	Total shoulder - is it feasible? S. Tepic		B. Meij		09:30-10:00	disease and ou surgery	uation of severity o utcome after airway	
10:15-10:30	Discussion	10:30-11:00	COFFEE BREAK		10:00-10:30	L. Rutherford Round table di	scussion	
10:30-11:00	COFFEE BREAK	V550: Adra	nol Curaon.		10:30-11:00	COFFEE BREA	ĸĸ	
		VSSO: Adre	nai surgery			Chair: J. Ladlow	1	
	A DEC. DEC. I		Chair: N. Bacon		11,00 11,20		valeted vertebral	
Joint Replacement Hindlimb		11:00-11:30 Anaesthesia for adrenal tumour			11:00-11:30	Brachycephaly related vertebral malformations and effect on neurological function J. Fenn		
	Chair: E. Addison			surgery E. Eberspächer-Schweda				
11:00-11:30	Advances in Ankle Replacement R. Acker	11:30-12:00			11:30-12:00			
11:30-12:00	Is Stifle Joint Replacement worth	12:00-12:30	N. Bacon			animals, from eyelid to corne	a Z	
	the cost? T. Gemmill 12:00-12:30		Adrenal tumour thrombi, case series data V. Lipscomb			R. Sanchez		

Brachy Ethics Soft Tissue

Friday, 6 July (cont'd)

12:00-12:30	Is there anything new in hip replacement? A. Vezzoni	12:30-12:50	How I do Iaparoscopic adrenalectomy J. Kirpensteijn	12:00-12:30	Hearing, middle ear effusion and total ear canal ablation in the brachycephalic patient
12:30-12:45	Discussion	12:50-13:15	How I do laparoscopic adrenalectomy G. Dupré	12:30-13:00	G. ter Haar Discussion
12:45-14:30	LUNCH BREAK	13:15-14:30	LUNCH BREAK	13:00-14:30	LUNCH BREAK

Lunch	time sessions				
ATHENA	ATHENAEUM BALLROOM III (-2 LEVEL)		DELTA (-2 LEVEL)		
13:15-13	Information session for Residents and Supervisors: Credentials / Grants / Exam M. Wilke	13:15-14:15	Meet the Expert: Tips, tricks and pitfalls when working with the BFX/CFX THR system R. Acker		

		Brachy Ethics Soft Tissue
Orthopaedics	VSSO: One Health	ATHENAEUM BALLROOM II (-2 LEVEL)

		VJJO. Onc	V550: One nearth				
ATHENAEUM BALLROOM III (-2 LEVEL)		YPSILON (-1 LE	YPSILON (-1 LEVEL)		Chair: G. ter Haar		
		Chair: J. Kirpensteijn	14:30-15:00	Brachycephalic obstructive airway surgery; nose and nasal cavity			
14:30-15:00	New medical treatment strategies	14:30-15:15	How can human oncology help		G. Oechtering		
	in osteoarthritis E. Comerford		pets? N. Bacon	15:00-15:30	Brachycephalic obstructive airway surgery; pharynx and larynx		
15:00-15:30	Joint resurfacing - where are we	15:15-16:00	How can veterinary oncology help		J. Ladlow		
	now? J. Innes		people? W. Eward	15:30-16:00	Problems of the digestive tract in brachycephalic dogs?		
15:30-16:00	Managing chronic pain	16:00-16:30	Overview and discussion		G. Dupré		
	E. Eberspächer-Schweda		J. Kirpensteijn	16:00-16:30	Discussion		
16:00-16:30	COFFEE BREAK	16:30-17:00	COFFEE BREAK	16:30-17:00	COFFEE BREAK		

Friday, 6 July (cont'd)

device L. Goffart

Short Con	nmunications Neuro & Ortho	Short Com	nmunications ST & Oncology
ATHENAEUM B	BALLROOM III (-2 LEVEL)	YPSILON (-1 LE	VEL)
	Chair: St. Bright		Chair: J. Kirpensteijn
16:30-16:45	Comparison of the Penn-Hip and the Vezzoni Distractors for the Measurement of the Hip Distraction Index in Dogs M. Taroni	17:00-17:15	Placement of Subcutaneous Ureteral Bypass System with Ultrasound guidance in cats with ureteral obstruction: 25 cases (2013-2017)
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 M. Taroni	17:15-17:30	N. Van Klaveren Prospective evaluation of open wound treatment using Negative Pressure Wound Therapy or Polyurethane Foam Dressings in dogs M.C. Nolff
17:00-17:15	3D kinematic evaluation of Tightrope CCI in an ex-vivo cranial cruciate deficient stifle model M. Laugier	17:30-17:45	Serial blood and cerebrospinal fluid ammonia concentrations in dogs with congenital extrahepatic
17:15-17:30	Needle Arthroscopy for Shoulder Joint Exploration. A cadaveric study in dogs		portosystemic shunts before and after surgical attenuation M. Or
17:30-17:45	A. Fournet 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 (UHWMPE) suture	17:45-18:00	Adrenalectomy with Caudal Vena Cava Venotomy in 18 Dogs R.C. Knight

Brachy Clinical Research Update

ATHENAEUM BALLROOM II (-2 LEVEL)

Chair: G. Dupré

17:00-18:00 Hot topics round table

G. Dupré, L. Rutherford, G. Oechtering,

J. Ladlow, G. ter Haar



Friday, 6 July (cont'd)

ECVS Annual	Rucinacc	Meeting	(mandator)	for Di	nlamatac)
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ATHENAEUM BALLROOM III (-2 LEVEL)

18:10-19:30 **ECVS Annual Business Meeting**

R. Smith

Residents' Talk and Discussion

YPSILON (-1 LEVEL)

18:10-19:30 **Opthalmology for surgery residents; tips and tricks**

R. Sanchez

FREE EVENING



Saturday, 7 July

Update on ...

	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

YPSILON (-1 LEVEL)

11:30-12:00

12:00-12:30

12:30-13:00

13:00-14:15

How can reflecting on our work improve our practice?

	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. Dimopoulou				
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				

Statistics made simple

orthopaedic surgeon

Biomechanics made easy for the

M. Brennan

P. Lafuente

Discussion

LUNCH BREAK

Microvascular Session

ATHENAEUM BALLROOM II (-2 LEVEL)

Microvascular Surgery

		Chair: D. Brockman
nan erinary	08:30-09:15	General vascular and microvascular surgery: principles and equipment G. Chanoit
ce	09:15-10:00	Microvascular free tissue transfer clinical applications A. Jackson
ation	10:00-10:30	Flap reconstruction: complications and mistakes A. Jackson
ical	10:30-10:45	Discussion

10:45-11:15 **COFFEE BREAK**

13:00-14:15

	Chair: A. Jackson
11:15-11:45	Vascular grafts: types, indications and future directions G. Chanoit
11:45-12:15	Surgical treatment of vascular malformations D. Brockman
2:15-12:45	Thrombosis treatment: what is the evidence A. Jackson
12:45-13:00	Discussion

LUNCH BREAK



Lunch time sessions

OMIKRON (-1 LEVEL)

13:00-14:00

Publishing in Veterinary Surgery: Updates and tips

D Griffon

EPSILON & ZETA (-2 LEVEL)

13:00-14:00 Meet the Expert: Canine humeral intracondylar fissure - what

we have learned

J. Innes

ATHENAEUM CONFERENCE CENTRE III (GROUND LEVEL)

13:00-14:00 Meet the Expert: Experience with bupivicaine liposome

Animal programme:

U. Hartmann

injectable suspension for sustained local analgesia

Look outside the box: The Programme Committee

recommends the following lecture from the Large

Adaptive training in the prevention of

injuries: a human learning curve

(14:00-14:25. Athenaeum Ballroom I)

A Jackson

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 methos, 3) results, and 4) discussion.

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

Posters - Orthopaedic & Neuro

The Effect of Inflammatory Activity of Current Treatments in Dogs with Osteoarthritis

M. Arican

Lateral Orbitotomy with zygomatic arch ostectomy combined with vertical ramus ostectomy allowing increased exposure for removal of tumors affecting the ventrolateral frontal bone in two dogs

M. Cray

Use of Plasma Rich in Growth Factors in Vertebral Injuries: For the Purpose of a Clinical Case.

E. Damiá Giménez

Posters - Soft Tissue

Changes in chemical and ultrastructural composition of ameroid constrictors following in vitro expansion

Th. Anderson

Effects of plasma rich in growth factors with adipose-derived mesenchymal stem cells on cutaneous wound healing in rabbits

D. Chicharro Alcántara

Comparison of acute-phase proteins after laparoscopic ovariectomy versus conventional laparotomy ovariectomy in the feline species



B. Cuervo Serrato

Posters - Orthopaedic & Neuro (cont'd)

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. Goffart

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. Kuricová

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

Posters - Soft Tissue (cont'd)

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

A. Decambron

Long-term assessment of abcessess and drainning tracts occurring in the head and neck region of dogs

A. Decambron

Plasma 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

Short Com	nmunications Orthopaedics		Short Com	nmunications: Neuro & Ortho	Short Com	nmunications: ST & Oncology
ATHENAEUM B	Allroom III (-2 Level)		YPSILON (-1 LE	VEL)	ATHENAEUM B	BALLROOM II (-2 LEVEL)
	Chair: S. Corr			Chair: M. Hamilton		Chair: J. Kirpensteijn
15:45-16:00	Control of significant hemorrhage during TPLO surgery through the osteotomy gap: 9 cases L. Matres Lorenzo	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)		ne Programme Committee g lecture from the Large	16:00-16:15	Prospective comparison of two laparoscopic vessel sealing devices for minimally invasive adrenalectomy in dogs L.E. Chiti
16:00-16:15	Short- and Long-term outcomes after Shoulder Excision Arthroplasty in seven small breed dogs X. Montasell			16:15-16:30	Effect of topical Klox BioPhotonic System on cutaneous incisional wound healing in dogs: a prospective blinded controlled clinical trial	
16:15-16:30	Retrospective evaluation of outcome following closed reduction and Ehmer sling application for craniodorsal luxation in dogs: 92 cases (2	hip	15:45-16:00	Link-N is not the missing link towards intervertebral disc repair in dogs M. Tryfonidou-Van Megen	16:30-16:45	A. Palumbo Clinical and laryngoscopic characterization of Norwich Terrier Upper Airway Syndrome (NTUAS): Preliminary results
16:30-16:45	2017) D.J. Duffy Characterising Canine Tarsal Bone Motion During Limb Loading Ch. Tan		ne t	Polarization of Macrophages in Epidural Inflammation Induced by Canine Intervertebral Disc Herniation N. Vizcaíno Revés	16:45-17:00	G. Lai Surgical repair of congenital clefts palates in dogs with an overlapping technique: a retrospective study of 11 cases
16:45-17:00 Comparison of outcomes associated with tibial plateau leveling osteotomy (TPLO) are a modified technique for tibia		16:15-16:30	Fourth Tarsal Bone Adaptation Protects Against Catastrophic Fracture In Racing Greyhounds	17:00-17:15	(2007-2017) E. Maurice Changes in regional cerebral	
	a modified technique for tibia	al		K.A. Johnson	17.00-17.13	blood flow in dogs with different
tuberosity advancement (TTA Rapid) for treatment of crania cruciate ligament disease in o		al	16:30-16:45	Risk Factors for Proximal Tibial Rotational Constraints During Tibial Plateau Levelling Osteotomy (TPLO) and Radiographic Outcome Following Fibular Osteotomy (FO) R. Ben-Amotz		grades of hepatic encephalopathy before and after successful closure of extrahepatic portosystemic shunts N. Devriendt

Saturday, 7 July (cont'd)

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 Ridgestop and tibial tuberosity transposition for the treatment of patellar luxation in dogs and cats (30 cases)

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.

17:15-17:30

Fine-needle biopsy of cutaneous, subcutaneous and intracavitary masses in dogs and cats using 22versus 25-gauge needles

S Arai

D.S. Rutherford

M. Manou

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

