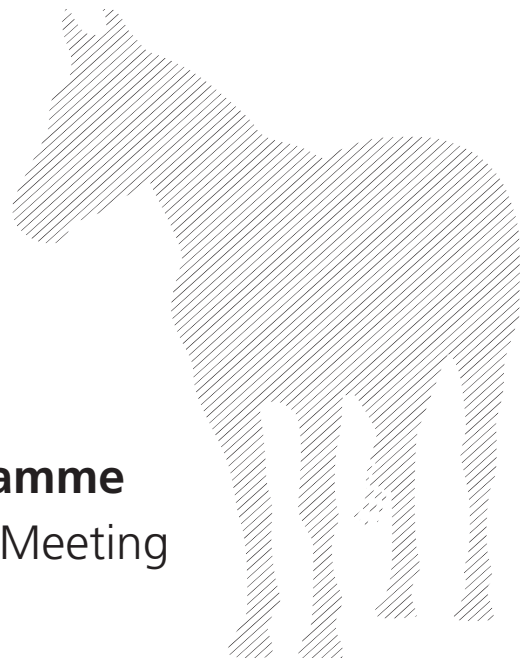


Large Animal Programme
28th Annual Scientific Meeting
July 4-6, 2019



Wednesday, 3 July

Thursday, 4 July

Pre-Congress Labs

TBC

08:00-17:00

Wound reconstructions and grafting techniques

J. Wilmink, D. Gorvy, D. Hendrickson

BUDAPEST CONGRESS CENTER

08:00-13:00

Getting the best out of you and your surgical team

C. Crowe, C. Oxtoby

BUDAPEST CONGRESS CENTER

09:00-16:45

Intra-operative imaging guided techniques

J. Kümmerle, M. Smith, F. Geburek, B. Bladon

BUDAPEST CONGRESS CENTER

08:30-12:00 /
13:00-16:30

Veterinary practice business management program

lecture sponsored by Oculus Insights

B. Brocks, J. Loomans

Thursday, 4 July

Resident Session

TBC

13:00-13:40

ECVS Exam - what to expect

J. Kümmerle, L. Theyse

13:40-15:40

Clinical case-based exam expectations

J. Kümmerle



Thursday, 4 July

Main Programme

BUDAPEST CONGRESS CENTER

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

Opening Session - State of the Art

TBC

Chair: D. Brockman

16:30-17:30 **New methods in the elective orthopaedic musculoskeletal surgery**

G. Szöke

Resident Forum

TBC

Chair: tbc

17:45-18:00 **Ex vivo Modelling of the Airflow Dynamics and Two- and Three-dimensional Biomechanics of Prosthetic Laryngoplasty Suture Placements in the Equine Larynx**

N. Lynch

Discussant:

18:00-18:15 **Evaluation of Four Techniques for Injection of the Proximal Interpharyngeal Joint (PIPJ) in Horses**

M. Mereu

Discussant:

18:15-18:30 **The occurrence of radiocarpal joint perforation during carpal sheath tenoscopy using two different tenoscopic approaches**

S. Skov Hansen

Discussant:

18:30-18:45 **Neurovascular variations in the proximal plantar metatarsal region of the horse**

P. Milner

Discussant:

18:45-19:00 **Serum amyloid A and plasma fibrinogen concentrations in horses following emergency exploratory celiotomy.**

MJ De Cozar

Discussant:

19:00-19:15 **The effect of xylazine and lidocaine on ischemia-reperfusion injury in an experimental model of equine jejunal ischemia**

N. Verhaar

Discussant:



Friday, 5 July

In-depth: Equine Laparoscopy

TBC

Chair: tbc

- 08:30-08:55 **Updates on techniques and equipment for equine laparoscopy anno 2019**
D. Hendrickson
- 08:55-09:15 **Closure of normal and abnormal abdominal openings part I: inguinal and nephrosplenics**
H. Wilderjans
- 09:15-09:35 **Closure of normal and abnormal abdominal openings part II: epiploic foramen and mesenteric rents**
Th. Van Bergen
- 09:35-09:50 **Hand assisted laparoscopic techniques is there any benefit?**
M. Roecken
- 09:50-10:20 **Out of the box and top tips for challenging laparoscopic procedures**
D. Hendrickson
- 10:20-10:30 **Discussion**
- 10:30-11:00 **COFFEE BREAK**

Orthopaedic Short Communications

TBC

Chair: tbc

- 11:00-11:15 **Arthroscopic articular cartilage resurfacing with self-attaching in-situ forming conjugated hydrogels; an in-vitro research model development in the horse.**
N. Vos
- 11:15-11:30 **Neutrophil Gelatinase-Associated Lipocalin (NGAL) for Detection of Septic and Aseptic Joint Inflammation**
St. Jacobsen

Treating weight-bearing joint cartilage, is it feasible?

TBC

Chair: tbc

- 08:30-08:55 **Grading osteoarthritis and decision making in cartilage repair - Cell therapy in OA**
M. Hurtig
- 08:55-09:20 **Trauma and training in the development of osteoarthritis**
M. Hurtig
- 09:20-09:45 **Joint resurfacing in humans: what is done and what are we working on**
L. Hangody
- 09:45-10:05 **Resurfacement of the weight-bearing surface in horses: What are the possibilities and outcomes in 2019?**
G. Bodó
- 10:05-10:20 **Joint injections in Humans. Evidence and Experience with steroids, HA and other preparates**
G. Vásárhelyi
- 10:20-10:35 **Joint injections in Horses. Evidence and Experience with steroids, HA and other preparations**
L. Smith
- 10:35-10:45 **Discussion**
- 10:45-11:00 **COFFEE BREAK**



Friday, 5 July (cont'd)

11:30-11:45	Fibromodulin neo-epitope assay is a sensitive indicator of joint disease in horses P. Brink
11:45-12:00	Tibial Fracture Repair Using an Angle-Stable Interlocking Nail in Two Calves D. Marturello
12:00-12:15	Osteochondral fragmentation of the cervical articular process joints in a population of horses with cervical pain and/or ataxia. RA Parker
12:15-12:30	A Simplified Arthroscopic Approach to the Caudal Pouches of the Equine Lateral Femorotibial Joint BM Bladon
12:30-14:00	LUNCH BREAK

Optimising Imaging

TBC

	Chair: tbc
11:00-11:15	Optimising radiation safety in surgery V. Busoni
11:15-11:30	Technical aspects of CT assisted surgery J. Kümmerle
11:30-11:45	Update on radiating imaging equipment current and future perspectives V. Busoni
11:45-12:00	Update on ultrasonographic imaging techniques F. Geburek
12:00-12:30	Think horse be prepared for zebra: image reading and cognitive bias V. Busoni
12:30-12:45	Challenging Xray readings V. Busoni
12:45-13:00	Discussion
13:00-14:00	LUNCH BREAK

Lunch time sessions

TBC

12:45-13:45	Meet the Expert: Intra-Articular joint injections pharmaceutical and biological treatments M. Hurtig, L. Smith
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TBC

13:30-14:00	Information session for Residents and Supervisors: Credentials / Grants / Exam E. Comerford
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TBC

13:00-14:00	Panel discussion: My infection rate is high: what should I do? S. Weese, D. Verwilghen, W. Brehm
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Friday, 5 July (cont'd)

Advances in enhancing orthopaedic healing

TBC

Chair: tbc

- 14:00-14:20 **Update on orthopaedic implants: what's on the horizon?**
Ch. Lischer
- 14:20-14:40 **Neck fractures and fusions: what to use?**
F. Rossignol
- 14:40-15:00 **Osseous cyst: fill, drill or screw?**
A. Fürst
- 15:00-15:20 **Managing the manica flexoria injuries**
A. Fiske-Jackson
- 15:20-15:40 **Fracture fixations and arthrodesis in the shoulder region**
A. Cruz
- 15:40-16:00 **Discussion**
- 16:00-16:30 **COFFEE BREAK**

General Short Communications

TBC

Chair: tbc

- 16:30-16:45 **Preliminary assessment of risk factors for post anaesthetic pulmonary oedema in adult horses**
G. Kelmer
- 16:45-17:00 **Use of Positive Contrast Radiography to Assess for Synovial Infection in Horses with Limb Wounds**
DM Bolt

Short Communications Soft Tissue

TBC

Chair: tbc

- 14:00-14:15 **Topical skin adhesive and knotless barbed absorbable material for ventral equine abdominoplasty: a comparative clinical study**
O. Lepage
- 14:15-14:30 **Bidirectional knotless barbed versus conventional smooth suture for closure of surgical wounds in inguinal castration in horses**
DM Top Adler
- 14:30-14:45 **Incisional complication in post-celiotomy horse patients: Can ultrasonography aid an early diagnosis?**
C. Pressanto
- 14:45-15:00 **Monitoring of routine hygiene management in an equine hospital**
St. Speck
- 15:00-15:15 **Evaluation of two surgical hand disinfection procedures in a university equine hospital**
T. Rocktäschel
- 15:15-15:30 **High multi-drug resistance in catheter-related infections, surgical site infections and skin wounds from horses.**
CM Isgren
- 15:30-15:45 **Recurrent Nephrosplenic Entrapment : Comparison of short-term and long-term outcome of laparoscopic nephrosplenic space closure with barbed knotless suture in horses with (6) or without (6) nephrosplenic entrapment at the time of surgery.**
T. de Beauregard
- 15:45-16:00 **Minimal invasive technique to resolve impactions of the small colon.**
LP Lamas
- 16:00-16:30 **COFFEE BREAK**



Friday, 5 July (cont'd)

- 17:00-17:15 **Arthrodesis of the Equine Proximal Interphalangeal Joint: A Biomechanical Comparison of Two Different Systems Containing an Axial Locking Compression Plate and Two Abaxial Transarticular Cortical Screws**
A. Vidovic
- 17:15-17:30 **Usefulness of a short magnetic resonance imaging protocol as a surgical planning tool for dental and sinonasal diseases in the horse**
FJ López-Sanromán
- 17:30-17:45 **Usefulness of a short magnetic resonance imaging protocol as a surgical planning tool for dental and sinonasal diseases in the horse**
FJ López-Sanromán
- 17:45-18:00 **In-vitro evaluation of adjustable prosthesis with stress reducing washers for arytenoid cartilage abduction in horses**
P. Espinosa-Mur
- 18:00-18:15 **Evaluation of the significance of arthropathy of the cervical facet joints in horses**
J. Koenig

ECVS Annual Business Meeting (mandatory for Diplomates)

TBC

- 18:10-19:30 **ECVS Annual Business Meeting**
D. Brockman

Orthopaedic Short Communications

TBC

Chair: tbc

- 16:30-16:45 **Bilateral change in pressure distribution in horses with unilateral forelimb lameness before and after positive diagnostic anaesthesia – a case study**
J. Hoffmann
- 16:45-17:00 **Comparison of two different techniques for analgesia of the deep branch of the lateral plantar nerve in horses**
F. Cantatore
- 17:00-17:15 **Tearing of the palmar aspect of the intersesamoidean ligament as primary pathology of the digital tendon sheath: an endoscopic diagnosis in two horses**
A. Bathe
- 17:15-17:30 **Do Locally Administered Antibiotics Reach Growth Cartilage Canals?**
B. Wormstrand
- 17:30-17:45 **Inter-evaluator and intra-evaluator reliability of kinematic variables obtained by an extremity-mounted inertial measurement unit system in sound horses at the trot under soft and hard ground conditions and treadmill exercise**
AM Cruz
- 17:45-18:00 **Subjective scoring of equine back mobility: the inter-rater reliability.**
TJP Spoormakers

Residents' Talk & Discussion

TBC

- 18:10-19:30 **Get the most out of imaging: 50 shades of grey for surgical residents**
V. Busoni

FREE EVENING



Saturday, 6 July

Orthopaedic Short Communications

TBC

Chair: tbc

- 08:30-08:45 **ACVS RESIDENT AWARD: Effects of Screw Size & Approach in Simulated Medial Condylar Fractures**
C. Sandow
- 08:45-09:00 **MRI-Findings in Relation to Diagnostic Anesthesia – Observations in 88 Cases of Distal Limbs Pathology**
M. Waselau
- 09:00-09:15 **¹⁸F-Sodium Fluoride Positron Emission Tomography findings of the equine tarsal and proximal metatarsal regions**
P. Espinosa-Mur
- 09:15-09:30 **The use of an aiming device and computed tomography for treatment of articular pedal bone fractures in horses**
MA Jackson
- 09:30-09:45 **Computed tomographic assessment of 110 fractures of the distal condyles of the third metacarpal/metatarsal bones (condylar fractures) in a clinical setting in 103 Thoroughbred racehorses**
W. Barker
- 09:45-10:00 **A comparative study of the ultrasonographic examination, magnetic resonance imaging and histology of the equine meniscus - preliminary findings**
Sh. Laverty
- 10:00-10:30 **COFFEE BREAK**
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Vascular Surgery

TBC

Chair: tbc

- 08:30-08:50 **Translating interventional vascular surgery from human to equine.**
Z. Szeberin
- 08:50-09:10 **Embolization under fluoroscopy**
O. Lepage
- 09:10-09:30 **Femoral artery thrombectomy**
A. Rijkenhuizen
- 09:30-09:50 **State of the Art Hemostatis and vascular anastomosis**
Z. Szeberin
- 09:50-10:00 **Discussion**
- 10:00-10:30 **COFFEE BREAK**
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Saturday, 6 July (cont'd)

Traumatic Wounds

TBC

Chair: tbc

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- 10:30-10:45 **Hydro-surgical debridement tools: worth the investment?**
D. Gorvy
- 10:45-11:00 **How we can use tension relief techniques to aid primary closure?**
D. Gorvy
- 11:00-11:15 **Reconstructive flaps in equine traumatology**
D. Hendrickson
- 11:15-11:35 **Promoting second intention wound healing: dressings, novel physical methods. What's the evidence?**
S. Jacobsen
- 11:35-11:55 **Modified meeks - where are we now?**
J. Wilmink
- 11:55-12:15 **Antimicrobial use in traumatic wounds: local and/or systemic?**
C. Isgren
- 12:15-12:30 **Discussion**
- 12:30-14:00 **LUNCH BREAK**

Microbiology - surgical hygiene

TBC

Chair: W. Brehm

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- 10:30-10:40 **Surgical Site Infections definitions: update from SSI workgroup anno 2019**
D. Verwilghen
- 10:40-11:10 **Surgical infections: sampling and sampling results, what do they mean?**
S. Weese
- 11:10-11:25 **Maximizing identification of bacteria in equine synovial and other body fluid samples**
F. Pille
- 11:25-12:05 **Emergent and endemic multidrug resistant bacteria in equine surgical patients**
S. Weese
- 12:05-12:25 **Patient preparation protocols - can they be improved?**
D. Verwilghen
- 12:25-12:40 **Discussion**
- 12:40-14:00 **LUNCH BREAK**

Lunch time sessions

TBC

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- 13:00-13:30 **For supervisors: Managing my generation X Residents**
C. Crowe
- 13:30-14:00 **For residents: Performing under pressure: how to give yourself the best chance to pass the exam**
C. Crowe

TBC

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- 12:45-13:45 **Meet the Expert: Laparoscopy: avoiding and managing complications**
D. Hendrickson

TBC

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- 13:00-14:00 **Publishing in Veterinary Surgery: Updates and tips**
D. Griffon



Saturday, 6 July (cont'd)

The Navicular Region

TBC

Chair: tbc

- 14:00-14:20 **A clinical approach to the diagnostic puzzle of misleading foot cases**
M. Oosterlinck
- 14:20-14:35 **Atypical and hindlimb navicular problems**
F. Pille
- 14:35-14:50 **Radiographic assessment of the navicular bone and its relation to prognosis**
M. Schramme
- 14:50-15:30 **Imaging the navicular region in the lame horse**
V. Busoni
- 15:30-15:45 **Managing navicular bone fractures**
J. Kümmerle
- 15:45-16:00 **Treating navicular disease**
M. Oosterlinck
- 16:00-16:10 **Discussion**
- 16:10-16:30 **COFFEE BREAK**

Clinical Evidence Topics: What is the Evidence for?

TBC

Chair: tbc

- 14:00-14:20 **IVRP: does it really fight infection?**
L. Rubio-Martinez
- 14:20-14:40 **Type of surgical drapes**
D. Verwilghen
- 14:40-15:00 **Is there evidence for oral faecal trans-faunation in the management of post operative colics?**
L. Lamas
- 15:00-15:20 **Polymixin B: what is the evidence for its use in the surgical colic patient?**
D. Archer
- 15:20-15:40 **What's the evidence to support intra/periarticular facet joint injections of the neck and back**
J. Kidd
- 15:40-16:00 **Discussion**
- 16:00-16:30 **COFFEE BREAK**



Saturday, 7 July (cont'd)

Poster Session

TBC

POSTERS ON DISPLAY THURSDAY THROUGH SATURDAY

16:30-17:30

During Friday, 8 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.

Investigation of the load distribution pattern in laminitic horses using Hoof™ System

M. Al Naem

The use of computer-assisted equine locomotor assessment in breed-related differences in clinical presentation of proximal suspensory desmitis

W. Back

Development of a standardized and repeatable protocol to obtain highly concentrated platelet rich plasma for horses

G. Cuevas Ramos

Prognosis and Complications after Autologous Implantation as a treatment for Aggressive Equine Sarcoids (35 horses) - Three cases of Sarcoid Growth at Implantation site

T. de Beauregard

Partial aneurysmectomy and autologous patch venoplasty of the jugular vein in a horse

E. De Clercq

Subluxation of the elbow joint in cattle - a case series

D. Devaux

Diagnostic and surgical approach for metallic foreign bodies in the tongue of horses

J. Ensink

Ear canal stenosis in a foal: CT evaluation and Zepp surgery

LJ Ezquerria Calvo

Meta-analysis of the effect of treatment options on the survival of horses with nephrosplenic entrapment

A. Gillen

A pilot study to evaluate the in vitro performance of the double forwarder knot, compared to square and surgeon's knots using large gauge suture

A. Gillen

Accumulation of amikacin in synovial fluid when given in combination with dexamethasone in intravenous regional limb perfusion in standing horses

K. Gustafsson

Accumulation of Metronidazole in Synovial Fluid Following Regional Limb Perfusion in Standing Horses

K. Gustafsson

The use of medical grade honey as a prophylactic local antimicrobial in equine long bone fracture repair

K. Gustafsson

Successful repair of diaphragmatic hernia with simultaneously performed thoracotomy and median laparotomy in a horse

S. Izing

Postoperative fever in horses How to know if it is piroplasmosis?

LP Lamas

Locomotor pattern of horses after a constant rate infusion of medetomidine alone or combined with morphine and/or ketamine for standing procedures

FJ López-Sanromán

Klotho Depletion could contribute to Increased Inflammation secondary to intestinal ischemia-reperfusion

G. Marañón



Saturday, 7 July (cont'd)

Posters (cont'd)

Conservative treatment of comminuted fracture of fourth carpal bone in a yearling Arabian mare

B. Obrochta

Equine PRP: Quality assessment after storage and different methods of activation on growth factors bioavailability

C. Saban

Anatomical variation of the occipital crest in young Dutch Warmblood horses: A radiographic study.

CJ Scheffer

Comparison of the length and width of the linea alba in the standing and dorsal recumbent horse

M. Verkade

Creation of a standard lesion in the articular cartilage of the rabbit by arthroscopic approach; introduction an operating cradle to standardise the procedure

N. Vos

Patellar Ligament Desmopathy in Sports Horse Hind-limb Push-off Lameness

L. Wright

Carbon-nanotube-chitosan-hydroxyapatite composite enriched or not with mesenchymal stem cells for potential use in bone defects - Experimental study

A. Zoppa

Closing Session - State of the Art - Jörg Auer Lecture

TBC

Chair: M. Schramme

17:45-18:30

Jörg Auer Lecture: Why EQ trumps ego

C. Crowe

18:30-19:00

Awards and Closing Remarks

M. Schramme

Farewell

20:00-02:00

Farewell reception

