THE 10th EDITION OF MRI IN VETERINARY MEDICINE

Towers Hotel Stabiae
Sorrento Coast
Castellammare di Stabia (NA), Italy
15-16 May, 2020

Organizing Secretariat
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Welcome and introduction

MRI is today the gold standard for Veterinary Clinicians and Scientists to develop better treatment options. In the last 10 years the total number of procedures has grown significantly improving the diagnosis of neurologic and orthopedic conditions.

As the MRI is more widely used, the need for quality education has grown and it is important to get connected with like-minded veterinarians to share best practices and practical advice.

After almost 20 years since the introduction of the first dedicated Vet MRI system, Esaote continues with its commitment in the veterinary field and is proud to announce its biannual International conference, representing an important forum for discussing the latest developments and future needs of worldwide veterinary customers.

The program for the 10th Edition of “MRI in Veterinary Medicine” will encompass the two main application streams, small animals and equine, for which internationally recognized specialists will be showcasing their research and case studies.

The rich scientific program is a blend of clinical science, technology and practical guidelines on the best techniques in order to improve your study protocols, optimize sequence parameters and patient positioning for a better workflow.

Esaote, for its 10th Anniversary, has chosen the beautiful venue of Sorrento, with its stunning panorama overlooking the Bay of Naples.

A meeting experience you don’t want to miss… see you in Sorrento!!!
Speakers

**FABRICE AUDIGIE**
DVM, HDR, PhD in Biomechanics, Large Animal ECVI Associate Member Head of the CIRALE (since 2014).

Curriculum: Graduated from the National Veterinary school of Alfort (ENVA) in 1992. I have then spent 6 years as a Lecturer in Anatomy at the ENVA. During this period I performed my PhD in Biomechanics on the “Kinematic analysis of lame horses”.

Since the opening of the CIRALE in 1999, I am in charge of the imaging platform of the center; radiography, ultrasonography, bone scintigraphy, magnetic resonance imaging and computed tomography.

In addition to a strong involvement in the daily clinical activity of CIRALE, my research studies are oriented towards mainly advanced and comparative imaging of the equine locomotor system. I am also finally implied in research activities oriented towards the development and validation of new therapeutic approaches for joint and tendon injuries including rehabilitation programs using the newly constructed dedicated part of the CIRALE called “Kinesia”.

**MASSIMO BARONI**
DVM, Dipl ECVN


Author of publications concerning small animal neurology, he presented at national and international meetings. Special interests: Advanced Neuroimaging, Neurosurgery.

**MYRA BARRETT**
DVM, Dipl ACVR

Dr. Barrett is an associate professor of equine diagnostic imaging Colorado State University. Dr. Barrett’s primary research and clinical interests are equine musculoskeletal imaging and comparative imaging, and she works closely with the equine surgery and sports medicine services. She is a founding partner of Inside in Motion Radiology, a dedicated equine teleradiology service. She routinely speaks at equine veterinary meetings and is regularly involved in teaching and clinical research as well as teaching. Being originally from Lithuania Sigita is holding yearly animal neurology lectures for students at the Lithuanian University of Health Sciences in Kaunas, Lithuania and is currently employed as lecturer. Sigita’s main areas of interest (outside animal neurology) continue to be gardening, wooden houses and their repair according to the old traditional way.

**CHRISTIAN FALLZONE**
DVM, Dipl ECVN

Cristian graduated in 2001 from the Veterinary School of Perugia, Italy. He worked as a general practitioner in private practices and within the surgery department of Perugia Veterinary School, until 2003. From 2004 to 2007 he completed a residency in Neuroscience and Neurosurgery in Valdivinole Veterinary Clinic-Italy. He spent most of the 2006 abroad in continuing education. In September 2007 Cristian was awarded the Diploma of the European College of Veterinary Neurology. He remained at Valdivinole until the beginning of 2010 and he then joined Davies Veterinary Specialists till the beginning of 2012. At the moment he’s working at the Small Animal Diagnostics in Zugliano (VI) as a clinical neurologist and neurosurgeon. He is author of national and international papers; he is the secretary of the Italian Society of Veterinary Neurology and a member of the European Society of Veterinary Neurology (SINVet and ESVN respectively) since 2004. His professional fields of interest are spinal surgery and neuro-imaging with particular emphasis on MRI.

**SQUISTAS CIZINAUSKAS**
DVM, DECVIM, Clinical Neurologist

Sigita graduated from Veterinary and Pharmaceutical University (Brno, Czech) in 1995 and then spent 2 years in small animal practice in Prague. In 1997 he started his residency in neurology and neurosurgery (University of Bern, Switzerland) and gained the European Diploma in Veterinary Neurology in 2001. In 2001 Sigita moved to Finland and became the head neurologist at the University of Helsinki, Finland. In 2005 he started Referral Small Animal Hospital Aisti in Helsinki and took up his current post of principal clinical neurologist. The neurology service has grown rapidly and currently employs 4 neurologists. Sigita has lectured both nationally and internationally and is involved in training of residents and young neurologists, clinical research as well as teaching. Being originally from Lithuania Sigita is holding yearly animal neurology lectures for students at the Lithuanian University of Health Sciences in Kaunas, Lithuania and is currently employed as lecturer. Sigit’s main areas of interest (outside animal neurology) continue to be gardening, wooden houses and their repair according to the old traditional way.

**THOMAS GOEDDE**
DVM, Dipl ECVN

1984-89: Student of veterinary medicine, Munich, Germany.


1995: Diplomate ECVN.


Fields of active research: pathophysiology, diagnostic imaging and treatment of spinal nerve root entrapment. Lameness of unknown origin.

**MICHAEL HERTAGE**
Professor, MA, DVSc, DVR, DVM, DECVM, DECVDI

Mike Herbage is Emeritus Professor of Small Animal Medicine at the University of Cambridge. He is a former Dean of the Veterinary School and was in charge of the small animal medicine and diagnostic imaging services at the Queen’s Veterinary School Hospital.

Dennis ECVDI and her team. In July 2010 she met Dr. Martin Konar ECVDI who offered her the opportunity to start a collaboration in Italy at the OSPedale Veterinario San Michele (Lodi) where she worked for three years under his supervision. In the end of 2012 she moved to Davis, California, to attend a stage in diagnostic imaging. When she came back to Italy she started to work as MRI consultant for Esate both in Europe and USA. In May 2013 she moved to Rome and she started to work at Clinica Veterinaria Roma Sud with Dr. Daniele Corlazzoli ECVN as radiologist specialized in MRI and CT.
JURINA KONRAD
DVM, Dipl ECVN
Diplomate European College of Veterinary Neurology
Facharzt für Kleintiere. Dr. Konrad Jurina qualified from the Free University of Berlin in 1991. He worked as an university assistant at the Small Animal Clinic of Berlin and finished his thesis on a neurosurical and radiological topic. In 1995 he went to the Small Animal Clinic of the University of Leipzig, where he was responsible for neurology and neurosurgery, as well as teaching. In 2000 he became the head of the MRI unit. Since 2003 he is co-owner of the “Tierklinik Haar”, a small animal second opinion clinic close to Munich. His focus is on neurology and neurosurgery as well as advanced imaging techniques. He is responsible for the mri and ct. Member oft he following scientific organisations:
- “Veterinary Neurosurgical Society”
- “Veterinary CT and MRI Society”
- “European Congress of Radiology (ECR)”
- “Fachforum Kleintiere der Fachgruppe Kleintierkrankeiten der DVG”
Co-author of the textbooks “Atlas und Lehrbuch der Kleintierneurologie” and “Die idiopathische Epilepsie des Hundes”.
Lecturer on international and national congresses.

MARTIN KONAR
DVM, Dipl ECVDI, Study of Veterinary Medicine
at the University of Vienna, Austria
1997-2003: University assistant at the Radiology Clinic of the Veterinary University of Vienna. Working as general radiologist and building up the MRI-service.
2003-2008: Oberarzt at the Department of Clinical Radiology, Vetsuisse Faculty, University of Berne, Switzerland. Medical director of the MR-Center Berne. At this time also resident of the European College of Veterinary Diagnostic Imaging (ECVDI).
2007: becoming Diplomate of the ECVDI by taking the board exam in Ghent, Belgium.
Doctoral thesis on MRI of the canine stifte joint. Since 2009 providing MRI support for several veterinary clinics in Europe.

DAVID G. LEVINE
DVM, BS
Assistant Professor of Clinical Large Animal Surgery, University of Pennsylvania School of Veterinary Medicine. Diplomate, American College of Veterinary Surgeons-Large Animal Surgery.

BEATRIX NANAII
DVM, Dipl ECVN, Dipl ACVS
Dr. Nanai graduated from the University of Veterinary Sciences, Budapest Hungary in 1998 where she completed a surgical internship. In 2001 she relocated to the United States and after receiving Educational Commission for Foreign Veterinary Graduates (ECFVG) certification, she completed a surgical externship at South Carolina Surgical Referral Services.
Between 2004-2007, she completed a residency in veterinary neurology and neurosurgery at Animal Emergency and Referral Center in Fort Pierce, Florida. In 2007 she became a Diplomate of the European College of Veterinary Neurology/Neurosurgery. She continued with her second residency training through the American College of Veterinary Surgeons at the Animal Emergency, Critical Care and Diagnostic Center in Melbourne, Florida. In 2014 she obtained her second specialty board certification and became a Diplomate of the American College of Veterinary Surgeons.
In 2016, Dr. Nanai moved to Pensacola, Fl and she is currently the head of the Surgery/Neurology department at the Veterinary Emergency Referral Center. Her special interests are neuroimaging and neurosurgery.

DON VAN DE WINKEL
DVM
Dr. Van de Winkel graduated from the Faculty of Veterinary Medicine at Utrecht University in January 2008. He has worked since then in an Equine Referral Clinic in Wolvenga. In 2008 he started to attend all the modules of the International Society of Equine Locomotor Pathology (I.S.E.L.P.) and in 2013 he passed his board examination at CIRALE (professor J.M. Denoix) and became a certified member of I.S.E.L.P. Wolvenga Equine Clinic is a clinic with its main focus on Equine Sports Medicine, Orthopedics & Surgery. Together with Den Ham Animal Clinic they are partners in a Esaote Vet Grande MRI. The main focus of Dr. Van de Winkel within the clinic is orthopedics and diagnostic imaging. His special interest is in ultrasound, MRI and biomechanics.

MARTIN WAASEL
DVM, Dipl ACVS and ECSV
2001: Graduation in Veterinary Medicine, Free University of Berlin, Germany.
2002: Doctor of Veterinary Medicine, (Dr.med.vet.); Vetsuisse Faculty, University of Zurich, Switzerland.
2003: AO/ASIF Fellowship; Texas A&M University/Ohio State University, USA.
2004-2007: Residency in Equine Surgery; The Ohio State University, USA.
2007: Master of Science in Equine Surgery (MS); The Ohio State University, USA.
2007-2009: Staff Surgeon, Vetsuisse Faculty, University of Zurich, Switzerland.
2009: Diplomate American College of Veterinary Surgeons; Diplomate European College of Veterinary Medicine.
2009-2012: Clinical Teacher in Equine Surgery; University of Helsinki, Finland.
2012-2013: Staff Surgeon; Equine Hospital Aschheim, Germany.
Since 2014: Partner and Senior Staff Surgeon; Equine Hospital Aschheim, Equine Diagnostic Center Munich, Germany.
Clinical Working Interests: General and Orthopedic Surgery, Osteosynthesis and Arthrodeses, Cervical Vertebral Interbody Fusion, Minimally Invasive Surgery, Advanced Diagnostic Imaging (CT, MRI, Myelogram), Clinical Research Interests, MRI of Stiffes, Tarsi and Carpi, Spinal/Vertebral Surgery, Diagnosis and Treatment of Equine Wobbler Syndrome.

ERMINIO BASSI
Esaote
Product Manager Marketing Vet MRI

LUCA BALBI
Esaote
MRI Sequence Development R&D
The 10th Edition of MRI in Veterinary Medicine

Scientific Program

FRIDAY, MAY 15, 2020

PLENARY SESSION

09:00 Welcome and Introduction - E. Bassi (Esaote)
09:15 Sequences update - L. Balbi (Esaote)
10:00 The blessings of the latest update - M. Konar
10:45 COFFEE BREAK
11:05 Experiences with the GScan Vet at Colorado State University - M. Barrett
11:55 Vet in a Spin - S. Cizinauskas
12:35 LUNCH BREAK

SMALL ANIMAL

13:45 MRI vs. clinical findings in lumbosacral disease in 250 dogs - T. Goedde
14:30 Update on MRI Spinal cysts - C. Falzone
15:15 The use of MRI in the diagnosis and management of ear disease - M. Hertridge
16:00 COFFEE BREAK

EQUINE

14:30 MRI of the menisci - M. Konar
12:20 Diagnosis and treatment of cervical spondylomyelopathy: a surgeon’s perspective - B. Nainai
11:35 Correlations between vertebral abnormalities and spinal cord diseases - M. Baroni
12:00 MRI Findings in Relation to Diagnostic Anesthesia - Observations in Cases of Distal Limb Pathology - M. Waselau

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18:00 Interactive Case Studies Discussion - All the Speakers
18:00 LUNCH BREAK

19:00 PLENARY SESSION - CONCLUSIONS

SATURDAY, MAY 16, 2020

SMALL ANIMAL

09:00 Pitfalls and pearls in low field MRI - C. Briola
09:45 MRI of the menisci - M. Konar
10:35 COFFEE BREAK
10:50 Comparative cervical spinal imaging abnormalities affecting the canine cervical spine and their human counterparts. What can we learn from the human conditions - B. Nainai
11:35 Correlations between vertebral abnormalities and spinal cord diseases - M. Baroni
12:20 Diagnosis and treatment of cervical spondylomyelopathy: a surgeon’s perspective - B. Nainai
13:05 LUNCH BREAK
14:05 MRI of nerve root diseases - C. Falzone
14:50 Interactive Case Studies Discussion - All the Speakers
15:50 COFFEE BREAK
16:10 Interactive Case Studies Discussion - All the Speakers
18:00 PLENARY SESSION - CONCLUSIONS

EQUINE

09:00 MRI-Findings in Relation to Diagnostic Anesthesia - Observations in Cases of Distal Limb Pathology - M. Waselau
09:45 Advanced imaging of the tarsus - D. Levine
10:35 COFFEE BREAK
10:50 Fetlock joint cases explored with MRI - D. van de Winkel
11:05 The use of the Oscan Equine for assessment of the hind proximal suspensory ligament and tarsus - M. Barrett
12:20 MRI guided fracture repair! - D. Levine
13:05 LUNCH BREAK
14:05 Interactive Case Studies Discussion
14:45 MRI guided fracture repair! - D. Levine
15:50 COFFEE BREAK
16:10 Interactive Case Studies Discussion - All the Speakers
18:00 PLENARY SESSION - CONCLUSIONS