



16th-18th of October
CORDOBA | SPAIN

PROGRAM



5th Scientific Meeting **ECVSMR** 2024

EUROPEAN COLLEGE OF VETERINARY
SPORTS MEDICINE AND REHABILITATION



ecvsmr2024.com

EQUINE PROGRAM

Workshops (Rabanales University Campus)

Wednesday October 16, 2024

09:12:30 h

Muscular wet lab (University Clinical Veterinary Hospital)

- **Muscle biopsy: how to do it and sent it**
S. Valberg
- **EMG examination: indications and how to do it**
I. Wijnberg
- **Imaging muscle disorders**
J. M. Denoix

12:30-14:00 h

Lunch

14:00-16:30 h

Rehabilitation techniques (University Equine Sports Medicine Center)

- **Physical therapies**
A. Muñoz and D. Argüelles
- **Updating of rehabilitation techniques**
K. Haussler
- **Devices available to rehabilitate horses**
S. Cokelaere

16:30-17:25 h

Resident forum (University Clinical Veterinary Hospital)

MAIN PROGRAM

(Rectorate of the University of Cordoba - Former Faculty of Veterinary Medicine)

Thursday October 17, 2024

08:00-08:45 h

Registration

08:45-09:00 h

Opening ceremony

SESSION I MUSCULAR PROBLEMS

CHAIR

E. Aguilera-Tejero.
University of Cordoba.

09:00-09:30 h

- **Keynote speaker. Diagnosis and management of exertional rhabdomyolysis**
S. Valberg

09:30-10:00 h

Oral communications:

- **Can the horse grimace scale be used as an indicator of pain in low-grade lame sport horses at rest?**
Irene Nocera
- **Determination of the different phases of the horse swim cycle and correlation to the limbs kinematic obtained by underwater 3D motion capture analysis: preliminary results.**
Moiroud Claire

10:00-10:30 h

Coffe break

10:30-11:00 h

- **Assessment of skeletal muscle oxidative capacity for training monitoring, fitness evaluation and detection of mitochondrial dysfunction in sport horses.**
D. Votion

11:00-11:30 h

- **Diagnosis and management of other external myopathies**
S. Valberg



11:30-12:00 h

- Nutrition in the equine athlete with poor performance

I. Vervuert

12:00-13:00 h

Annual General Meeting

13:00-14:00 h

Lunch, Poster session

SESSION II SPORT MEDICINE

CHAIR

A. Muñoz.

University of Cordoba

14:00-14:30 h

- Keynote speaker: Improving performance and injury prevention using mobile health.

C. Navas

14:30-14:50 h

- Hot topics in endurance horses (thumbs, cardio, etc..) from the point of view of internal medicine

E. J. Cunilleras

14:50-15:10 h

- Hot topics in dressage horses from of point view of musculoskeletal system

A. Boado

15:10-15:30 h

- Hot topics in showjumpers and three-day eventers from of point view of musculoskeletal system

J. M. Romero

15:30-16:00 h

Coffee break

16:00-16:20 h

- Hot topic in dressage, showjumpers and three-day eventers from of point view of internal medicine

E. van Erck

16:20-16:40 h

- Exercise associated sudden deaths or sudden athletic death.

C. Navas

16:40-17:00 h

- Round table: Dopping in sport horses FEI vs racehorses regulations?

C. Termine, M. J. Rodríguez and M. Varela

MAIN PROGRAM

(Rectorate of the University of Cordoba - Former Faculty of Veterinary Medicine)

Friday October 18, 2024

SESSION III UPDATING DIAGNOSIS

CHAIR

M. J. Rodríguez, Spain

09:00-09:30 h

- *Keynote speaker.* Nutrition in high level sport horses: speed vs endurance

I. Vervuert

09:30-10:00 h

- Imaging head and neck in the neurological sport horse

G. Manso

10:00-10:30 h

Coffee break

10:30-11:00 h

- Poor performance: specific tests according with the discipline

E. van Erck

11:00-11:30 h

- Diagnosis of the cervicothoracicobrachial syndrome

J. M. Denoix

11:30-12:30 h

Oral communications:

- Acid-base imbalances in Standardbred racehorses after a 2150 m race by traditional and simplified strong ion difference methods.

Marc Rebassa-Cicerol

- **Equine Lameness Detection and Monitoring with an Instrumented Hoof Boot**

Jasmin Keller

- **Comparison between in hand locomotion and harnessed locomotion in driving horses using a gait analysis system: a pilot study.**

Virginie Coudry

- **Functional assessment of coronary haemodynamic response to negative chronotropism**

Marta Valero González

12:30-13:00 h

- **Diseases that can be diagnosed by EMG**

I. Wijnberg

13:00-14:00 h

Lunch, Poster session

SESSION IV REHABILITATION AND THERAPIES

CHAIR

D. Argüelles

Univesirty of Cordoba

14:00-14:45 h

- **Keynote speaker.** Update of rehabilitation techniques on spinal pathology

K. Haussler

14:45-15:15 h

- **Biomechanical bases of equine rehabilitation**

J. M. Denoix

15:15-15:45 h

Oral communications

- **Autologous conditioned serum benefits inflammatory resolution compared to triamcinolone in a IL-1B synovitis model**

Ana Velloso Álvarez

- **Echocardiography of jumping horses trained for 10 weeks using the water treadmill**

Joana Simões

15:45-16:15 h

Coffee break

16:15-16:45 h

- **Equine myofascial therapy/techniques**

K. Haussler

16:45-17:15 h

- **Regenerative therapies: state of the art and critical update event**

S. Cokelaere

17:15-17:45 h

- **Kinesiotaping applications on sport horses**

S. Mikail

17:45-18:00 h

Closing ceremony

5th Scientific Meeting

ECVSMR 2024

EUROPEAN COLLEGE OF VETERINARY SPORTS MEDICINE AND REHABILITATION

SMALL ANIMALS PROGRAM

Workshops (Rabanales University Campus)

Wednesday October 16, 2024

09-12:30 h

Electroacupuncture: complementary therapy for pain management and neuropathies (University

Clinical Veterinary Hospital)

- Analgesic electrotherapy options: how to apply invasive TENS
- Neuromodulation for axial pain management
- Neuromodulation for hip pain management
- Acupoints for neuropathies management

Z. Vrbanac, M. Mucha and T. Hernández

12:30-14:00 h

Lunch

14:00-16:30 h

Exercise tests for monitorization of training

(University Clinical Veterinary Hospital)

- Introduction to monitorization of training
- Understanding exercise test: practice examples
- Elaboration of training program based on results
- How to introduce the companion dog to sport exercise

J. Alves, and N. Pastor

16:30-17:25

Resident forum (University Clinical Veterinary Hospital)

MAIN PROGRAM

(Rectorate of the University of Cordoba - Former Faculty of Veterinary Medicine)

Thursday October 17, 2024 Sport Medicine

08:00-08:45 h

Registration

08:45-09:00 h

Opening ceremony

SESSION I SPORT DOGS: DOGS WITH A BIG HEART

CHAIR

D. Joao Alves

09:00-09:30 h

- *Keynote speaker.* Sport and working dogs: historical veterinary vision

S. Maffi

09:30-10:00 h

Oral presentations

- Multimodal contextualized approach to dogs with fibrotic myopathy
- Surface electromyography of the lateral triceps and biceps brachii muscles in dogs during selected therapeutic exercises

Darryl Millis

10:00-10:30 h

Coffe break

10:30-11:00 h

- The role of veterinarians in dog sports competitions

S. Maffi

11:00-11:30 h

- Cardiovascular system in sporting dogs: physiological adaptations and their recognition

A. Boraita, and D. Porteiro



11:30-12:00 h

- **Cardiovascular system in sport: a comparative perspective**

A. Boraita, and C. Navas

12:00-13:00 h

Annual General Meeting

13:00-14:00 h

Lunch, Poster session

SESSION II TRAINING AND INTRODUCTION TO SPORT

CHAIR

G. del Pueyo

University Complutense of Madrid

14:00-14:30 h

- **Keynote speaker. Rehabilitation of sport dogs: how to return to competing**

S. Maffi

14:30-15:00 h

- **Elaboration of training programs: how to apply in our practice**

J. Alves

15:00-15:30 h

Oral communications

- **Enhancing Veterinary Sports Medicine: Thermographic Patterns in Athlete Dogs**

Irene Díaz Artiago

- **Factors associated with falling from the dogwalk in agility dogs**

Leena Inkilä

15:30-16:00 h

Coffee break

16:00-16:30 h

- **Prevention of injuries in agility dogs**

A. Pechette Markley Online

16:30-17:00 h

- **Hot topics in agility dogs**

A.Pechette Markley Online

MAIN PROGRAM

(Rectorate of the University of Cordoba - Former Faculty of Veterinary Medicine)

Friday October 18, 2024 Rehabilitation

SESSION III NEUROLOGY REHABILITATION

CHAIR

B. Bockstahler

University of Veterinary Medicine Vienna

09:00-09:30 h

- **Keynote speaker. Neurology patient: evolution of the rehabilitation review of last 15 years.**

G. del Pueyo

09:30-10:00 h

- **Rehabilitation of in the neurology patients: new tendencies**

A. Martins

10:00-10:30 h

Coffee break

10:30-11:00 h

- **Rehabilitation of atypical cases in the neurology patient**

A. Martins

11:00-11:30 h

- **Unveiling canine aging: exploring postural stability changes, measurement techniques, and implications for physiotherapy**

B. Bockstahler

SESSION IV CARDIOLOGY AND REHABILITATION

CHAIR

D. Porteiro

11:30-12:00 h

Oral communications

- **Technique for subcutaneous adipose tissue extraction from cranial to the manubrium to produce autologous mesenchymal stem cells and clinical outcome in 39 dogs**

James Guthrie

- **Transcutaneous electrical spinal cord stimulation in deep pain negative dogs with thoracolumbar intervertebral disc extrusion – A controlled pilot study**

Angela Martins

12:00-12:30 h

- **Rehabilitation in patients with heart disease: monitoring and limits.**

G. del Pueyo

12:30-13:00 h

- **Cardiac rehabilitation in veterinary patients**

A. Martins

13:00-14:00 h

Lunch, Poster session

SESSION V COMPLEMENTARY THERAPIES

CHAIR

M. Mucha

Outpatient Clinic for Physical Therapy and Rehabilitation, Vetmeduni, Vienna

14:00-14:45 h.

- **Keynote speaker. Kinesiotaping: evidence and how can help to our rehabilitation patients**

S. Mikail

14:45-15:30 h

- **Mesotherapy: evidence and treatment recommendations**

J. Alves

15:30-15:45 h

Oral communications

- **Conservative treatment of post traumatic spinal fracture and subluxation in a cat: a case report.**

Marta Alessandra Frigerio

15:45-16:15 h

Coffee break

16:15-16:30 h

Oral communications

- **Retrospective Evaluation of Treatment Outcomes for Sesamoid Disease in Dogs: 2018-2022**

Dominique Palper

16:30-17:15 h

- **Acupuncture: evidence and how can help to our rehabilitation patients**

Z. Vrbanac

17:15-17:45 h

- **Round table on Integrate complementary therapies to rehabilitation and sport medicine**

Z. Vrbanac, Marion Mucha, and J. Alves

17:45-18:00 h

Closing ceremony

ORGANIZING COMMITTEE

Jose Luis López Rivero

María Martín Cuervo

David Argüelles Capilla

Ana Muñoz Juzado

Tatiana Hernández Fernández

Mila Benito

Joao Alves

Juan Manuel Domínguez Pérez



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