



Advanced Training In Musculoskeletal and Medical Sports Conditions of the Horse

Module V – Sports Medicine 1 – Field techniques used to monitor and investigate poor performance in sport horses

Day 1 – Respiratory 1 and bloodwork (20st Jan):

Applied Theory

8h30-9h15: Stepwise approach of underperformance claim in the sport horse – work-up. Emmanuelle Van Erck

9h15-10h00: Interpretation of haematology and biochemistry in sport horses. María Martín Cuervo

10h00-10h45: Blood Parasites in sport horses - samples and interpretation. María Martín Cuervo

10h45-11h15: Coffee break

11h15- 12h00: Airway diagnostics (clinical exam, endoscopy, sampling, US, which test to select when). Julie Dauvillier

12h00-12h45: Hints and tricks for overground endoscopy. Emmanuelle Van Erck

Hands-on (14h00- 18h00)

Upper airway endoscopy practice

Transtracheal and blind lower airway and sampling

Cytology and interpretation

Day 2 – Respiratory 2 (21st Jan)

Applied Theory

8h30-9h15: Exercise testing. Emmanuelle Van Erck

9h15-10h00: How to perform a comprehensive thoracic and laryngeal ultrasound examination. Julie Dauvillier

10h00-10h45: Managing allergic airway disease in performance horses (doping regulations, show schedule). Julie Dauvillier

10h45-11h15: Coffee break

11h15- 12h00: Medical management and rehab of the upper airways. Emmanuelle van Erck

12h00-12h45: Update in infectious diseases of the lower airways. María Martín Cuervo

Hands-on (14h00- 18h00)

Dynamic upper respiratory endoscopy practice

Thoracic ultrasound practice

Laryngeal ultrasound practice

Day 3 – GI, Muscle and Nutrition (22nd Jan)

8h30-9h15: Overview of GI conditions affecting sport horses. Julie Dauvillier

9h15-10h00: EGUS in sport horses. Emmanuelle Van Erck

10h00-10h45: Overview of muscular conditions affecting sport horses. María Martín Cuervo

10h45-11h15: Coffee break

11h15- 12h00: Nutrition in high performance horses: It is not the same endurance than dressage. Emmanuelle Van Erck

12h00-12h45 Supplementation of Sport Horses.

Hands-on (14h00- 18h00)

Gastroscopy

Abdominal Ultrasound

Standardised exercise challenge tests/muscular biopsy: collection and conservation

Day 4 – Neuro and Clinical Cases Work-Up

8h30-9h15: Management of eye conditions in sport horses. María Martín Cuervo

9h15-10h00: Ataxia, weakness and lameness: How to differentiate. María Martín Cuervo

10h00-10h45: West Nile virus in sport horses: the cases in Spain and Portugal. María Martín Cuervo

10h45-11h15: Coffee break

11h15- 12h00: Management of an EHV outbreak: The Spanish Case. Ana Velloso

12h00-12h45: Neuro clinical cases

Hands-on (14h00- 18h00)

Solving of Clinical Scenarios/Cases (three groups)