

Course program

AOVET Equine Principles Course

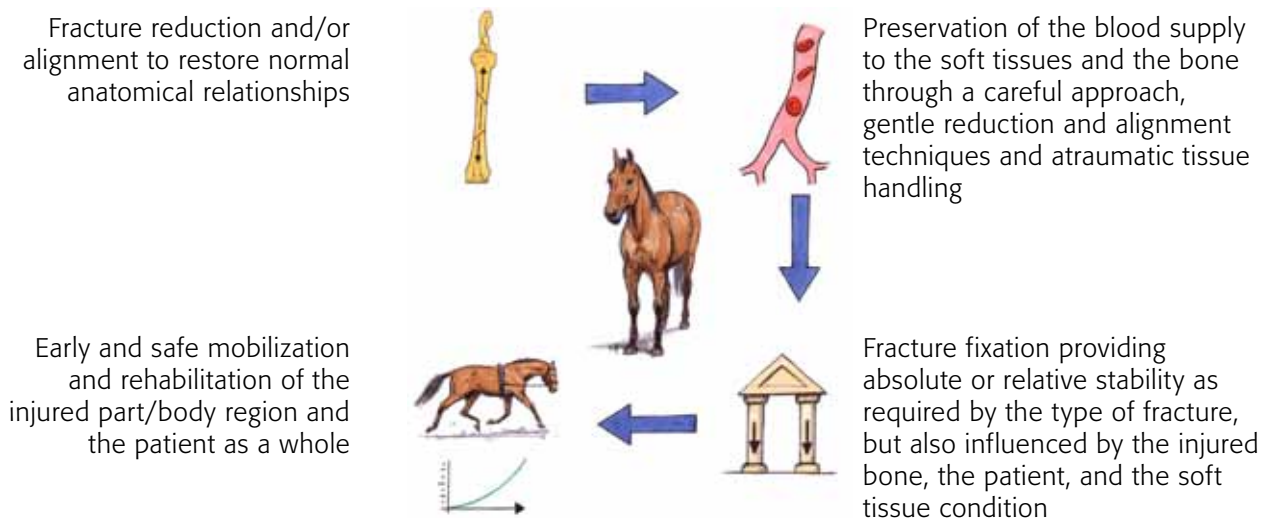
March 24–26, 2010, Hong Kong, China



Value Statement

AOVET is committed to improve the quality of patient care through state of the art education, which combines presentations from the leading specialists in the field and the practice of surgical skills and -techniques on anatomic models. This well-established and proven combination allows the veterinary surgeon to apply theory in practice with the goal to improve his/her treatment techniques for the benefit of the patients and their owners.

The AO Principles of fracture management



AOVET was founded 40 years ago in Waldenburg, Switzerland with the help of Dr Fritz Straumann, who believed that the animals should also profit from the progresses made in human fracture management. In 1968 several veterinarians met at the AO Courses in Davos and decided to initiate veterinary fracture management courses on a worldwide basis. From the beginning the veterinary fracture management courses involved lectures and practical exercises and since then more than 15'000 veterinarians from 45 countries have attended AOVET courses.

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Dear AOVET Equine Principles Course Participant

We welcome you to this AOVET Course and hope that you are enjoying it and become more interested in the AO-Family, specifically in AOVET.

What is AOVET? We are the veterinarians associated with the AO Foundation and form one of the four specialties of the AO Foundation (AOTrauma, AO-CMF, AOSpine). The goal of all specialties is to integrate applied and clinical research, education and community development functions into one direction for the benefit of our AOVET members, stakeholders and patients.

How can AOVET benefit you? By working together and forming a dynamic group, we will focus and better leverage our resources, expertise and skills. This leads to better results and more rewards and benefits for our members.

Why should you join AOVET? WE NEED YOU! By joining AOVET you are becoming part of the veterinary family within the AO Foundation. Through this membership you will develop lifelong friendships with leading veterinary specialists in trauma care as well as the key players in human Trauma- CMF- and Spine surgery. Being involved with these exciting dynamic groups will help you to expand your "knowledge network" and get involved in new opportunities that will advance veterinary trauma care.

Yours sincerely



Jean-Pierre Cabassu
Chairperson AOVET



Jörg Auer
Executive Secretary AOVET

Goal of the course

This Principles Course introduces you to the basic principles applied in successful trauma care and fracture management. It emphasizes different areas of Equine and Large Animal orthopedics: First aid and transportation of the injured animal, proper anesthesia

techniques, the principles of screw- and plate fixation, treatment techniques for specific fractures amenable to screw fixation, The faculty will present new techniques and innovative orthopedic concepts.

Target participants

Participants must have a good working knowledge of aseptic surgery, since familiarity with basic surgical instrumentation and their use will be assumed. Those

participants actively involved in fracture management procedures profit the most from this course, especially in problem-oriented discussions.

Course objectives

After the course, participants should be able:

- To understand the biomechanics of fracture healing with internal fixation
- To learn and apply the basic principles of fracture treatment by means of compression screws
- To define indications for internal fixation and the criteria for implant selection.
- To recognize and manage deformities of the appendicular skeleton.
- To learn and apply the basic principles of plate fixation in animals.
- To identify and analyze orthopedic infections and other complications.
- To formulate problems in the management of feline fractures.

Course description

The participants of the Equine Basic Principles Course will be informed on the history of the AO Foundation and in particular on the activities of AOVET, the veterinary Specialty within the AO Foundation. Distant learning materials containing lectures and learning materials on Bone healing, biomechanics and the basic principles on screw implantation and plate application will be sent to the participants after their signing up for the course. The participants are strongly urged to study the materials before arriving at the course location. Instructional lectures will involve diagnoses and

management of the fractured bones that can be treated by means of compression screws. Additionally the basic principles of plate application will be discussed. To provide a better learning effect, specific fractures will be treated during the laboratory exercises on polyurethane specimens of equine bones.

The participants are urged to take radiographs of clinical cases that they encountered in their practice on a CD or a USB Stick. These cases will be collected by the faculty and during a special session a selection thereof will be discussed together with the faculty.

Chairpersons



Joerg Auer
Zurich, Switzerland



Christopher Riggs
Hong Kong, China

Faculty

Dean W. Richardson, DVM, DACVS, University of Pennsylvania, School of Veterinary Medicine, Kennett Square, PA

Christopher M. Riggs, BVSc, MRCVS, PhD, DEO, DECVS, Equine Hospital, Department of Veterinary Clinical Services, The Hong Kong Jockey Club, Sha Tin Racecourse, New Territories, Hong Kong SAR

Michael J. Hurley, Equine Hospital, Department of Veterinary Clinical, Services, The Hong Kong Jockey Club, Sha Tin Racecourse, New Territories, Hong Kong SAR

Joerg A. Auer, Dr.med. vet. Dr. h.c, DACV, DECVS, Chair Equine Department, University of Zurich, Zurich, CH

Wednesday, March 24, 2010

TIME	AGENDA ITEM	WHO
07:30	Registration; Coffee	
08:20	Welcome and Introduction of the speakers	C Riggs
08:30	The AO Foundation and AO VET: History and Philosophy	J Auer
09:00	Discussion on Distant learning materials on bone healing	J Auer
09:30	Function and application of screws	J Auer
10:00	COFFEE BREAK	
10:30	Diagnosis and operative management of simple sagittal fractures of the proximal phalanx	D Richardson
11:00	Diagnosis and operative management of lateral condylar fractures of McIII	C Riggs
11:30	Third Metacarpal Stress Fractures: Pathogenesis and Treatment	D Richardson
12:00	Practical Exercise 1 - Demonstration of the implants and their use - Function of the different screws (Video 31029)	
13:00	LUNCH BREAK	
14:00	Practical Exercise 2 - Lag screw fixation of sagittal P1 fracture (Video: new 31070) - Lag screw fixation of lateral condylar fracture of McIII (Video: new 31071)	
15:15	Indications and application of casts and transfixation	C Riggs
15:45	Diagnosis and operative management of selected fractures of the mandible and maxilla	J Auer
16:15	Diagnosis and operative management of slab fractures of the third carpal bone	D Richardson
16:45	First aid and transport of the fracture patient	C Riggs
17:15	Adjourn	
18:30	Tour of the Hong Kong Jockey Club Equine Hospital followed by Race Meet at Sha Tin (sponsored by the Hong Kong Jockey Club)	

Thursday, March 25, 2010

TIME	AGENDA ITEM	WHO
08:00	Practical Exercise 3 - Lag screw fixation of slab fracture of C3 (Video: new 31072) - Stress Fracture MCIII Lag Screw Fixation / Osteostixis (Video: new 31074)	
09:00	Diagnosis and treatment of proximal sesamoid bone fractures	D Richardson
09:30	Function and application of plates	J Auer
10:00	Diagnosis and repair of simple olecranon fractures	C Riggs
10:30	COFFEE BREAK	
11:00	Practical Exercise 4 - Wiring of Incisor Teeth (Video: new 31039) - Application of a Pinless Fixator to Mandibula Fracture (Video: new 31037)	
13:00	LUNCH BREAK	
14:00	Indications and operative techniques of proximal interphalangeal arthrodeses	D Richardson
14:30	Treatment of angular limb deformities with periosteal stripping and growth retardation	J Auer
15:00	Practical Exercise 5 - Growth retardation of the distal radius and distal MCIII (Video: new 31076) - Plate repair of a simple olecranon fracture (Video: 31049)	
16:30	Coffee Break	
16:45	Discussion of Fracture cases provided by the participants	Faculty
18:45	Adjourn	

Friday, March 26, 2010

TIME	AGENDA ITEM	WHO
08:30	Bone grafting in the horse	J Auer
09:00	Diagnosis and operative management of fractures of the small metacarpal/metatarsal bones	D Richardson
09:30	Diagnosis and operative management of fractures of the Distal Phalanx	J Auer
10:00	Anesthetic Management of the Equine Orthopedic Trauma Patient	M Hurley
10:30	COFFEE BREAK	
11:00	Practical Exercise 6 - Arthrodesis PIP joint 3-hole 4.5 DCP/Lag screws (Video 31048) - Proximal fracture McVI fracture (Video 31047)	
13:00	LUNCH BREAK	
14:00	Antimicrobial Selection and Therapy for Equine Musculoskeletal Trauma	D Richardson
14:30	Postoperative Management of the fracture patient	C Riggs
15:00	Technical errors	J Auer
15:30	Recognition of infection in patients treated with orthopedic implants	D Richardson
16:00	Final Assessment	J Auer
16:30	Final discussion of the course / Distribution of Certificates.	J Auer, C Riggs
17:00	End of the course	

Course organization

Synthes (Hong Kong) Limited

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 Unit 29-37, 13/F
 Beverley Commercial Centre
 87-105 Chatham Road South
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Course information

Accreditation

AOVET Course is accredited for continuing medical education (CME) programs. The number of credit points or hours varies from country to country. The final information and number of credit points will be distributed with the course certificate.

Intellectual property

Course materials, presentations, and case studies are the intellectual property of the course faculty. Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden. All rights are reserved. Check hazards and legal restrictions on www.aovet.org/legal.

Security

Security checks at entrance of the building. Wearing of name tag is compulsory in the course venue.

Insurance

Course organizer does not take out insurance to cover any individual against cancellation of course, accidents, thefts or other risks.

Mobile phone use

Mobile phone use is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning your mobile off.

Dress code

Casual

Course language

English

Course venue

Hong Kong Academy of Medicine Jockey Club Building

99 Wong Chuk Hang Road
 Aberdeen
 HONG KONG



Course enquiry

Dr Christopher M Riggs

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Department of Veterinary Clinical Services,
The Hong Kong Jockey Club
Sha Tin Racecourse,
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Course registration

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