

Course program

AOVET Course – Advances in Equine Fracture Management

March 24–27, 2015, Hong Kong SAR, China



香港賽馬會
The Hong Kong Jockey Club



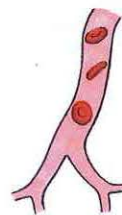
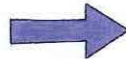
香港城市大學
City University
of Hong Kong

Value statement

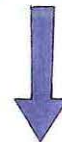
AOVET is committed to improving the quality of patient care through state of the art education, which combines presentations from leading specialists in the field with the practice of surgical skills and techniques on anatomic models. This well-established and proven combination allows the veterinary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

The AO principles of fracture management

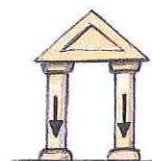
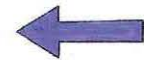
Fracture reduction and/or alignment to restore normal anatomical relationships



Preservation of the blood supply to the soft tissues and the bone through a careful approach, gentle reduction and alignment techniques and ~~atraumatic tissue handling~~



Early and safe mobilization and rehabilitation of the injured part/body region and the patient as a whole



Fracture fixation providing absolute or relative stability as required by the type of fracture, but also influenced by the injured bone, the patient, and the soft tissue condition



AOVET was founded in 1968 in Waldenburg, Switzerland with the help of Dr Fritz Straumann. He believed that the animals should also profit from the progress 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 course participant

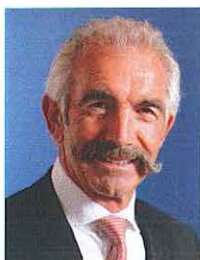
We welcome you to this AOVET course and hope that your experience here will encourage you to become more interested in the AO community, specifically in AOVET.

What is AOVET? We are veterinarians associated with the AO Foundation and we form one of the organization's four Specialties along with AOCMF, AOSpine and AOTrauma. 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 members, stakeholders and patients.

How can AOVET help you? By working together and forming a dynamic group, we improve our ability to focus and 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 will become 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 with key players in human CMF, Spine and Trauma surgery. Being involved with these stimulating groups will help you to expand your "knowledge network" and will provide new opportunities to advance veterinary trauma care.

Yours sincerely,



Jörg Auer
Chairperson AOVET



Rico Vannini
Chair AOVET Education Commission

Goal of the course

The AOVET Advanced Techniques in Equine Fracture Management Course emphasizes current and state-of-

the-art concepts in the treatment and management of fractures in large animals.

Target participants

Participants must have a good working knowledge of aseptic surgery as familiarity with basic surgical instrumentation and their use will be assumed. Comprehension of basic fracture management procedures, such as lag screw technique and application principles of DCPs are prerequisites. Those participants actively involved in fracture management procedures profit the most from this course, especially

in problem-oriented discussions. As this Course builds on the procedures discussed and practiced during the Basic Principles of Fracture Management in Horses, it is expected that the participants of the present Course have successfully participated in the Basic Course. It is advisable to review the distant learning materials sent out for the Basic Principles of Fracture Management in Horses Course before coming to Hong Kong.

Course objectives

After this course, the participants will be able to

- demonstrate deepened knowledge in equine fracture management
- discuss latest developments in fracture care for veterinarians
- apply the new fixation concepts—techniques and implants (locking compression plates) in horses
- integrate arthrodesis techniques into their daily practice
- describe the principles of the internal fixator and their application in the horse

Course description

Course participants will increase their proficiency and learn more about new developments in equine orthopedic surgery.

Well-known experts in equine orthopedics and traumatology will share their experience in fracture treatment through lectures, discussions, and hands-on laboratory sessions.

The participants of the Advanced Techniques in Equine Fracture Management Course will be informed on:

- the diagnosis and management of the major long bone fractures,
- the use of the different plates and internal fixators (LCP etc.),
- the diagnosis and management of physeal and metaphyseal fractures,
- the use of interlocking nails in upper long bone fracture treatment,
- the management of open fractures,
- the benefit and feasibility of arthrodeses of selected joints, the use of computer assisted surgery,
- discussion on the “do’s and don’t’s” in the surgery suite, and
- competitions and drawing for valuable prizes

Group case discussion and hands-on practical exercises will deepen the learning experience.

Chairpersons



Jörg Auer, Prof. Dr. h.c. ACVS/ECVS

AOVET / AO Foundation
Equine Department
Vetsuisse Faculty University Zurich
Winterthurerstrasse 260
8057 Zurich, Switzerland



Christopher Riggs, BVSc, PhD, DEO, ECVS, MRCVS

The Hong Kong Jockey Club
Equine Hospital
Sha Tin Racecourse
New Territories, Hong Kong, SAR, China

Faculty

Alan Nixon Prof. DVM ACVS

Cornell University
Department of Clinical Sciences, College of Veterinary Medicine
C3-187 VMC
14853 Ithaca
New York
USA

Dean Richardson Prof. DVM ACVS

University of Pennsylvania New Bolton Center
Charles W. Raker Professor of Surgery, Chief of Large Animal Surgery
382 West Street Road
19348 Kennett Square
Pennsylvania
USA

Alan Ruggles DVM ACVS

Rood and Riddle Equine Hospital
P.O.Box 12070
40580 Lexington
Kentucky
USA

Tuesday, March 24, 2015

TIME	AGENDA ITEM	WHO
07:30-08:30	Registration	
08:30-08:40	Welcome, introduction of the faculty	C. Riggs
08:40-09:10	Special implants: DCS / DHS, and LC-DCP	J. Auer
09:10-10:00	Practical exercise 1: • Unknow fracture	J. Auer
15.15-15.45	COFFEE BREAK	
10:30-11:00	Treatment principles of long bone fractures	A Ruggles
11:00-11:30	Diagnosis and treatment of complicated ulna fractures	A Ruggles
11:30-12:30	Practical exercise 2: • Fixation of a type II ulna fracture	J. Auer
12.30-13.30	LUNCH BREAK	
13:30-14:00	The use of arthroscopy in intraarticular carpal fractures	A. Nixon
14:00-14:30	Diagnosis and treatment of multifragmentary proximal phalanx fractures	D. Richardson
14:30-15:00	Application of LCP's	J. Auer
15:00-15:30	Reduction of long bone fractures	J. Auer
15:30-16:00	COFFEE BREAK	
16:00-16:45	Practical exercise 3: • Lag screw fixation of a multifragmentary proximal phalanx fracture	J. Auer
16:45-17:15	Treatment of McIII / MtIII fractures	A Nixon
17-15-17:45	Corrective osteotomies	J. Auer
17:45-18:45	Case discussion I	Faculty
18:45-19:00	DISCUSSION OF THE DAY	

Wednesday, March 25, 2015

TIME	AGENDA ITEM	WHO
08:00–08:45	Practical exercise 4: • Treatment of a mid-shaft McIII fracture	J. Auer
08:45–09:05	Treatment of radial and tibial fractures	A Ruggles
09:05–09:25	Treatment of humeral and femoral fractures	A. Nixon
09:25–09:45	Use of Intramedullary, Interlocking Nail Fixation	J. Auer / J. Watkins
09:45–10:15	COFFEE BREAK	
10:15–12:00	Practical exercise 5: • Treatment of a generic bone fracture with a lag screw and a 4.5/5 mm LCP Practical exercise 6: • Treatment of a mid diaphyseal 3 fragment MCIII fracture with a 10&11 hole broad	J.Auer
12.00–13.00	LUNCH BREAK	
13:00–15:15	Practical exercise 7: • Fixation of a radius fracture using a 5.5 mm LCP and a DCS Practical exercise 8: • Corrective osteotomy of the third metacarpal bone McIII	J.Auer
15:15–15:45	COFFEE BREAK	
15:45–16:05	Indications and surgical technique of arthrodesis of the metacarpophalangeal joint	D. Richardson
16:05–16:25	Intraoperative use of (direct) radiography and fluoroscopy during fracture fixation	A. Ruggles
16:25–16:45	The use of arthroscopy in intraarticular fractures involving the metacarpophlangeal joint	A. Nixon
16:45–17:15	Case discussion II	Faculty
18:30–19:00	Visit to the Hong Kong Jockey Club -Sha Tin Racecourse	
19:00	Races and Dinner at Hong Kong Jockey Club	

Thursday, March 26, 2015

TIME	AGENDA ITEM	WHO
08:00–08:30	Treatment of fissure fracture of the radius and tibia	J. Auer
08:30–09:30	Management of complicated middle phalanx fractures	D. Richardson
9:30–10:00	COFFEE BREAK	
10:00–12:30	Practical exercise 9: <ul style="list-style-type: none"> • Arthrodesis of the metacarpophalangeal joint with an 5.5 LCP Practical exercise 10: <ul style="list-style-type: none"> • Arthrodesis of the distal interphalangeal joint with 2 pastern arthrodesis plates 	J. Auer
12:30-13:30	LUNCH BREAK	
13:30–15:30	Free exercises 11: <ul style="list-style-type: none"> • (repetition of Practical exercise 7) Fixation of a radius fracture using a 5.5 mm LCP and a DCS 	Faculty
15:30-16:00	COFFEE BREAK	
16:00-16:30	Management of patella fractures	D. Richardson
16:00-18:45	Case Discussion III	Faculty
18:45-19:00	DISCUSSION OF THE DAY	

Friday, March 27, 2015

TIME	AGENDA ITEM	WHO
08.00–08.30	Arthrodesis techniques in other locations (distal interphalangeal joint; tarsus, shoulder)	A. Nixon
08.30–09.00	Incidence and management of physeal fractures	A Ruggles
09:00–09.30	Treatment principles of open fractures	C. Riggs
09:30–10:00	Implant removal: when and why	A Ruggles
10.:00–10:30	COFFEE BREAK	
10:30-11:00	Computer assisted surgery (CAS)	J. Auer
11:00–11:30	Technical failures in fracture treatment with plates	A. Ruggles
11:30–12:00	Final Course discussion Presentation of the diplomas	C. Riggs / J. Auer
12:00	End of the course	

Course venue

City University of Hong Kong
Lecture: Room 8220, 8/F, Academic 3,
Practical Exercise: Room 8230, 8/F, Academic 3
Tat Chee Avenue, Kowloon, Hong Kong SAR

<http://www6.cityu.edu.hk/wayfinder/en/Building/AC3/>



Course organization

AO Foundation

AOVET

Monika Gutscher
Equine Department
Vetsuisse Faculty University Zürich
Winterthurerstrasse 260
8057 Zürich, Switzerland
Phone +41 44 635 84 08
Fax +41 44 313 03 84
Email monika.gutscher@aovet.org
www.aovet.org

AO Foundation

AOCMF

Naoko Kawai | Regional Manager
AOCMF Asia Pacific
Unit 2605 | Miramar Tower
132 Nathan Road
Tsim Sha Tsui
Kowloon, Hong Kong
Phone +852 2581 1776
Fax +852 2581 1772
Email naoko.kawai@aocmf.org
www.aocmf.org

Course logistics

DePuy Synthes Companies
Johnson & Johnson (Hong Kong) Limited
Room 1001-1009, 10/F, Tower 2, Grand Century Place
Prince Edward Road West, Mongkok
Kowloon, Hong Kong

Chris Tsui
 Sales & Marketing Manager
 Trauma & Powertools

Kenneth Li
 Product Manager
 Trauma & Powertools

T. +852 2738 6080
 C. +852 9283 9676
 F. +852 2724 2063
 Ctsui3@its.jnj.com

T. +852 27386080
 C. +852 9500 7634
 F. +852 2736 8697
 Kli4@its.jnj.com

Course information

Course fee

AOVET Course Fee for – *Principles in Equine Fracture Management*, US\$ 1,500.–

Included in course fee are conference bag with documentation, coffee breaks, cocktail reception, course certificate.

Accreditation

AOVET Course accreditation varies from country to country.

Evaluation guidelines

All AOVET courses apply the same evaluation process, either ARS (audience response system) or paper and pencil questionnaires. This will help AOVET to ensure that we continue to meet your training needs.

Intellectual property

Course materials, presentations, and case studies are the intellectual property of the course faculty. All rights are reserved. Check hazards and legal restrictions on www.aofoundation.org/legal.

Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is absolutely forbidden. Participants violating intellectual property will be dismissed.

The AO Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The AO Foundation assumes participants agree that these recorded materials may be used for AO marketing and other purposes, and made available to the public.

Security

Security check at the entrance of the building. Wearing of a name tag is compulsory during lectures, workshops, and group discussions.

No insurance

The course organization does not take out insurance to cover any individual against 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 off your mobile phone.

Dress code

Casual

Upcoming courses

16.04.2015	19.04.2015	AOVET Course—Principles in Small Animal Fracture Management	Columbus	USA
16.04.2015	19.04.2015	AOVET Course—Advances in Small Animal Fracture Management	Columbus	USA
16.04.2015	19.04.2015	AOVET Course—Advances in Equine Fracture Management	Columbus	USA
17.05.2015	18.05.2015	AOVET Course—Masters in Small Animal / TPLO	Bristol	UK
25.05.2015	27.05.2015	AOVET Course—Principles in Small Animal Fracture Management	Brno	Czech Repl
28.05.2015	30.05.2015	AOVET Course—Principles in Small Animal Fracture Management	Kobe	Japan
01.06.2015	04.06.2015	AOVET Course—Advances in Small Animal Fracture Management	Shanghai	China
04.06.2015	05.06.2015	AOVET Course—Master in Foal Fracture Management	Zürich	Switzerland
05.06.2015	07.06.2015	AOVET Course—Masters in Small Animal Craniomaxillofacial Trauma and Reconstruction	Las Vegas	USA
12.06.2015	13.06.2015	AOVET Course—Principles in Small Animal Fracture Management	Norderstedt	Germany
16.06.2015	19.06.2015	AOVET Course—Principles in Small Animal Fracture Management	Leon	Spain
10.07.2015	12.07.2015	AOVET Course—Advances in Small Animal Fracture Management	Taipei	Taiwan
24.09.2015	27.09.2015	AOVET Course—Principles in Small Animal Fracture Management	La Jolla	USA
24.09.2015	27.09.2015	AOVET Course—Advances in Small Animal Fracture Management	La Jolla	USA
28.09.2015	30.09.2015	AOVET Course—Principles in Small Animal Fracture Management	Sidney	Australia
02.10.2015	02.10.2015	AOVET TPLO Workshop	Sidney	Australia
09.10.2015	11.10.2015	AOVET Course - Technicians	Leeds	UK
11.10.2015	13.10.2015	AOVET Course—Principles in Small Animal Fracture Management	Leeds	UK
11.10.2015	13.10.2015	AOVET Course—Principles in Small Animal Fracture Management	Leeds	UK
22.10.2015	22.10.2015	AOVET Course—Principles in Small Animal Fracture Management	Nashville	USA
28.10.2015	31.10.2015	AOVET Course—Principles in Small Animal Fracture Management	Ribeirao	Brazil
02.11.2015	05.11.2015	AOVET Course—Principles in Small Animal Fracture Management	Cape Town	South Africa
25.11.2015	28.11.2015	AOVET Course—Principles in Small Animal Fracture Management	Seoul	Korea
13.12.2015	17.12.2015	AOVET Course—Masters in Small Animal	Davos	Switzerland
13.12.2015	17.12.2015	AOVET Course—Advances in Equine Fracture Management	Davos	Switzerland

This list is subject to change. An updated list of all worldwide AOVET courses is available on www.aovet.org.

AO Foundation

AOVET Equine Department, Vetsuisse Faculty University Zürich
Winterthurerstrasse 260, 8057 Zürich, Switzerland
Phone +41 44 635 84 08, Fax +41 44 313 03 84, info@aovet.org

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