

Course program

AOVET—Principles in small animal fracture management

August 22-24, 2016

Ankara University
Faculty of Veterinary Medicine
Department of Surgery
Clinics of Orthopaedics and Traumatology
06110 Diskapi, Ankara
Turkey



Monday, August 22nd, 2016

	<u>LOCATION</u> : College of Veterinary Medicine, Ankara, Turkey	
Time	Agenda item	SPEAKER
8:00-8:30	Course Registration	
08:30-08:40	Welcome: Course introduction & Faculty Introduction	OG
08:40-09:00	AO philosophy	OG
Module 1	Science of Bones, Fractures and Implants	
09:00-09:20	Bone: Structure, vascularity and function	OG
09:20- 9:50	Bone Healing under stable and unstable conditions	OG
09:50-10:20	Fracture Biomechanics and classification	BK
10:20-10:50	Coffee Break	
Module 2	Screws, Pins and Wires	
10:50-11:20	Principles in bone screw function: plate, position and lag screw	OSS
11:20-11:40	Principles and clinical application of cerclage wiring	OSS
11:40-12.00	Principles and clinical application of tension band wiring	HB
12.00-12.30	Principles and clinical applications of Intramedullary Pins & Wires, tie-in technique	OSS
12:30-13:30	Lunch Break	
13:30-15:30	Practical exercise LAB A Introduction to the instrumentation 1. Principles - Cerclage wire application techniques 2. Femur- Avulsion fracture of the greater trochanter tension band wiring 3. Principles - The lag screw and the position screw 4. Humerus, lateral portion of the condyle -fracture stabilization with a lag screw and an anti-rotation K-wire	ALL

15:30-16:00	Coffee break	
Module 3	Diaphyseal Fracture Management	
16:00-16:30	Pre-operative patient assessment and planning	BK
16:00-16:30	Surgeon, patient preparation and aseptic technique	BK
16:30-16:50	Principles and clinical applications of Dynamic Compression Plate (DCP)	HB
16:50-17:20	Principles and clinical applications of Neutralization and Bridging Plate	HB
17:20-17:40	Principles and clinical applications of Plate and Rod	BP
17:40-18.00	New advancements in fracture management: locking compression plate, interlocking IM nail, MIPO	OG
18.00-18.30	Question and Answers	ALL
19.00	Welcome Reception	

Tuesday, August 23rd, 2016

Time	Agenda item	SPEAKER
Module 3	Diaphyseal Fracture Management (continued)	
08:00-08:20	Surgical approach and soft tissue handling	BK
08:20-08:40	Fracture reduction techniques	BP
08:40-09:00	Prophylactic antibiotics in orthopedic surgery	OG
09:00-9:30	Fractures of the humerus	BP
9:30-10:00	Fractures of radius-ulna	IC
10:00-10:30	Coffee Break	
10:30-12:30	Practical exercise LAB B <ol style="list-style-type: none"> Radius and ulna, shaft - transverse fracture, stabilization using the LC-DCP as a dynamic compression plate Humerus, mid-shaft - short oblique fracture fixation with an independent lag screw and the LC-DCP used as a neutralization plate 	ALL
12:30- 13:30	Lunch break	
13.30-14.00	Fractures of the femur	BK
14.00-14.30	Fractures of the tibia	HB
14:30-15:00	Coffee Break	
15:00-16:30	Practical exercises LAB C <ol style="list-style-type: none"> Femur, shaft - long oblique fracture. Cerclage wire application and intramedullary pinning Tibia mid-shaft—long oblique fracture fixation with lag screws through the LC-DCP used as a neutralization plate 	ALL
16:30-17:00	Pelvic fractures	IC
17:00-17:30	Principles of mandibular fractures repair	OG
17:30-18:00	Question and Answers	ALL

Wednesday, August 24th, 2016

Time	Agenda item	SPEAKER
Module 4	Diaphyseal Fracture Management (continued)	
08:00-10:00	Practical exercises LAB D 1. Femur - comminuted fracture fixation with an intramedullary pin and the LC-DCP used as a bridging plate 2. Oblique fracture of the ilium 6-hole 2.7 LC-DCP	ALL
10:00-10:30	Coffee Break	
10:30-11:00	Principles and clinical application of cancellous bone grafting and bone graft substitutes	OG
11:00-11:30	Principles of Joint fracture treatment	BP
11:30-12:00	Fractures in immature patients	OG
12:00-13:00	Practical exercises LAB E : Fracture game Tibia mid-shaft - Butterfly fracture fixation with independent lag screws and the LC-DCP used as a neutralization plate	ALL
13:00-14:00	LUNCH BREAK	
Module 5	Fractures Complications	
14:00-14:20	Open Fractures	BP
14:20-14:40	Delayed union - Non union	BP
14:40-15:00	Osteomyelitis: pathophysiology and treatment	OSS
15:00-15:20	Technical errors	IC
15:20-15:50	Post-operative management and implant removal	HB
16:00-16:30	Radiographic evaluation of fracture healing	IC
16:30-17:00	COFFEE BREAK	
17:00-17:15	Best lab exercise award	ALL

17:15-17.30	What do I have to buy to start?	ALL
17.30-17.40	Why do I have to join AOVET	ALL
17.40-18.00	End of the Course - Closure Certificate distribution	ALL



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 info@aovet.org
www.aovet.org

Course logistics

SynthesPty Ltd: depuysynthes.com
Depuy Synthes representative in Turkey: Selcuk Keskinol :keskinol.selcuk@synthes.com
Logistics from Switzerland : Francisco Fernández: fernandez.francisco@synthes.com
Patrick Piscopo (manager logistics):piscopo.patrick@synthes.com

Course Fee and Registration

Course Fees : 500 euros

Please register through the official congress site: <http://aovet.prosperis.com/>

Course venue



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