

AO Foundation - new video releases
September 21 2009

Video no	Title	Consultants	Year	Short description	Type	Languages
00132 (replaces video 00072)	Ulna, olecranon—transverse fracture 21-B1 fixation using a tension band wire	Piet de Boer (UK)	2009	The bone model has a transverse fracture of the olecranon. A tension band internal fixation of the fracture is used. The biomechanical theory behind the fixation is explained with experimental data. With a correctly constructed tension band, tension forces from the pull of the triceps are transformed into compression forces at the articular surface of the fracture site.	Practical exercise / Human ulna	En
22062	Metacarpus, 5th Metacarpal, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22063	Metacarpus, 3rd-4th Metacarpals, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22064	Metacarpus, 2nd Metacarpal, Dorso-Radial Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22065	Finger, Distal Interphalangeal Joint (DIP), Palmar Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22066	Finger, Proximal Interphalangeal Joint (PIP), Dorsomedial Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22067	Finger, Proximal Interphalangeal Joint (PIP), Dorsolateral Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22068	Finger, Proximal Interphalangeal Joint (PIP), Dorsal (Chamay) Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22069	Finger, Middle Phalanx, Lateral Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22070	Finger, Middle Phalanx, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22071	Finger, Proximal Phalanx, Lateral Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22072	Finger, Proximal Phalanx, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22073	Finger, Metacarpo-Phalangeal Joint (MP), Palmar Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22074	Finger, Metacarpo-Phalangeal (MP) Joint, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22075	Finger, Metacarpo-Phalangeal (MP) Joints II-V, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22076	Finger, Distal Interphalangeal (DIP) Joint, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22077	Finger, Flexor Tendon Sheath, Palmar Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22078	Thumb, Proximal Phalanx, Dorso-Lateral Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22079	Thumb, Metacarpo-Phalangeal Joint (MP), Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22080	Thumb, 1st Metacarpal, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22081	Thumb, Interphalangeal Joint, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22082	Metacarpus, 5th Carpometacarpal Joint, Dorso-Ulnar Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22083	Thumb, Trapezio-Metacarpal Joint, Radio-Palmar Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22084	Wrist Joint—Scaphoid Bone, Palmar Approach	Renato M Fricker (CH), Regula Steiger	2009		Approaches / Hand	En

Video no	Title	Consultants	Year	Short description	Type	Languages
		(CH), Klaus Lowka (DE)				
22085	Wrist Joint—Articular Disc, Lunate Bone, Triquetral Bone, Dorso-Ulnar Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22086	Wrist Joint—Distal Radius, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22087	Wrist Joint—Distal Radius, Palmar Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22088	Wrist Joint—Carpal Bones, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
22089	Wrist Joint—Scaphoid, Trapezium and Trapezoid Bones, Dorsal Approach	Renato M Fricker (CH), Regula Steiger (CH), Klaus Lowka (DE)	2009		Approaches / Hand	En
30121	Principles—cerclage wire application techniques	Ullrich Reif (DE), Daniel Damur (CH), Bruno Peirone (IT), Simon Roe (US)	2009	<p>Cerclage wires are used as a temporary or permanent fixation to maintain fragment reduction and fracture compression in long oblique fractures, in combination with an intramedullary pin, an external fixator, or a plate. Cerclage wires should not be used as a stand-alone fixation.</p> <p>In this presentation three cerclage wire application techniques are demonstrated:</p> <ul style="list-style-type: none"> - The twist cerclage - The single loop cerclage - And the double loop cerclage 	Practical exercise / Small animal	En
30122	Femur, shaft—long oblique fracture cerclage wire application and intramedullary pinning	Ullrich Reif (DE), Bruno Peirone (IT), Daniel Damur (CH)	2009	<p>In this presentation a long oblique fracture of the femur is stabilized using four cerclage wires, followed by normograde insertion of an intramedullary pin.</p> <p>The objectives are to show:</p> <ul style="list-style-type: none"> - The indications - The instruments and implants needed - The patient position and approach - And the reduction and stabilization of the fracture 	Practical exercise / Small animal	En
30123	Femur—avulsion fracture of the greater trochanter tension band wiring	Bruno Peirone (IT), Daniel Damur (CH), Ullrich Reif (DE)	2009	<p>In this presentation an avulsion fracture of the greater trochanter will be stabilized with tension band wiring.</p> <p>The objectives are to show:</p> <ul style="list-style-type: none"> - The biomechanics of tension band wiring - The indications for tension band wiring, - The instruments and implants needed - The patient position and approach - The reduction and stabilization of the fracture 	Practical exercise / Small animal	En
30124	Principles—the lag screw and the position screw	Daniel Damur (CH), Bruno Peirone (IT), Ullrich Reif (DE)	2009	<p>This presentation consists of two parts. The first part explains the principle of the lag screw. A lag screw creates compression across the fracture line as the screw is tightened. The second part explains the principle of the position screw. A position screw prevents the fracture fragment from collapsing into the medullary canal when the screw is tightened.</p>	Practical exercise / Small animal	En
30125	Humerus, lateral portion of the condyle—fracture stabilization with a lag screw and an anti-rotation K-wire	Daniel Damur (CH), Bruno Peirone (IT), Ullrich Reif (DE)	2009	<p>The objectives of this presentation are to show:</p> <ul style="list-style-type: none"> - The indications for lag screw and K-wire fixation of the lateral portion of the humeral condyle - The instruments and implants needed - The patient position and approach - The reduction and stabilization of the fracture 	Practical exercise / Small animal	En
30126	Humerus, mid-shaft—short oblique fracture fixation with an independent lag screw and the LC-DCP used as a neutralization plate	Daniel Damur (CH), Ullrich Reif (DE), Bruno Peirone (IT)	2009	<p>The objectives of this presentation are to show:</p> <ul style="list-style-type: none"> - The indications for lag screw and neutralization plate fixation of a short oblique mid-shaft fracture of the humerus - The instruments needed - The patient position and approach - The stabilization and fixation of the fracture 	Practical exercise / Small animal	En

Video no	Title	Consultants	Year	Short description	Type	Languages
30127	Radius and ulna, shaft—transverse fracture, stabilization using the LC-DCP as a dynamic compression plate	Ullrich Reif (DE), Daniel Damur (CH), Bruno Peirone (IT)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications for a dynamic compression plate applied to the radius - The instruments needed - The patient position and approach - The reduction and stabilization of the fracture 	Practical exercise / Small animal	En
30128	Tibia mid-shaft—Butterfly fracture fixation with independent lag screws and the LC-DCP used as a neutralization plate	Bruno Peirone (IT), Daniel Damur (CH), Ullrich Reif (DE)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications for an independent lag screw and neutralization plate fixation of a butterfly fracture of the tibia - The instruments needed - The patient position and approach - The reduction and fixation of the fracture 	Practical exercise / Small animal	En
30129	Tibia mid-shaft—long oblique fracture fixation with lag screws through the LC-DCP used as a neutralization plate	Ullrich Reif (DE), Daniel Damur (CH), Bruno Peirone (IT)	2009	The objectives are to show: <ul style="list-style-type: none"> - The indications for neutralization plate and lag screw fixation of a long oblique fracture - The instruments needed - The patient position and approach - The reduction and fixation of the fracture 	Practical exercise / Small animal	En
30130	Femur—comminuted fracture fixation with an intramedullary pin and the LC-DCP used as a bridging plate	Bruno Peirone (IT), Daniel Damur (CH), Ullrich Reif (DE), Don Hulse (US)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications for the use of an intramedullary pin and a bridging plate - The instruments and implants needed - The patient position and approach - The alignment and stabilization of the comminuted fracture 	Practical exercise / Small animal	En
30131	Principles—plate bending	Daniel Damur (CH), Ullrich Reif (DE), Bruno Peirone (IT)	2009	In this presentation the principles of plate bending are shown. Plates can be contoured using the bending pliers with the corresponding anvil. Small and large bending irons are also available.	Practical exercise / Small animal	En
31068	Proximal interphalangeal joint—middle phalanx fracture arthrodesis using two 3-hole 4.5 LC-DCPs and lag screws	Jörg Auer (CH), Evelyne Rebsamen (CH), Jeffrey Watkins (US)	2009	In this presentation, arthrodesis of the proximal interphalangeal joint for the treatment of a middle phalanx fracture is demonstrated. Fractures of the middle phalanx are frequently multifragmentary. It is very difficult if not impossible to treat a horse so that functional use is restored after fracture healing. The major limiting factor is the fracture penetrating the distal interphalangeal joint. In some cases, as in this exercise the fractures were repaired by two independent lag screws, combined with an arthrodesis of the proximal interphalangeal joint using two 3-hole 4.5 LC-DCPs.	Practical exercise / Large animal equine	En
31069	Middle carpal joint—multifragment fracture, partial carpal arthrodesis using two 4.5 LC-DCPs	Jörg Auer (CH), Evelyne Rebsamen (CH)	2009	Partial carpal arthrodesis can be effective for multifragment fractures of the distal row of carpal bones and advanced degenerative joint disease of the middle carpal joint and the carpometacarpal joint. In this exercise the bone model is repaired with a broad 8-hole 4.5 LC-DCP on the medial aspect, to span the intercarpal- and carpometacarpal joints. A narrow 6-hole 4.5 LC-DCP is applied distally from the intermediate carpal bone, spanning the same two joints.	Practical exercise / Large animal equine	En
31070 (replaces video 31040)	Proximal phalanx—monoarticular fracture, fixation with 4.5mm cortex lag screws	Jörg Auer (CH), Christoph Lischer (UK)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications for lag screw fixation of a monoarticular proximal phalanx fracture - The patient position and anatomic landmarks - The instruments needed, and the reduction and fixation of the fracture 	Practical exercise / Large animal equine	En
31071 (replaces video 31041)	Distal third metacarpal bone—lateral condylar fracture, fixation with 4.5mm cortex lag screws	Jörg Auer (CH), Christoph Lischer (UK), Alan Ruggles (US)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications for lag screw fixation of a lateral condylar fracture of the distal third metacarpal bone - The patient position and anatomic landmarks - The reduction and fixation of the fracture 	Practical exercise / Large animal equine	En
31072 (replaces video 31042)	Third carpal bone—slab fracture, fixation with 4.5mm cortex lag screws	Jörg Auer (CH), Christoph Lischer (UK)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications for lag screw fixation of a slab fracture of the third carpal bone - The patient position and anatomic landmarks - The reduction and fixation of the fracture 	Practical exercise / Large animal equine	En

Video no	Title	Consultants	Year	Short description	Type	Languages
31074 (replaces video 31044)	Third metacarpal bone—stress fracture, monocortical position screw fixation and osteostixis	Jörg Auer (CH), Christoph Lischer (UK), Alan Ruggles, (US)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications for the treatment of a stress fracture of the third metacarpal bone - The patient position and anatomic landmarks - The treatment of the fracture with a position screw and osteostixis 	Practical exercise / Large animal equine	En
31075 (replaces video 31045)	Proximal sesamoid bone—mid-body fracture, fixation with a 4.5mm cortex lag screw	Jörg Auer (CH), Christoph Lischer (UK)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications for lag screw fixation of the proximal sesamoid bone - The patient position and anatomic landmarks - The reduction and fixation of the fracture 	Practical exercise / Large animal equine	En
31076 (replaces video 31046)	Growth plates—growth retardation, correction of angular limb deformities in foals	Jörg Auer (CH), Christoph Lischer (UK)	2009	This presentation shows two procedures: Growth retardation of the distal radius using tension band wiring and growth retardation of the distal third metacarpal bone using a transphyseal position screw The objectives are to show: <ul style="list-style-type: none"> - The indications for temporary retardation of growth plates in foals - The anatomic landmarks - The growth retardation procedure for each bone 	Practical exercise / Large animal equine	En
31080 (replaces video 31039 V3)	Mandible—fracture of the corner incisors, fixation with cerclage wire	Jörg Auer (CH), Christoph Lischer (UK)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications for cerclage wire fixation of a fracture of the corner incisors - The patient position and anatomic landmarks - The reduction and fixation of the fracture 	Practical exercise / Large animal equine	En
31087 (replaces video 31055)	Radius, distal—fracture, LCP and the dynamic condylar screw system	Jörg Auer (CH), Christoph Lischer (UK)	2009	The objectives of this presentation are to show: <ul style="list-style-type: none"> - The indications - The patient position and approach - The planning - The reduction and fixation of the fracture - The application of the LCP - The application of the DCS 	Practical exercise / Large animal equine	En