

**Veterinary Orthopedic Society Program
Breckenridge, Colorado
February 20 - February 27, 2010**

**Sunday, February 21, 2010 Evening Session - Sponsored by Pfizer
Moderator: Nicole Ehrhart - President**

3:30-4:00	Welcome by Dr. Nicole Ehrhart, VOS President	Dr. Nicole Ehrhart	
4:00-4:30	Abstract and Research Submissions	Dr. Stewart and Dr. Evans	
4:30-4:45	Preclinical Assessment of Cementless Total Knee Replacement in the Dog	Dr. Matthew Allen	
4:45-5:15	<i>Break for Refreshments</i>		
5:15-5:30	Age-Dependent Prevalence of Radiographic Hip Osteoarthritis of Canine Hip Dysplasia in Golden Retrievers	Dr. Georga Karbe	
5:30-5:45	Micro Total Hip Replacement for Feline and Small Canine Patients	Dr. William Liska	
5:45-6:00	Anatomic Comparison of Acetabular Ventroversion From Double Pelvic Osteotomy Compared to Triple Pelvic Osteotomy	Dr. John Punke	
6:00-7:00	Jacques Jenny Lecture "Tissue Transplantation: Parts is Parts"	Dr. Ross Wilkins, MD	

Jacques Jenny Lecture Sponsored by Synthes Vet

7:00- 8:30 pm Exhibitors Showcase - Sponsored by the VOS

Monday, February 22, 2010 Morning Session - Sponsored by Pfizer
Moderator: Richard Evans - Research Chair
6:45- 9:00 President's Breakfast Sponsored by the VOS Education Foundation

7:00-7:15	VOS Foundation Year in Review	Dr. Cristi Cook	
7:15-7:30	Multicenter Outcomes Study for Evaluation of Tightrope CCL for Treatment of Cranial Cruciate Deficiency in Dogs: The First 1,000 Cases	Dr. Jimi Cook	
7:30-7:45	Influence of Locking Plates in Tibial Plateau Angle Changes After Tibial Plateau Leveling Osteotomy (TPLO) in Dogs with Cranial Cruciate Ligament Rupture	Dr. Nicolas Vecchio	
7:45-8:15	<i>Break for Refreshments</i>		
8:15-8:30	Intra-Articular Prosthetic Cranial Cruciate Repair	Dr. Randall Acker	
8:30-8:45	Novel Bone Anchor System Facilitating Intra-Articular Cranial Cruciate Ligament Restoration in the Dog	Dr. John Agostini	
8:45-9:00	Comparison of Complication Rates Between Titanium and Stainless Steel Implants Following Tibial Plateau Leveling Osteotomy in Dogs; 265 Cases (2007-2009)	Dr. Jongmin Kim	

**Monday, February 22, 2010 Evening Session - Sponsored by Pfizer
Moderator: Liz Pluhar - Assistant Program Chair**

4:00-4:15	Importance of Evidenced Based Veterinary Clinical Trial	Dr. Jimi Cook	
4:15-4:30	Randomized, Controlled, Clinical Trial to Determine the Efficacy of A Topical Epidural for Post-Operative Hemilaminectomy Pain Control	Dr. Wanda Gordon-Evans	
4:30-4:45	Prospective Evaluation of Cold Compression Therapy On Postoperative Pain, Swelling, Range of Motion and Lameness Following Tibial Plateau Leveling Osteotomy	Dr. Kevin Drygas	
4:45-5:15	<i>Break for Refreshments</i>		
5:15-5:30	A Description of Motion of the Canine Pelvic Limb in 3 Planes Using a New Inverse Dynamics Model	Dr. Jason Headrick	
5:30-5:45	Use of a Gingival Autograft to Create An Enduring Bio-Implant Interface for Limb Prosthesis	Dr. Erick Egger	
5:45-6:00	Long-term Follow-up of Lumbosacral Distraction-Fusion Using Combine Dorsal and Ventral Fixation Including A Novel Intervertebral Spacer Device (23 DOGS)	Dr. Noel Fitzpatrick	
6:00-7:00	Jacques Jenny Lecture “Limb Preservation: You’re Going to do What?”	Dr. Ross Wilkins, MD	

Jacques Jenny Lecture Sponsored by Synthes Vet

Tuesday, February 23, 2010 Morning Session
Moderator: Mike Conzemius - President Elect

7:00-7:15	Fracture Healing with Minimally Invasive Techniques	Dr. Dan Lewis	
7:15-7:30	Ultrasonographic and Radiographic Assessment of Fracture Healing After Percutaneous Plating and Open Plating of Radius-Ulna Fractures in Dogs	Dr. Antonio Pozzi	
7:30-7:45	Minimally Invasive Plate Osteosynthesis in 36 Tibial Fractures in Dogs and Cats	Dr. Laurent Guiot	
7:45-8:15	<i>Break for Refreshments</i>		
8:15-8:30	Minimally Invasive Application of a Plate-Rod Construct for Fractures of the Radius and Ulna: Technique and Case Series	Dr. Tige Witsberger	
8:30-8:45	Retrospective Study Evaluating Implant Failure in 213 Cases of Fractures or Osteotomies Stabilized Using Titanium or Stainless Steel Bone Plates	Dr. Laura Selmic	
8:45-9:00	An in Vitro Biomechanical Comparison of Equine Proximal Interphalangeal Joint Arthrodesis Techniques: A New Axial Positioned LCP Versus An Axial Positioned DCP Each with Two Abaxial Transarticular Cortical Screws Inserted in Lag Fashion	Dr. Gary A. Sod	

Tuesday, February 23, 2010 Evening Session
Moderator: Jimi Cook - Immediate Past President

4:00-4:15	Indications and Uses for SOP plates	Dr. Michael Kowaleski	
4:15-4:30	Preliminary Mechanical Investigation of the 3.5 Titanium SOP	Dr. Malcolm Ness	
4:30-4:45	In Vivo Biomechanical Evaluation of a Novel Angle-Stable Interlocking Nail Design in A Canine Tibial Gap Fracture Model	Dr. Julien Cabassu	
4:45-5:15	<i>Break for Refreshments</i>		
5:15-5:30	Development and Initial Clinical Testing of the SOP-TPLO Plate	Dr. Malcolm Ness	
5:30-5:45	Minimally Invasive Percutaneous Osteosynthesis for Treatment of Extra-Articular Tibial Fractures Using An SOP Plate-Rod Construct	Dr. Martha Klein	
5:45-6:00	The Effect of Post-Operative Cefpodoxime On Tibial Plateau Leveling Osteotomy Infection Rates	Dr. Alan Cross	
6:00-7:00	Jacques Jenny Lecture “Building the Animal Cancer Center: Some Science, Some Stories.... Some True”	Dr. Stephen Withrow, DVM	

Jacques Jenny Lecture Sponsored by Synthes Vet

Wednesday, February 24, 2010 Morning Session
Moderator: Allison Stewart - Program Chair
Mark S. Bloomberg Memorial Resident Research Award Winners -
Sponsored by New Generation Devices, IMEX Veterinary Inc., Arthrex Inc.,
Innovative Animal Products.
Merial has generously endowed a Mark S. Bloomberg Memorial Award.

7:00-7:15	Temporal Effects of Tendon-Derived Progenitor Cells in Healing Equine Tendon Injury	Dr. William Karlin	
7:15-7:30	Compressive Damage to the Deep Branch of the Lateral Plantar Nerve Associated with Lameness Caused by Proximal Suspensory Desmitis in Horses	Dr. Ferenc Toth	
7:30-7:45	Comparison of Two Equine Transfixation Pin Casts and the Effects of Pin Removal	Dr. Jarred Williams	
7:45-8:00	<i>Break for Refreshments</i>		
8:00-8:15	Outcome Measures in Dogs Managed with and without Surgery for Cranial Cruciate Ligament Rupture	Dr. Katja Wucherer	
8:15-8:30	Progression Toward Biological Joint Resurfacing in Dogs	Dr. Samuel Franklin	
8:30-8:45	Expression of Inflammatory Mediators in Canine Adipose and Bone Marrow Derived Stem Cell Populations as a Function of Cell Culture	Dr. Kristina Kiefer	
8:45-9:00	The Effect of Tibial Plateau Leveling Osteotomy On Femorotibial Subluxation: In-Vivo Analysis During Standing	Dr. Stanley Kim	

10:30- 12:00 pm Ski Race - Sponsored by BioMedtrix
12:00 pm Mountain Picnic - Sponsored by VOS-Bergenhof-Lower Level
(Base of Peak 8)

**Wednesday, February 24, 2010 Evening Session
Moderator: Noel Fitzpatrick - Recorder**

4:00-4:15	Arthroscopic Treatment of Joint Injury	Dr. Andrew Bathe	
4:15-4:30	Metacarpophalangeal Joint Lavage Performed Simultaneously with Regional Limb Perfusion in the Horse: Comparison of Two Tourniquets and Determination of Antimicrobial Concentrations in the Lower Limb	Dr. Stephane Alkabetz	
4:30-4:45	Distal Phalangeal Wounds Managed with Phalangeal Casts: A Retrospective Study of 50 Cases (1995-2006)	Dr. Allison Stewart	
4:45-5:00	<i>Break for Refreshments</i>		
5:00-5:15	In Vivo High-Field 3 Tesla Magnetic Resonance Imaging to Assess Osteochondral Healing in An Equine Model	Dr. Maria Menendez	
5:15-5:30	Osteochondral Allografting in Dogs: A Small Series of Cases	Dr. Jimi Cook	
5:30-5:45	Comparison of Canine Mesenchymal Stem Cell Yield From Different Locations of Bone Marrow and Adipose Harvest	Dr. Meghan Sullivan	
5:45-6:00	The Effect of Carprofen On Osteogenic Differentiation of Canine Mesenchymal Stem Cells	Eric Zellner	
6:00-7:00	Jacques Jenny Lecture "Osteosarcoma: Issues of Life and Limb"	Dr. Stephen Withrow, DVM	

Jacques Jenny Lecture Sponsored by Synthes Vet

7:00- 8:00 pm Poster Session - Sponsored by VOS

8:30 Comedy Night - Cosponsored by Orthomed (UK)

Thursday, February 25, 2010 Morning Session
Moderator: Susan Schaefer - Advertising/ Sponsor Chair

7:00-7:15	True Spherical Dome Osteotomy to Correct Angular Limb Deformity	Dr. Noel Fitzpatrick	
7:15-7:30	IL-1 beta Driven Osteoblasts Alter Chondrocyte Phenotype and Result in Cartilage Matrix Degradation in An in Vitro Co-Culture Model of Equine Osteoblasts and Chondrocytes	Dr. Elizabeth Barr	
7:30-7:45	Molecular Characterization of Early Osteochondrosis in Prepubescent Foals	Dr. Tara Riddick	
7:45-8:00	<i>Break for Refreshments</i>		
8:00-8:15	Comparison of Osteotomy Techniques for the Correction of Antebrachial Angular Limb Deformities in the Dog: Investigation of a Novel Dome Osteotomy Saw Blade	Dr. Derek Fox	
8:15-8:30	Radiographic Measurements of the Axes and Joint Angles of the Canine Radius and Ulna	Dr. Frank Fasanella	
8:30-8:45	Radiographic Evaluation of Proximal Radial Head Rotation/Subluxation in Surgically Managed Patients with Angular Limb Deformities	Dr. Emanouil Petkov	
8:45-9:00	Prevalence of Incomplete Ossification of the Humeral Condyle in the Limb Opposite Humeral Condylar Fracture: 14 Dogs	Dr. Brian Martin	

Thursday, February 25, 2010 Evening Session

4:00 pm Business Meeting, Peaks 6-10

6:30 pm Cocktails, Colorado Ballroom

7:30 Banquet/ Awards/ Entertainment, Colorado Ballroom

Friday, February 26, 2010 Morning Session
Radiology Rounds: Cristi Cook, Jimi Cook, Russ Tucker

7:00-7:45	Radiology Rounds
7:45-8:00	<i>Break for Refreshments</i>
8:00-9:00	Radiology Rounds

Friday, February 26, 2010 Evening Session
Moderator: Allison Stewart, Program Chair

4:00-4:15	Treatment of Equine Stifle Joint Injuries with Mesenchymal Stem Cells	Dr. David Frisbie
4:15-4:30	Care giver- placebo effect in Dogs with Osteoarthritis	Dr. Michael Conzemius
4:30-4:45	The Use of Delayed Gadolinium Enhanced Magnetic Resonance Imaging and T2 Mapping to Evaluate Articular Cartilage in the Canine Elbow	Dr. Katja Wucherer
4:45-5:00	<i>Break for Refreshments</i>	
5:00-5:15	BioScaffold Device Reduces Pain and Lameness in Dogs with Osteoarthritis	Dr. Jeff Kellerman
5:15-5:30	Can Goniometry Be Used to Detect the Presence of Lameness in Dogs with Chronic Elbow Osteoarthrosis?	Dr. Dana Whitlock
5:30-5:45	Pharmacokinetics of Intra-Articular Methylprednisolone Acetate and Endogenous Hydrocortisone Suppression in Exercising Horses	Dr. Maria Menendez
5:45-6:00	Equine Specific Protein Expression in Autologous Conditioned Serum: A Comparison of Two Commercial Methods (IRAP-I and IRAP-II)	Dr. Tom Hraha
6:00	Meeting Adjourns	

