

VOS 2016 PROGRAM

Saturday, February 27th – Registration and Welcome Reception
Sponsored by Zoetis

Madison/Gallatin

8:00-10:00pm *Registration and Wine and Cheese Reception*

Program continues on next page



2016 Caption Competition



Sunday, February 28th – Day
Lab: 9:30am-3:00pm
Gibbon/Lamar Rooms
Sponsored by OrthoPets

Sunday, February 28th – Evening Session
Sports Medicine, Rehabilitation and Orthopedics
Sponsored by Purina

Madison/Gallatin

Moderator: Janet Van Dyke

3:30pm	<i>President's Welcome and Foundation Messages</i>	
3:45	1 - Radiographic Outcome and Synovial Inflammatory Markers Following TPLO Dogs Enrolled in a Prospective, Randomized Clinical Trial Comparing the Effects of Diet and Physical Rehabilitation	Valentine Verpaalen
4:00	2 - Feline Anti-Nerve Growth Factor Antibody Improves Mobility in Cats with Degenerative Joint Disease-Associated Pain and Mobility Impairment	Margaret Gruen
4:15	3 - Evaluation of a Canine Stance Analyzer for Detection of Lameness in Dogs	Juliette Hart
4:30	4 - Preoperative Low Level Laser Therapy in Dogs Undergoing Tibial Plateau Levelling Osteotomy: A Blinded, Prospective, Randomized Canine Clinical Trial	Cleo Rogatko
4:45-5:15	<i>Break</i>	
5:15	5 - Extended Trot Distal Forelimb Kinematics on Measured Dirt and Synthetic Arena Surfaces	Susan Stover
5:30	6 - Randomized, Prospective Clinical Trial Comparing the Effects of Diet and Physical Rehabilitation in Dogs Following Plateau Leveling Osteotomy	Wendy Baltzer
5:45	Aratana State of The Industry Talk: Local Anesthetics – Current and Future	Caleb Hudson
6:00-7:00	Jacques Jenny Lecture: Ankle Arthritis: Distraction and Deformity Correction <i>Sponsored by DePuy Synthes</i>	Douglas Beaman
7:00-8:30	<i>Exhibitors Showcase: Sponsored by VOS—Exhibit Halls</i>	
7:10-8:00	Residents Session: How to Write Grants That Get Funded <i>Sponsored by Veterinary Transplant Services</i>	Matt Stewart Madison/Gallatin

Monday, February 29th – Morning Session
Orthopedics I
Sponsored by Arthrex

Madison/Gallatin

Moderator: Rich Evans

6:45am	<i>Past Presidents' Breakfast benefitting the VOS Educational Foundation</i> <i>Sponsored by VOS</i>	
7:00	7 - Effect of Tibial Tuberosity Advancement on Cranial Tibial Luxation in the Feline Cranial Cruciate Deficient Stifle Joint: An in-Vitro Experimental Study	Alexis Bilmont
7:20	8 - CASE REPORT - Evaluation of a Canine Talocrural Arthroplasty in Three Clinical Cases	Randall Acker
7:35	9 – Six-Month Outcome of an Intra-Articular Allograft Technique for Treatment of Cranial Cruciate Ligament Rupture in the Dog	Jeffrey Biskup
7:50-8:15	<i>Break</i>	
8:15	10 - Retrospective Evaluation of Lumbosacral Disease Treated with Rehabilitation, Discectomy or Discectomy with Surgical Stabilization	Tiffany Kimbrell
8:30	11 - Retrospective Evaluation of Hemiepiphysiodesis of Dogs with Proximal Tibial Valgus Deformities	Anastasia Olsen
8:45	12 - Comparison of Jigs and Osteotomy Types Used in the Correction of Distal Femoral Deformities in the Dog: An in Vitro Study	Matteo Olimpo
9:00	VOI State of the Industry Talk: anatomic CORA Based Levelling Osteotomy (aCBLO)	Tom Turner



Monday, February 29th – Morning Session
Equine Orthopedics
Sponsored by PulseVet

Gibbon Room

Moderator: Matt Stewart

6:45am	<i>Past Presidents' Breakfast benefitting the VOS Educational Foundation</i> <i>Sponsored by VOS</i>	
7:00	13 - Randomized, Blinded, Placebo-Controlled Clinical Trial of Resveratrol Supplementation for Equine Hock Lameness	Ashlee Watts
7:15	14 - Intra-Articular Polyacrylamide Hydrogel for the Treatment of 20 Horses with Non-Responsive Osteoarthritis of the Interphalangeal Joints: a Prospective Study	Andy Bathe
7:30	15 - Multi-Frequency High Power Laser Therapy in Equine Tendon and Ligament Injuries: A Prospective Pilot Study	Rachel Read
7:45-8:00	<i>Break</i>	
8:00	PulseVet State of the Industry Talk: Recent Veterinary Shockwave Related Research	David Frisbie
8:15	EBM for Orthopedic Medications Are the Biologic Soups Really Different?	David Frisbie
8:45-9:00	Discussion	

Monday, February 29th – Day
Lab – 9:30am-3:00pm
Gibbon/Lamar Rooms
Sponsored by VOI

Monday, February 29th – Evening Session
Sports Medicine and Rehabilitation
Sponsored by Purina

Madison/Gallatin

Moderator: Cheryl Tano

4:00pm	16 - Clinical Metrology Instrument Administration: Evaluation of Baseline Variability and the Effect of Independent Versus Dependent Interviewing on Pain and Mobility Scores in Dogs with Osteoarthritis	Carrie Muller
4:20	17 - Comparison of Three Different Covers for Use in Objective Gait Evaluation with a Pressure Sensitive Walkway	Nina Kieves
4:35	18 - Evaluation of Factors Influencing Accelerometry Activity Data in Dogs	Kyle Martin
4:50-5:15	<i>Break</i>	
5:15	19 - Evaluation of the Environmental Bias on Accelerometer-Measured Total Daily Activity Counts in Dogs with Osteoarthritis	Michael Conzemius
5:30	20 - Orthopedic Injuries during Marathon Sled Dog Racing	Dirsko von Pfeil
5:45	PulseVet State of The Industry Talk: Recent Veterinary Shockwave Related Research	Adrian Lock
6:00-7:00	Jacques Jenny Lecture: Concepts in Osteomyelitis <i>Sponsored by DePuy Synthes</i>	Douglas Beaman
7:30-9:30	<i>Dinner and Cocktails – Sponsored by Aratana</i>	
	A Review of Clinical Study Results for Postoperative Pain, Osteosarcoma and Osteoarthritis	Duncan Lascelles Nicole Ehrhart Steve Fox Scott Gustafson

Monday, February 29th – Evening Session
Equine Surgery
Sponsored by Respond

Gibbon Room

Moderator: Andy Bathe

4:00pm	21 – CASE REPORT - Reconstruction of a Complicated Orbital Depression Fracture with Medial Wall and Globe Repositioning in a Horse	Fred Caldwell
4:15	22 - Clinical Outcome Following Tenoscopic Accessory Ligament of the Deep Digital Flexor Tendon Desmotomy in 17 Horses	Fred Caldwell
4:30	Respond State of the Industry Talk: Laser Therapy in 2016: Where We Are Now With the Technology of Tomorrow?	Cara Blake
4:45-5:00	<i>Break</i>	
5:00	Use and Abuse of Locking Plates Treatment of Palmar Carpal Fractures CT Guided Fracture Repair	Dean Richardson
5:45-6:00	Discussion	



Skinning. Sun Valley 2015

Tuesday, March 1st – Morning Session
Orthopedics II
Sponsored by Arthrex

Madison/Gallatin

Moderator: Reunan Guillou

7:00am	23 - Radiological, Clinician and Owner Assessment of the BioMedtrix TATE® Elbow Arthroplasty	Neil Burton
7:20	24 - Synthes 1.5mm Locking Plates for Repair of Distal Radius/Ulna Fractures in 11 Dogs Weighing <4kg	Thomas Nelson
7:35	25 - Oblique Plane Inclined Osteotomies for Treatment of Antebrachial Angulation-Rotation Deformities in Dogs	Samuel Franklin
7:50-8:15	<i>Break</i>	
8:15	26 – Utility of MRI for Characterizing Articular Cartilage Pathology in Dogs with Medial Coronoid Disease	Samuel Franklin
8:30	27 - Canine Elbow Realignment Osteotomy (CERO): Validation of the Accuracy of Acute Radial Lengthening in a Cadaveric Incongruity Model	Neil Burton
8:45	28 - Use of Elastic Transarticular External Fixator Construct for Immobilization of the Elbow Joint: 4 Cases of Elbow Luxation and 1 Case of Avulsion of the Triceps Tendon	Bertrand Vedrine
9:00	Arthrex State of the Industry Talk: Improving Residency Training in Arthroscopic Surgery: What is NEW?	Antonio Pozzi



Tuesday, March 1st – Morning Session

Equine Imaging ***Sponsored by Sound***

Gibbon Room

Moderator: Andy Bathe

7:00am	29 - Difficulties Performing Ultrasound Guided Injection of the Podotrochlear Bursa	Jose Romero
7:15	30 - Diagnostic Utility of Three Dimensional Imaging in the Management of Equine Distal Limb Fractures: A Retrospective Study of 36 Cases	Rachel Read
7:30	31 - CASE REPORT - Bilateral Carpal Synovial Osteochondromatosis in an Aged Quarter Horse Mare...Avoiding the 'Procrustean Bed' of Equine Arthropathy Diagnosis	Matthew Stewart
7:45-8:00	<i>Break</i>	
8:00	Imaging Characteristics of Subchondral Bone Injury in the Fetlocks of Show Jumpers Cervical CT – What are the Possibilities? Digital Imaging – Accuracy in Interpretation and the Impact of Digital Artefacts	Sarah Puchalski
8:45-9:00	Discussion	

Tuesday, March 1st – Day
Lab -- 9:30am-3:00pm
Gibbon/Lamar Rooms
Sponsored by Arthrex

Tuesday, March 1st – Evening Session
Small Animal Imaging Rounds

Madison/Gallatin
Moderator: Russ Tucker

4:00-6:00pm		Alex Valdes
4:45-5:15	<i>Break</i>	Rachel Pollard
6:00-7:00	Jacques Jenny Lecture: Calcaneal Fractures and Tarsometatarsal Injuries <i>Sponsored by DePuy Synthes</i>	Douglas Beaman

Tuesday, March 1st – Evening Session
Equine Orthopedic Disease and Prevention
Sponsored by Hosso/AERI

Gibbon Room
Moderator: Matt Stewart

4:00pm	32 - Impact of Bisphosphonate Administration on Cortical Bone Repair	Matthew Stewart
4:15	33 - Staging and Analysis of Microstructural Changes in Navicular Disease	Mark Hurtig
4:30	34 - Evidence for Pre-Existing Pathology in Retrospective Postmortem Study of Non-Condylar Metacarpal Fractures in 14 Racehorses	Sarah Gray
4:45-5:00	<i>Break</i>	
5:00	Why are Soft Tissue Injuries Becoming So Prevalent in Sport Horses? What Pathology Has Taught Us About How We Should Train and Rehabilitate Racehorses	Susan Stover
5:30	State of the Industry Talk: Flexor Apparatus Injuries in the Horse: Cause, Prevention and Rehabilitation	Carl Kirker-Head
5:45	Discussion	

Wednesday, March 2nd – Morning Session
Complications and Corrections
Sponsored by Sontec

Madison/Gallatin

Moderator: Steve Petersen

7:00am	35 - Dislocation of a Dual Mobility Total Hip Replacement Following Fracture of the Polyethylene Liner	Bertrand Vedrine
7:20	36 - Technique Related Risk factors for Stem Complications with the Canine Press Fit Cementless Total Hip Arthroplasty	Sarah Townsend
7:35	37 - Comparison of Iatrogenic Articular Cartilage Injury in Canine Stifle Arthroscopy Versus Medial Parapatellar Mini-Arthrotomy	Cleo Rogatko
7:50-8:05	<i>Break</i>	
8:05	38 - Evaluation of Ultraviolet Light C for Reduction of Methicillin-Resistant Staphylococcus Aureus in a Canine Skin and Muscle Model: A Potential Alternative for Surgical Site Infection Prevention and Treatment	Mauricio Dujowich
8:20	TPLO fail, #65	Steve Petersen
8:35-9:05	Complications, Corrections and Acts of Desperation	Dean Richardson

Wednesday, March 2nd – Day

10:30 *NASTAR Race: Sponsored by BioMedtrix*

12:00 *Mountain Picnic: Sponsored by Everest* Huntley Dining Room



Wednesday, March 2nd – Evening Session
Regenerative Medicine
Sponsored by VTS

Madison/Gallatin

Moderator: Matthew Stewart

4:00pm	39 - Equine Allogeneic Bone Marrow-Derived Mesenchymal Stromal Cells Elicit Antibody Responses In Vivo	Lynn Marie Pezzanite
4:15	40 - Effect of Extracorporeal Shockwave Treatment on Growth Factor Expression from Equine Platelet-Rich Plasma	Kathryn Seabaugh
4:30	41 - Leukocyte, Growth factor and Cytokine Concentrations in Canine Platelet-Rich Plasmas Prepared with 5 Commercially Available Systems	Samuel Franklin
4:45	42 - Autologous Bone Marrow-Derived Mesenchymal Stromal Cells Elicit an Anti-Inflammatory Response in Canine Partial CrCL Rupture Model	Jason Bleedorn
5:00-5:15	<i>Break</i>	
5:15	43 - Randomized, Double Blinded, Placebo-Controlled trial to Investigate the Efficacy of a Dasuquin® for the Treatment of Osteoarthritis in Dogs	Ruth Scott
5:30	44 - Clinical Factors Affecting Success of Patient Cell Culture Towards Autologous Synoviocyte- Based Meniscal Tissue Engineering	Jennifer Warnock
5:45	DePuy Synthes State of the Industry Talk: Small Bones, Small Plates: Clinical Application of Mini LCP	Michael Kowaleski
6:00-7:00	Jacques Jenny Lecture: Overview of Ring External Fixation for Lower Extremity Trauma <i>Sponsored by DePuy Synthes</i>	Douglas Beaman
7:10-11:00	Poster Session and <i>Foundation Night</i> <i>Sponsored by Partners in Veterinary Therapeutics</i>	Upper Atrium
7:00-10:00	<i>Foundation Night Kids' Party</i> <i>Sponsored by VOS</i>	TBD

Thursday, March 3rd – Morning Session
Bloomberg Awards
Sponsored by Merial, New Generation Devices,
VOS Past Presidents, Orthomed, AO Vet, Securos and Kyon

Madison/Gallatin

Moderator: Andy Bathe

7:00am	45 - In Vitro Biomechanical Testing of the 3.5mm LCP in Torsion: A Comparison of Unicortical Locking to Bicortical Nonlocking Screws Placed Nearest the Fracture Gap in a Synthetic Bone Model	Alex Padron
7:15	46 - Third Carpal Bone Fracture is Associated with Focal Subchondral Bone Porosity in Racehorses	Elizabeth Collar
7:30	47 - Effect of Tibial Plateau Levelling Osteotomy on Stability of the Feline Cranial Cruciate-Deficient Stifle Joint: An in Vitro Experimental Study	Alexis Bilmont
7:45-8:00	<i>Break</i>	
8:00	48 - A Novel Technique for Cervical Fusion in Horses	Ellison Aldrich
8:15	49 - Ex-Vivo Effect of Sliding Humeral Osteotomy (SHO) on Thoracic Limb Alignment: Implications for Management of Medial Compartment Disease	Adam Breiteneicher
8:30	50 - Serum and Synovial Fluid Serum Amyloid A as an Aid in Confirming Synovial Sepsis in the Horse	Elsa Ludwig
8:45	51 - Biomechanical Comparison of Tibial Plateau Levelling Osteotomy Performed with a Novel Titanium Locking Plate Versus an Established Stainless Steel Locking Plate	Seth Bleakley

Thursday, March 3rd – Business Meeting

4:00-5:30pm	<i>Business Meeting</i>	Dunraven/Obsidian Room
6:30-7:30	<i>No Host Cocktails</i>	Missouri Ballroom
7:30-11:00	<i>Banquet – Sponsored by VOS Awards and Entertainment</i>	Missouri Ballroom

Friday, March 4th – Morning Session
Orthopedics III
Sponsored by Arthrex

Madison/Gallatin

Moderator: Jonathan Suber

7:00am	52 - Comparison of Ultrasound and MRI to Arthroscopy for Assessment of Medial Meniscal Pathology in Dogs with Cranial Cruciate Ligament Disease	Samuel Franklin
7:15	53 - Correlation of Distraction Index with Arthroscopic Findings in Juvenile Dogs with Hip Dysplasia	Emily Ulfelder
7:30	54 - Correlation Between MRI, Macroscopic and Histologic Measures in a Canine Model of Osteoarthritis	Michael Conzemius
7:45-8:00	<i>Break</i>	
8:00	55 - Safety and Accuracy of Minimally Invasive Long Bone Fracture Repair Using a Novel Interlocking Nail: A Cadaveric Feline Study	Sebastian Knell
8:15	56 - Evaluation of Fluoroscopic-Guided Closed Reduction Versus Open Reduction of Sacroiliac Fracture-Luxations in Lag Fashion	Amanda Haque
8:30	57 - Disposition and Ultimate Fate of a PLA-Peg Sustained Release Polymer after Intra-Articular injection	Mark Hurtig
8:45	58 - Biomechanical Evaluation of Polymethyl methacrylate with the Addition of Cefazolin, Vancomycin, Gentamycin and Silver	Michael Ficklin

Friday, March 4th – Day
Lab -- 9:30am-3:00pm
Gibbon/Lamar Rooms
Sponsored by Epica Medical

**Friday, March 4th – Evening Session
Orthopedics IV**

Madison/Gallatin Room

Moderator: John Chandler

4:00pm	59 - Computed Tomography Study of Safe Implantation Corridors in Rabbit Vertebrae	Clara Moran
4:15	60 - Frameless Stereotaxy for Vertebral Implant Guidance in Dogs	Fred Wininger
4:30	61 - Biomechanical Evaluation of Different Plating Techniques for Feline Iliac Fracture Gap Stabilization: An Ex Vivo Cadaveric Study	Philipp Schmierer
4:45-5:00	<i>Break</i>	
5:00	62 - Investigation and Grading of Intervertebral Disc Degeneration in the Cat By Way of Magnetic Resonance Imaging and Macroscopic Evaluation	Thomas Bitterli
5:15	63 - Comparison of Three Toggle Suture Constructs (TSCs) for Craniodorsal Hip Luxation in Dogs: An Ex Vivo Cyclical Biomechanical Study	Brian Saunders
5:30	64 - Flexible Egress Cannula Use for Canine Stifle Arthroscopy	Jennifer Warnock
5:45	65 - Evaluation of a Novel Extracapsular Articulating implant for Treatment of Cranial Cruciate Ligament Insufficiency	Neil Embleton
6:00	66 - Alternative Egress Technique for Reduction of Iatrogenic Cartilage Injury in Canine Stifle Arthroscopy	Miranda de la Vega

Close

