Publications

The following is a current list of publications that have author/co-authored by our COB Lab Research Team [1]:


- Au K, Mattern KL, **Lewis DD**. Use of an IMEX™transiliial rod articulated with an external fixator for stabilization of a dicondylar humeral fracture in a dog. *J Sm Anim Pract* (accepted).


• Coomer AR, Farese JP, Milner R, Taylor R, Salute ME, Rajon DA, Bova FJ, Siemann DW. Anti-Tumor Effects of Radiation Therapy, Carboplatin and Combretastatin-A4 Phosphate Combination Therapies in a Mouse Model of Xenografted Canine Osteosarcoma. *Abstracted from the University of Florida Comparative Orthopaedics and Biomechanics Laboratory for the 2009 Annual Conference of the Veterinary Orthopedic Society, Steamboat, CO, February 29-March 6* This abstact has been accepted as one of the Mark S. Bloomberg Memorial Resident Research Presentations.

• Coomer AR, Lewis DD, Isaza R, Winter M, Myers D, Quesada R. Stabilization of a Juxta-Physeal Distal Tibial Fracture in a Juvenile Tiger using a Hybrid Circular-Linear External Fixator. *Abstracted from the University of Florida Comparative Orthopaedics and Biomechanics Laboratory for the 2009 Annual Conference of the Veterinary Orthopedic Society, Steamboat, CO, February 29-March 6*


• Drygas KA, Pozzi AP, Goring RL, Horodyski MB, Lewis DD. The Effect of Tibial Plateau Leveling Osteotomy on Patellar Tendon Angle: A Cadaveric Study. Abstracted from the University of Florida Comparative Orthopaedics and Biomechanics Laboratory for the 2009 Annual Conference of the Veterinary Orthopedic Society, Steamboat, CO, February 29-March 6


• Fitzpatrick N, Cross AR, Lewis DD. A biomechanical comparison of external skeletal fixation and plating for the stabilization of ilial osteotomies in dogs. *Vet Comp Orthop Trauma* (accepted).


• **Horodyski MB**, Rechtine GR, **Conrad BP**, Bearden B, Kimball J, Weight M. Motion Generated in the Unstable Lumbar Spine During Hospital Bed Transfers. *Spinal Cord -trauma issue* (in review)


• Jacobs CA, Kaminski TW, Rozea G, **Horodyski MB**. Utilizing Enhanced Eccentric Exercise to Induce DOMS. *Medicine and Science in Sports and Exercise*.


• Lanz OI, Lewis DD, Madison JB, Miller GJ, Martin DE. A biomechanical comparison of screw and wire fixation with and without polymethylmethacrylate re-enforcement for acetabular osteotomy stabilization in dogs.


• Lewis DD, Radasch RM, Beale BS, Stallings JT, Lanz OI, Welch RD, Samchukov ML. Initial clinical experience with the IMEX™ Circular External Skeletal Fixation System - Part I: Use in fractures


- **Meister K, Talley MC, Horodyski MB, Indelicato PA, Hartzel JS, Batts J. Caudal Slope of the Tibia**


Abstracted from the University of Florida Comparative Orthopaedics and Biomechanics Laboratory for the 2009 Annual Conference of the Veterinary Orthopedic Society, Steamboat, CO, February 29-March 6

- Pozzi A, Tonks CA, Ling HY. Tibiofemoral Contact Mechanics and Medial Meniscal Strain after Serial Meniscectomies in the Dog Stifle. Abstracted from the University of Florida Comparative Orthopaedics and Biomechanics Laboratory for the 2009 Annual Conference of the Veterinary Orthopedic Society, Steamboat, CO, February 29-March 6


- Thieman KM, Pozzi A, Ling HY, Lewis DD, Horodyski MB. The Contact Mechanics of Meniscal Repairs and Partial Meniscectomy as Treatment for Simulated Bucket Handle Tears in the Stifle of Dogs. *Abstracted from the University of Florida Comparative Orthopaedics and Biomechanics Laboratory for the 2009 Annual Conference of the Veterinary Orthopedic Society, Steamboat, CO, February 29-March 6*

- Thieman KM, Pozzi A, Ling HY, Lewis DD, Horodyski MB. The Contact Mechanics of Simulated Meniscal Tears in Cadeveric Dog Stifles. *Abstracted from the University of Florida Comparative Orthopaedics and Biomechanics Laboratory for the 2009 Annual Conference of the Veterinary Orthopedic Society, Steamboat, CO, February 29-March 6*

- Tonks CA, Pozzi A, Ling HY, Lewis DD. The Effects of Tension on Contact Mechanics of the Lateral Stifle Compartment and Tension Optimization in Tightrope and Lateral Suture Stabilization Techniques. *Abstracted from the University of Florida Comparative Orthopaedics and Biomechanics Laboratory for the 2009 Annual Conference of the Veterinary Orthopedic Society, Steamboat, CO, February 29-March 6*


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