Thursday, April 30, 2015

8:30 – 10:50 a.m.  **SCIENTIFIC SESSION VI-B: MUSCULOSKELETAL**  
Arthur Meyers, MD and Jerry R. Dwek, MD, Moderators

8:30 – 8:50 a.m.  **Future Impact of Adolescent Sports Injuries and How Pediatric Radiologists Can Help Mitigate Long Term Effects of Sports Activity When Skeletally Immature**  
Jerry R. Dwek, MD

8:50 – 10:50 a.m.  **Scientific Papers – Musculoskeletal**

Paper #: 102  8:50  Winfeld  Differentiating os acromiale from normal developing acromial ossification center using magnetic resonance imaging

Paper #: 103  9:00  Kassis  Evaluation of Pediatric Long Bone Tumors with a single 3D T2-Weighted Fat-Water Separated Sequence

Paper #: 104  9:10  Chauvin  Articular Cartilage Changes within the Medial Femoral Condyle in Obese Children As Compared to Normal Weight Children

Paper #: 105  9:20  Radhakrishnan  Characteristic MR imaging findings in patients with cold exposure – making a case for phalangeal microgeodic disease

Paper #: 106  9:30  Eutsler  Localized Scleroderma in Children: Musculoskeletal MRI Findings

Paper #: 107  9:40  Winfeld  Utilization of chemical shift MRI in the diagnosis of disorders affecting pediatric bone marrow

Paper #: 108  9:50  Bao  Can bone marrow edema serve as a predictive biomarker for bone collapse in patients with corticosteroid-induced epiphyseal osteonecrosis?

Paper #: 109  10:00  Swenson  Chronic A DSLive Changes of the Inferior Patella in Children with Spastic Diplegia: Frequency and Imaging Appearance. Diffusion-Tensor Imaging and Tractography of the Knee in Children Reveals Changes in Physeal and Metaphyseal Architecture due to Age, Gender, and Height

Paper #: 110  10:10  Bedoya  Patellofemoral instability (PFI) in children Part I: T2 relaxation time of the patellar cartilage in PFI, compare with patients without PFI and correlate with morphological grading of cartilage damage


Paper #: 112  10:30  Francavilla  DTI of the femoral and tibial physes and metaphyses. Can it be done at 1.5T?

Paper #: 113  10:40  Delgado  

**Keynote Speaker**
Jerry R. Dwek, MD  
Clinical Assistant Professor of Radiology at University of California, San Diego  
San Diego imaging and Ready Children’s Happy Hospital and Health Center