Article 1: 6:45-7:00 pm  
Defining Spino-Pelvic Alignment Thresholds. Should Operative Goals in Adult Spinal Deformity Surgery Account for Age?  
Lafage, Schwab, Challier, Henry, Gum & Smith et al. Spine 2016; 41(1); 62-68.  
Presented by Dr. Brett Rocco

Article 2: 7:00-7:15 pm  
The Amount of Proximal Lumbar Lordosis Is Related to Pelvic Incidence  
Presenti, Lafage, Stein, Elysee & Lenke et al. CORR 2018; 476; 1603-11  
Presented by Dr. Bhanot Kunal

Article 3: 7:15-7:30  
Classification of normal sagittal spine alignment: refounding the Roussouly classification  
Laouissat, Sebaaly, Gehrchen & Roussouly, ESJ 2018; 2002-2011  
Presented by Dr. Dora Pelletier

Article 4: 7:30-7:45  
Impact of Cervical Sagittal Alignment Parameters on Neck Disability  
Iyer, Nemani, Nguyen, Elysee, Burapachaisri, Ames & Kim. Spine 2016; 41(5); 371-77  
Presented by Dr. Anna Reinmuller

Discussion, review and case examples 7:45-8:15  
Cases  
Dr. Lewis and staff
Cases

Case 1  Post-Harrington Flat Back
Case 2  Adult Degenerative Deformity
Case 3  Pediatric Adolescent Idiopathic Scoliosis (AIS)
Case 4  Cervical Deformity
Case 5  High Grade Spondylololisthesis
Case 6  Post-traumatic

Background Reading

Article 1  Sagittal Spinal Alignment: A Handbook for patient’s and Health Care Professionals
Dr. Stephen Lewis; Scoliosis Research Society

Article 2  A comparative analysis of sagittal spinopelvic alignment between young and old men without localized disc degeneration
Kim, Kim, Ahn, Kang, Yang et al ESJ 2014; 23; 1400-1406

Article 3  Sagittal spinopelvic balance in normal children and adolescents.
Mac-Thiong, Labelle, Berthonnaud, Betz, Roussouly ESJ 2007; 16; 227-234

Spine; 35(25); 2224-2231
Schwab, Patel, Ungar, Farcy & Lafage. Spine 2010; 35(25); 2224-2231