

# SPINE JOURNAL CLUB AGENDA

## Spinal Deformity Sagittal Alignment

Tuesday November 5, 2019 @ 6:30pm

Dr. Lewis Residence; 509 Bedford Park  
Ave, North York, M5M 1K2

**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 :00-7:15pm

### **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**

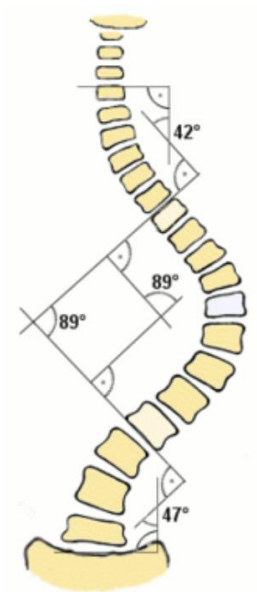
Iyer, Nemani, Nguyen, Elysee, Burapachaisri, Ames & Kim. Spine 2016 ; 41(5) ; 371-77

*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 Spondylolisthesis
- 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
- Article 4 **Adult Spinal Deformity- Postoperative Standing Imbalance. How much Can You Tolerate ? An Overview of Key Parameters in Assessing Alignment and Planning Corrective Surgery.**  
**Spine ; 35(25) ; 2224-2231**  
Schwab, Patel, Ungar, Farcy & Lafage, Spine 2010 ; 35(25) ; 2224-2231

