# Cervical Deformity from Childhood to Adulthood

## Welcome & Introduction – 1:00-1:05pm

### Assessment – 1:05-1:50 PM

**Moderator:** Stefan Parent, MD, PhD

- **1:05-1:15pm** Development of the Adult Cervical Deformity Classification System: Implications for Treatment  
  *Themistocles S. Protopsaltis, MD*

- **1:15-1:25pm** 3D Imaging  
  *Hubert Labelle, MD*

- **1:25-1:35pm** Clinical Assessment- Facial Asymmetry, Vestibular Dysfunction, Etc.  
  *Amer F. Samdani, MD*

- **1:35-1:50pm** Discussion

## Intrinsic Deformity – 1:50-3:00pm

**Moderator:** Burt Yaszay, MD

- **1:50-2:00pm** Cervical/Upper Thoracic 3 Column Osteotomy  
  *Ikka J. Helenius, MD, PhD*

- **2:00-2:10pm** Pediatric Cervical Spine Tumors  
  *John Dormans, MD*

- **2:10-2:20pm** Post Laminectomy Kyphosis  
  *Jean Marc Mac-Thiong, MD, PhD*

- **2:20-2:35pm** Discussion

- **2:35-3:00pm** Cases of Intrinsic Deformity

## Break – 3:00-3:20pm

## Extrinsic Deformity – 3:20-4:55pm

**Moderator:** Patrick J. Cahill, MD

- **3:20-3:30pm** PJK  
  *Ronald A. Lehman, Jr., MD*

- **3:30-3:40pm** Chin-on-chest Deformity Associated with Ankylosing Spondylitis  
  *Bangping Qian, MD*

- **3:40-3:50pm** Cervical Deformity in Neurofibromatosis  
  *Alvin H. Crawford, MD*

- **3:50-4:00pm** Cervical deformity and Instability in Skeletal Dysplasias and Syndromes  
  *Jonathan H. Phillips, MD*

- **4:00-4:20pm** Cervical response to thoracic deformity- AIS  
  a. What we know in pediatrics world – *Suken A. Shah, MD*  
  b. What does it mean in the adult world – *Gregory M. Mundis, Jr., MD*

- **4:20-4:35pm** Discussion

- **4:35-5:00pm** Cases of Extrinsic Deformity