

15<sup>TH</sup> HIBBS SOCIETY PROGRAM (3<sup>RD</sup> YR. FOCUSSED ON PJK/PJF) 9/7/14---ANCHORAGE, ALASKA

Indian approach to avoiding PJK/PJF---Dr. Arvind Jayaswal---Director Spine Deformity Program---All-India Institute for Medical Sciences---New Delhi, India---“Special Invited Expert”---2014

#### PJK/F IN EOS

El-Hawary/chest wall/spine study group---27% PJK/PJF in 40 patient/3 yr EOS series--- incidence w spine/rib instrumentation

#### PJK/F IN SCHEURMANN’S KYPHOSIS

DeKleuver/Holland---long-term Follow-up with posterior correction and PJK

Mehdian/Nottingham---long-term Follow-up with PJK and rib-hook re-operation

Gaines/Missouri---long-term follow-up of 8 cases with anterior-only “bone-on-cage” w NO PJK/PJF

#### PJK/F P CORRECTION OF ANKYLOSING SPONDYLITIS ---Qian/Qiu—Nanjing, China

#### PJK/F IN ADULT DEGEN

President Glassman ---“Alignment is not balance”

Yagi/Japan---Classification of PJK/PJF from series of 1668 AdultSpineDeformity series ---1.4% PJF/22%

PJK incidence; 11 cases w SCI from PJF---and 50% new PJF p re-operation for first PJF

Ames/SRS adult committee---crying need for Classification/SRS membership survey---

Hart/Ames/ISSG---evaluation of Classification criteria in predicting new PJK/PJF

Sethi, et.al./Seattle---Conference-based approach to reducing PJK/PJF/complications in ASD series

Dewald/Chicago---SS implants have reduced incidence of PJK/PJF vs. Ti and CoCr in ASD

Yagi/Japan---Teriparatide pre-op reduces PJK/PJF in ASD when used pre-operatively

Obrien/Washington, DC---Intra-op vertebroplasty of UIV isn’t “uniform” in preventing PJK/PJF

#### SPINO-PELVIC PARAMETERS AND MATHEMATICAL MODELS MAY APPLY TO JUNCTIONAL PROBLEMS

Deinlein/Hedlund---how to apply “spine equation” to ? avoid PJK/PJF ???

#### NEW IDEAS TO PREVENT JUNCTIONAL PROBLEMS

Bylski-Austrow/Cincinnati---flexible rods for correction of EOS—exptl. study

Albert/Dayton---SSI w polyester bands totally avoid PJK/PJF in neuromuscular series of 29 children