



# ***XX<sup>th</sup> Brussels International Spine Symposium***

**Home**

***SCIENTIFIC PROGRAM :***

**Scientific Program**

**Faculty**

**Basics/Diagnosis**

**General Informations**

- Who develops chronic low-back pain?
- Understanding spinal pain: advances during two decades
- Biologics in Spine Surgery: Controversies and Current State of the Art
- The myth of Instability
- Is discography still on?
- Rheumatoid arthritis - a vanishing surgical disease?
- Cervical myelopathy

**Registration Form**

**Previous Meetings**

**Exhibitors & Sponsors**

**Exhibitor Information**

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**Conservative care/Rehabilitation**

- 20 years evolution in pain therapy for low back pain
- Evidence in manipulative care twenty years ago and now
- Surgery versus intense rehabilitation for spinal degenerative conditions. Where do we stand in 2013?
- The best predictor for successful outcome in low back pain rehabilitation or surgery". What have changed over 20 years?
- 10 years with focus on fast-track surgery and rehabilitation - where is the limit?

**Ethics and Economy**

- The Profit-Motive and the Treatment of Lumbar Degenerative Conditions
- Disclosures in Spine Surgery: Conflicts of Interest and Current Practice
- The device industry in spine surgery: what has changed in the US the last 20 years
- Medical errors and their root cause
- Newer techniques of techniques of

diagnosis and surgery have led to better patient outcomes over the last 20 years, True or False?

- Are we better scientists today with current outcomes measurements compared to 20 years ago?
- Over the last 20 years, we have learned that the residents and physicians have changed.
- Has quality in spine surgery improved in the last 20 years?
- Cost-effect analysis - The impact of a modern outcome parameters on Low Back Pain treatment

### **Approaches**

- Back to the Front
- XLIF for degenerative scoliosis as a new option for sagittal alignment correction
- Minimally invasive fusion for LBP or minimally invasive spinal stenosis surgery, thoracic disc?
- Microsurgery 20 years on: what are the surgical techniques and technology the spine surgeon must learn and use to move from good to great? Is there still room for better surgical techniques and technology?
- Has the minimally invasive trend of the last 20 year gone too far: Is there a role for facet dowels, interspinous spacers, ligamentum flavum shavers, bags for interbody fusion etc?
- Minimally invasive surgery and x-ray exposure: what have we learned about the risk to surgeons and patients in the last 20 years?

### **Tumors/Trauma/Deformity**

- Advances in the management of cervical spine trauma
- What is new in Fracture Classification?
- What we have learned in the field of spine tumor care
- The changes which occurred in the knowledge of idiopathic scoliosis diagnosis and treatment in the last 20 ears.

### **New Technologies**

- The good, the bad and the ugly "20 years of motion preservation in the lumbar spine"
- Long term experience in Nucleus Replacement Surgeries - the failure of a promising concept
- Long term experience lumbar TDR Surgeries - comparison to fusion in terms of clinical outcomes and complications
- Complication of motion preservation with posterior dynamic, interspinous and facet replacement.
- Novel image-guidance techniques for spine surgery
- Robotic spine surgery with the Mazor system
- Fads in spinal implant development. A 20-year review
- Alternative solution of the electric cautery to decrease bleeding and pain

### **Fusion/Disc herniation**

- Sagittal imbalance should be considered even for one level fusion
- The advancement of fusion techniques for the Lumbar spine over the 20 years or Have we eliminated pseudarthrosis ?
- With complications from BMP's, should we go back to the minimally invasive graft harvesting techniques of twenty years ago?
- Treatment of disc herniation and sciatica: what has happened in 20 years?
- Degenerative SPL : how to move forward down to better move backward up