



2012 Annual Conference for The Society for Progress & Innovations for the Near East (S.P.I.N.E.)

June 27 – June 30, 2012

TENTATIVE CONFERENCE TOPICS and AGENDA

General Program Overview

The 2012 conference will run over four days and is divided into two main parts. The first part is *The 5th Annual Symposium on Current Concepts in Orthopedics (Sports Injury, Joint Reconstruction, & Trauma), Spine, and Pain & Rehabilitation Medicine*. This will feature didactic sessions that are CME accredited. The sessions will be held in the late mornings and afternoons of June 28th through June 30th. There will be general sessions to open and close this portion of the meeting. In between these times, participants will be able to choose to attend one of three, concurrent tracks. The tracks are 1) Orthopedic, 2) Spine and 3) Pain/Rehabilitation medicine.

The second part is *The 5th Annual Hands-On Cadaveric Biopskills Workshops*. This portion of the conference offers unique one-on-one hands-on workshops, with rotations every 90 minutes on June 27th for the full day and in the mornings of June 28th through the 30th. These sessions do not offer CME credit.

Due to many requests and feedbacks from the last two years, new features this year include non-accredited Pre-Course Roundtables on Wednesday, June 27th. These roundtables, led by pioneers in the field, will focus on a particular pathology in orthopedic, spine or pain/rehabilitation medicine. In depth discussions will provide attendees with options on different ways to understand the pathology and manage it, highlighting a particular promising technology that is or likely to be the next standard of care. Industries with unique technologies can support these roundtable discussions and will have the opportunity to meet and greet specialists in the field.

Another very exciting feature this year will be our “Back to the Basics” discussions. This series of didactic, casual discussions, led by international academic faculties, will feature basic knowledge and fundamentals of different pathologies in all three tracks. These sessions are intended to enrich our youth program members in particular, but are open to all attendees. This program will run concurrently with the Bioskills Workshops in the mornings of June 28th through the 30th from 8:00-11:00AM. For more information please visit our website at www.neareastspine.org.



Cadaver Workshops

A full Day cadaveric workshop on June 27th with eight cadaveric stations that will be run simultaneously throughout the day with rotations every 60-90 minutes.
June 28-30th the schedule for workshops is from 7:00-11:00AM.

Orthopedics

- Knee arthroscopic procedures: ACL, PCL, double bundle, BPB, Hamstring
- Shoulder Arthroscopic procedures: Rotator cuff repair, suture anchors, acromioplasty etc.
- Knee reconstruction: Uni and Total
- Trauma Periarticular fractures: fixation techniques
- Hip reconstruction: using three approaches, MIS and open
- Shoulder arthroplasties: total, hemi and reverse

Spine

- MIS decompressions: Cervical and Lumbar
- Pedicle screw placement: Thoracic, Lumbar. Minimally invasive and Open
- Cement injection: Kypho and Vertebroplasties
- TLIF, PLIF,
- Lateral approaches to the Thoracic and Lumbar spine: XLIF, DLIF, Lateral Cougar, GLIF
- Interspinous technologies and Posterior Dynamic fixation
- Cervical and Lumbar Disc replacement
- Surgical Approaches to the Cervical, Thoracic and Lumbar Spine

Pain and Rehabilitation Medicine

- Regional Blocks
- Transforaminal Epidural injections
- Musculoskeletal Ultrasound
- Facet ablation
- Percutaneous Facet fusion
- Spinal Cord Stimulators
- Intra-thecal Delivery device implant
- Lumbar medial branch block
- Lumbar Sympathetic Blocks
- Endoscopic decompression/discectomy
- Kyphoplasty, Vertebroplasties
- TMJ injections
- Ultrasound guided injections
- Sacro-Iliac Injections



Overview – Pre-Course Roundtables

DAY 1 - WEDNESDAY, JUNE 27th

Day 1, June 27th will feature non-accredited Pre-Course Roundtables Company sponsored sessions on one of the following listed topics. These topics are subject to change based on final assessment and sponsoring company's input and different featured technologies in accordance with the organizing committee's approval.

Spine Track: (two topics will be chosen, duration: 90 minutes each)

- Dynamic Fixation vs. Rigid Spinal (Fusion) vs. Disc Replacement for Degenerative Lumbar Spine
- Why lateral fusions?
- Deformity Correction Techniques Cantilever, Derotation, Distraction, Compression and How to do it
- Complications in Spine Surgery: How you can get in and out

Orthopedic Track: (two topics will be chosen, duration: 90 minutes each)

- Selection of Implant Materials – Metal Allergies, Infection, Wear Debris, Osteolysis and Loosening/Failure
- Shoulder: Rotator cuff repairs: Technology or surgical skills?
- Knee arthroplasty designs: Lessons learned: When do they make a difference?
- Updates and guidelines on the anti-coagulation and anti-thrombotic therapy
- Shoulder arthroplasties: pearls, tips and tricks and what is the next standard of care

Pain /Rehabilitation Track: (two topics will be chosen, duration: 90 minutes each)

- Spinal cord stimulators: Where is the evidence?
- Perioperative regional blocks: Where is the benefit?
- Cancer pain: Where are we in 2012?



DAY 2- THURSDAY, JUNE 28th

The morning of Day 2 will feature an opening general session for all attendees on the following topics:

Musculoskeletal Trauma: 11:00– 1:00PM

- Principles of management of multiple trauma
- Reducing secondary injuries
- DVT prophylaxis
- Infection & trauma

Company Sponsored Lunch lectures/workshops - Spine, Orthopedic and Pain/Rehabilitation: 1:00-2:00PM

Parallel tracks: Spine, Orthopedic and Pain/Rehabilitation tracks: 2:00 - 6:30 PM

Spine Track

Case Presentation/Debates:

Debate I:

Soft Disc Herniation:

- Discectomy is the Standard of Care
- Keep it Simple: Endoscopic Discectomy but what is the evidence?
- Steroid Injections is the Best MIS Option

Debate II:

Degenerative Disc Disease Lumbar spine:

- Interbody Fusion is Still the Gold Standard
- Keep It Simple: Percutaneous Facet Fusion to stabilize the spine
- Posterior Dynamic Stabilization is the Future
- Total Disc Replacement is the Best Proven Option

Debate III

Spondylolisthesis:

- Surgical Indications and Techniques
- To Reduce or Not to Reduce
- Anterior vs. Posterior Fusion

Complications:

- My worst case: How I got into it and out of it

Scientific Papers

Pain Track

- Evidence-Based Interventional Pain Medicine: Disc/Post-Laminectomy Syndrome Case
- Epidural Steroid Injections
- Facet Injections/Ablation
- Sacroiliac Injections/Ablation
- Intradiscal Therapeutic Interventions
- Spinal Cord Stimulation
- Intrathecal Pump Therapy
- Limitations of EBM Studies in Interventional Pain

Complications:

- My worst case: How I got into it and out of it

Scientific Papers

Ortho Track

Total Hip Replacement:

- Hip Center: Offset & Leg length discrepancy
- Metal On Metal: Updates
- What Is The Best Hip Design And Material
- Predictors Of Failure In Operative Treatment
- Understanding Bone Loss
- Periprosthetic Fractures: Pearls And Pitfalls
- Revision Of Well Fixed Stem: Pearls And Pitfalls
- Management Of Abductor Deficiency
- Femoral Hemiarthroplasty

Complications:

- My worst case: How I got into it and out of it

Scientific Papers

DAY 3 - FRIDAY, JUNE 29th

Day 3 will feature the Spine, Ortho and Pain/Rehabilitation tracks 11:00-6:30PM with companies sponsored lunch/lectures or workshops 1:00-2:00PM:

Spine Track

Scoliosis Research Society Presidential Address

- Case Discussion I:
 - Work Up Of Early Onset Scoliosis
 - Growing Systems for Management of Early Onset Scoliosis: VEPTER vs. Tandem Connectors vs. Tethering
 - Case Discussion II: Adolescent idiopathic Scoliosis
 - Rational For Determining The Distal Level
 - MIS Applications in AIS
- Case presentation II: Degenerative Scoliosis:
 - Focal Decompressions: Indications and Techniques?
 - Addressing the local pathology: can we fuse only the degenerated segment?
 - All posterior approach is the Standard of Care
 - Lateral is the Only Option

Cervical Spine

Case Discussion/Debate I:

- One Level HNP Postero-Lateral"
 - Posterior Foraminotomy And Discectomy
 - Anterior Cervical Discectomy Fusion
 - TDR
 - None Of The Above: Here Is How I Do It

Case Discussion/Debate II: Multilevel Disease, Mild cord compression, very mild Myelopathy.

- Observe: Should do nothing
- Role of prophylactic decompression
- Multiple ACDFs
- Posterior Decompression and/or Fusion
- Laminoplasty

Pain Medicine & Rehabilitation Medicine Track

- Case Discussion: Knee Replacement in young person
- Regional Anesthesia: Outcomes for UE Surgery
- Regional Anesthesia: Outcomes for LE Surgery
- Compartment Syndrome: Evaluation and Management
- Neuraxial Procedures & Anticoagulation: American Guidelines
- Neuraxial Procedures & Anticoagulation: European Guidelines

- Does Technology Improve Regional Anesthesia Outcomes?
- Where we've come from and where are we going?
- Post-Surgical Pain
- Regional Block Related Nerve Injury
- Orthopedic Surgery Related Nerve Injury
- Does Technology Mitigate Nerve Injury in Blocks?
- Causalgia: Diagnosis and Management
- Rehabilitation of the Nerve Injury/CRPS Patients
- Nerve Injury Litigation: Lessons Learned
- Best Practice Techniques: Time Tested Pearls

Orthopedic Track

Early Arthritis of the Knee:

- Indications and Techniques of Micro fracture, Drilling, and Abrasion Arthroplasty
- My Approach to OsteoChondritis Dissecans
- Partial Knee Replacement Medial &, Lateral
- Partial Knee Replacement Patellofemoral
- Is Osteotomy something from the past?
- Principles of Ligament Balancing

Advanced Osteoarthritis of the Knee:

- TKA with Cutting Blocks: Pearls & Pitfalls
- Cementless Fixation Technique in Total Knee Arthroplasty
- Cemented TKA –Optimizing Outcomes
- MIS in TKA – Outcomes
- Intra-op. Patella Subluxation
- Advances In Knee Arthroplasty: Can We Get Better Results?

Shoulder Rotator Cuff Pathologies:

- How I evaluate my Rotator cuff
- Miniopen repair: standard of care
- Arthroscopic repair is the new standard of care
- Acromioplasty: When and Why
- Management of large RCT

Complications:

- My Worst Case: How I got in and out of trouble

Scientific Papers in all tracks

DAY 4 - SATURDAY, JUNE 30th

Day 4 will feature the Spine, Ortho and Pain/Rehabilitation tracks 11:00-6:30PM with companies sponsored lunch/lectures or workshops 1:00-2:00PM:

NASS President's address

Thoracolumbar Fractures:

- Predictors of Failure In Non-Operative Treatment
- Stabilization & Fusion: Anterior vs. Posterior
- None of the Above: Percutaneous Internal Stabilization Without Fusion

Lumbar Spine: Non Fusion Technologies:

- Case Presentation
- Long Term Survivorship: TDR vs. Fusion
- Technical Pearls: Primary And Revision Strategy
- Dynamic Stabilization: Technology Overview & Indications
- Dynamic Stabilization: Long Term Clinical Results

Failed Back Surgery/ Case Discussion

- Work up of Failed Procedures
- Injections: Who, When & Where?
- Spinal Cord Stimulation/ Intra-Thecal Therapy
- Revision Surgery: When and Where?

Pain Track

- Neuropathic Pain Mechanisms
- Anticonvulsants
- Antidepressants
- Pain Mechanisms in Osteoarthritis
- NSAIDs
- Muscle Relaxants
- Cancer Pain Management
- Opioids
- Ketamine and NMDA Blockers

Orthopedic Track

Upper Extremity: Shoulder

- Does Classification matter?

- ORIF
- Hemiarthroplasty
- How I rehab my shoulders?
- Revision Surgery: Tips and Tricks

Upper Extremity: Elbow

- Elbow Dislocations: Not all alike.
- Radial Head/Neck Fractures
- Terrible Triad
- post traumatic elbow stiffness
- Total Elbow: when and how

The Day 4 Didactic lectures will close with a combined session for all three tracks featuring the following topics 5:00-6:30 pm.

Osteoporotic & Pathological Fractures

- Pedicle Screws Augmentation
- Vertebroplasty & Kyphoplasty
- Pathological fractures
- Where is the evidence based medicine?
- Scientific Paper

Overview of the Back to Basics Youth Program

Thursday

Spine

- Case Discussion
- Scoliosis: Work Up, Principles of Rx

Orthopedic

- Case Discussion
- Hips Pathologies
- Surgical and Non-Surgical Interventions
- Total Hip Arthroplasty: Small particles disease, femoral stem designs, Cement vs Cementless

Pain/Rehab Medicine

- Pain Pathways and Principles of Management

Friday

Spine

- Case Discussion
- Spinal Tumors
- Surgical and Non-Surgical Interventions

Orthopedic

- Case Discussion
- Knee Pathologies
- Surgical and Non-Surgical Interventions

Pain/ Rehab

- Acute Pain Management:
 - Pathways
 - Treatment options
 - Techniques

Saturday

Spine

- Case Discussion
- Cervical Spine Injuries
- Upper and Lower Cervical Spine

Orthopedic

- Case Discussion
- Humerus fractures, brachial plexus injuries, radial nerve injuries, muscle transfers
- Shoulder and Elbow Instability: evaluation, Rx options
- Elbow: anatomy, Instability stiffness, arthropathy, principles of Rx

Pain/ Rehab Medicine:

- Case Discussion
- Cancer Pain
 - Pathways
 - Treatment options

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