

### **SECTION 1: MI TECHNIQUES AND APPROACHES TO THE CERVICAL SPINE**

- 1 Thermodiscolasty (TDP) in cervical discopathy and rhizolysis
- 2 Transcorporeal foraminotomy for cervical spondylotic radiculopathy
- 3 Cervical endoscopic versus open foraminotomy for uncovertebral lateral stenosis
- 4 Endoscopic percutaneous assisted and open posterior cervical foraminotomy
- 5 Posterior foraminotomy versus anterior cervical disc replacement or fusion

### **SECTION 2: MI TECHNIQUES AND APPROACHES TO THE THORACIC SPINE**

- 6 Clinical evidence for thoracic discectomy under thoracoscopic guidance
- 7 Endoscopic transforaminal thoracic discectomy (ETTD)
- 8 Minimally invasive extracavitary versus open approach for thoracic disc herniation
- 9 Minimally invasive ventral decompression via oblique paraspinal approach

### **SECTION 3: MI TECHNIQUES AND APPROACHES TO THE LUMBAR SPINE**

- 10 Clinical outcomes with thermodiscolasty
- 11 Percutaneous endoscopic lumbar annuloplasty for treatment of discogenic low back pain
- 12 Lumbar rhizotomy versus fusion for axial facet pain syndromes
- 13 Patho-anatomic evidence for endoscopic lumbar discectomy
- 14 Endoscopic transforaminal, interlaminar and transiliacal approaches for lumbar disc herniation
- 15 Percutaneous endoscopic intra-annular subligamentous herniotomy
- 16 Interspinous microscopic tubular decompression for treatment of lumbar spinal stenosis
- 17 Interspinous process distraction systems for spinal stenosis with or without concomitant degenerative spondylolisthesis
- 18 Minimally invasive spine surgery for degenerative lumbar disorders
- 19 Clinical outcomes with endoscopically assisted and open posterior transforaminal lumbar interbody fusion
- 20 Interbody cage geometry, construct stability and alignment
- 21 Minimal dissection standalone ALIF in the elderly population

### **SECTION 4: COST EFFECTIVENESS AND ADVANCED TECHNOLOGIES**

- 22 Transforaminal endoscopic lumbar decompression and foraminoplasty for treatment of the degenerate lumbar spine
- 23 Advantages of outpatient ambulatory lumbar interbody fusion surgery
- 24 Advances in transforaminal lumbar interbody fusion
- 25 Physician extenders as part of an ambulatory spine surgery program
- 26 Difference in outcomes and patient satisfaction of spinal surgery for lumbar stenosis in minorities
- 27 Minimally invasive spine surgery for spinal neoplasms
- 28 Indication and benefit of lumbar spinal hardware removal
- 29 Percutaneous lumbar facet augmentation in the treatment of lumbar facet arthropathy
- 30 Trans-sacral epiduroscopic laser decompression
- 31 Single incision robotic assisted laparoscopic mini-ALIF via transumbilical retroperitoneal approach
- 32 Percutaneous cement discoplasty: minimally invasive treatment of severe disc degeneration in elderly