



**TURKISH NEUROSURGICAL SOCIETY**  
Section on Surgery of the Spine and Peripheral Nerves  
[www.spinetr.org](http://www.spinetr.org)



**Symposium on Spine and Spinal Cord Tumors**  
September 25 – 28, 2014, Cesme Sheraton Convention Center, Izmir, Turkey

**September 25 2014, Thursday**

12:00 Registration

14:00- 18:00 Premeeting Deformity Course Hall 1

14:00- 18:00 Spinal Surgery Training Course for Medical Company Employees Hall 2

19:00- 20:00 Welcome Cocktail





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**September 26 2014, Friday**

08:00 - 08:40 Opening ceremony

I. Session Abstract announcements of the year in spinal surgery

08:40 – 10:00 Chairmen: Alparslan Şenel, Erkan Kaptanoğlu  
(4min. presentation, 3min. discussion, 1min. voting)

08:40 - 08:48 PARS INTERARTICULARIS INJECTION DURING PREOPERATIVE  
EVALUATION FOR PATIENTS WITH SPONDYLODESIS  
Murat Sait Seçkin, Evren Yüvrük, Sinem Tuncer, Sait Naderi

08:48 - 08:56 EXPANDABLE PEDICLE SCREW WITH OUTER LAYER, DESIGNED FOR  
LOW BONE DENSITY  
Teyfik Demir, Onur Yaman, Mehmet Fatih Ormeci, Can Yaldiz, Adem Bursali,  
Mustafa Ozkaya

08:56 - 09:04 EFFECT OF METAMIZOL SODIUM ON NEURAL TUBE IN CHICKEN  
EMBRIO MODEL  
Yahya Guvenc, Deniz Billur, Sevim Aydin, Ersin Ozeren, Adnan Yalcin Demir,  
Osman Arıkan Nacar, Ali Dalgic, Deniz Belen

09:04 - 09:12 FACTORS AFFECTING ADJACENT VERTEBRA FRACTURE IN SHEEP  
VERTEBRA VERTEBROPLASTY MODEL MECHANICAL STUDY  
Hakan Korkmaz, Ozan Ganiusmen, Guven Citak, Ali Samancioglu, Enver Atik,  
Cuneyt Temiz, Tamay Simsek

09:12 - 09:20 THE MOST ECONOMICAL METHOD FOR DECREASING POST  
OPERATIVE LUMBAR SPINAL PAIN: APPLICATION OF COLD  
COMPRESSION  
Cem Atabey, Emre Zorlu, Huseyin Kurt, Selcuk Gocmen, Dilek Unsal, Cem Dinc,  
Mehmet Nusret Demircan

09:20 - 09:28 COMPARISON OF LUMBAR AND CERVICAL DISC DEGENERATIONS  
TGF-B1 GENE LEVELS WITH RT-PCR  
Seyho Cem Yucetas, Can Hakan Yildirim, Mithat Kaya, Cem Ozic, Yusuf Ehi,  
Aytac Akbasak



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- 09:28 - 09:36 A NEW TECHNIQUE IN THE SURGICAL TREATMENT OF HANGMAN'S FRACTURES: NEUROSPINAL ACADEMY (NSA) TECHNIQUE  
Sedat Dalbayrak, Onur Yaman, Mesut Yılmaz
- 09:36 - 09:44 A STUDY ON PROPHYLACTIC EFFICACIES OF DAPTOMYCIN AND VANCOMYCIN IN A RAT MODEL OF MRSA INFECTION SECONDARY TO SPINAL IMPLANTATION  
Öner Özer, Füsün Özer, Emrah Akçay, İbrahim Burak Atçı, Ümit Kocaman, Mehmet Ali Özinel, Ender Vardar, Nail Özdemir
- 09:44 - 09:52 5 STAGE PUMDAC+G ALGORITHM, LUMBAR MR AND SPINAL MOUSE MEASUREMENTS OF PATIENTS WITH LUMBAR DISCOPATHY: MONITORING OF 4000 PATIENTS FOR 550 DAYS, PREDICTIVE VALUE OF LONG TERM CLINICAL, RADIOLOGICAL, FUNCTIONAL AND SURGICAL RESULTS OF CONSERVATIVE APPROACH  
Huseyin Biceroglu, Derya Ozer Kaya, Hacı Kaymaz, Seyda Toprak Celenay, Anil Ozudogru, Gulay Girgin Biceroglu, Fatih Durna, Murat Hanci
- 09:52 – 10:00 EXAMINING SURGERY RESULTS IN EARLY PERIOD WITH TRANS SPINOUS SPLIT LAMINECTOMY (TSSLT) TECHNIQUE IN LUMBAR CANAL STENOSIS: EXPERIMENT WITH 25 CASES  
Erhan Emel, Melih Ucer, Betul Guler, Ali Ender Ofluoglu

10:00 -10:30 Coffee Break

### II. Session Vertebra and Spinal Cord Tumors

10:30 – 12:00 Chairman : Mehmet Zileli

Speakers: Atilla Akbay, Basar Atalay, Ayhan Attar, Gur Akansel, Serkan Simsek, Deniz Konya

- |               |  |               |
|---------------|--|---------------|
| 10.30 – 10.40 | Classification and epidemiology in vertebra and spinal column tumors | Atilla Akbay  |
| 10:40 – 10:50 | Molecular biology and genetics                                       | Basar Atalay  |
| 10:50 – 11:05 | Clinical presentation of vertebra and spinal cord tumors             | Ayhan Attar   |
| 11:05 – 11:20 | Imaging methods and definitive diagnosis in pathological fractures   | Gur Akansel   |
| 11:20 – 11:30 | Biopsy: indications and limits                                       | Serkan Simsek |
| 11:30 – 11:40 | Biomechanics and stability-instability in tumors                     | Deniz Konya   |
| 11:40 – 12:00 | Discussion   |               |



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### III. Session Conference

12:00 – 12:30 Chairman : Mehmet Zileli

speaker: Sait Naderi

12:00 – 12:20 Spinal column pressure, neurological deterioration, surgical timing and neurological return

Sait Naderi

12:20 – 12:30 Discussion

12:30 – 13:30 Lunch

13:00 – 13:30 Workshop



### IV. Session Metastatic vertebra tumörs

13:30 – 15:00 Chairman: Fahir Ozer

Speakers: Murat Cosar, Suleyman Cayli, Cumhur Kılincer, Erkan Kaptanoglu, Sedat Çağlı

13:30 – 13:45 Epidemiology, etiopathogenesis and pathological characteristics

Murat Cosar

13:45 - 14:00 Assessments and classificaitons: Clinical and radiological

Suleyman Cayli

14:00 – 14:15 Sugical indication: Expectations from surgery and rsiks

Cumhur Kılincer

14:15 – 14:30 Palliative surgery: When and how should we do it ?

Erkan Kaptanoglu

14:30 – 14:45 Radical surgery: Patient selection and our expectations

Sedat Çağlı

14:45 – 15:00 Discussion

### V. Session Conference

15:00 – 15:30 Chairman: Fahir Ozer

Speaker: Max Aebi

15:00 – 15:20 Metastatic certebra tumor in old patients

Max Aebi

15:20 – 15:30 Discussion



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15:30 – 16:00	Coffee break	
VI Session	Metastatic spinal tumors	
16:00 – 17:00	Chairman: Tuncer Suzer	
	Speakers: Kudret Tureyen, Tunc Oktenoglu, Tuncay Kaner, Olcay Eser	
16:00 - 16:15	Surgical results in metastatic spinal tumors and the final situation	Kudret Tureyen
16:15 - 17:00	Case based discussion	Tunc Oktenoglu
	Determining the approach, problems and complications	Tuncay Kaner
		Olcay Eser
VIIth Session	Legal issues	
17:00 – 18:00	Administrators: Murat Hanci, Erdal Kalkan	
18:00 – 19:00	SPSCG family meeting	
19:00 – 22:00	Dinner	

## September 27 2014, Saturday

08:00 - 09:30	Chairman: Kemal Koc	
	Speakers: Özkan Ateş, Gür Akansel, Cem Açıkbaş, Ali Arslantaş, Mehdi Sasani	
08:00 - 08:15	Classification and clinic in spinal cord tumors	Ozkan Ates
08:15- 08:30	Imaging in spinal cord tumors: Definitive diagnosis and its contribution to surgical planning	Gur Akansel
08:30 – 08:45	Surgical principles for intramedullary tumors	Cem Acikbas
08:45 – 09:00	Extramedullary tumors and their surgical characteristics	Ali Arslantas
09:00 - 09:15	Surgical results and the final situation	Mehdi Sasani
09:15 – 09:30	Discussion	



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IXth Session Conference

09:30 – 10:00 Chairman: Kemal Koc

Speaker:

09:30 – 09:50 Neuromonitoring in spinal tumor surgery

09:50 – 10:00 Discussion

10:00 – 10:30 Coffee Break

X Session Conference

10:30 – 12:00 Chairman: Sukru Caglar

Speakers: Madjid Samii, Cem Yilmaz, Feyza Karagoz Guzey

10:30 - 10:50 Surgical treatment for intra-extramedullary spinal tumors

Madjid Samii

10:50 – 11:10 “Video demonstration” case examples

Madjid Samii

11:10 – 11:30 Discussion

11:30 – 12:00 Case Based Discussion

Cem Yilmaz

Determining the approach, problems and complications

Feyza Karagoz Guzey

XI Session Conference

12:00 – 12:30 Chairman: Sukru Caglar

Speaker: Kayihan Engin

12:00 – 12:20 Modalities outside surgery & Radiosurgery in vertebra and spinal cord tumors

Kayihan Engin

12:20 – 12:30 Discussion

12:30 – 13:30 Lunch

13:00 – 13:30 Workshop

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XII. Oturum	Primary spinal tumors	
13:30 – 15:30	Chairman: Ali Arslantas  Speakers: Seref Dogan, Kadir Kotil, Alparslan Senel, Cuneyt Temiz, Ahmet Dagtekin, Varol Aydin, Hakan Somay, Ender Ofluoglu	
13:30 - 13:45	Classification of primary spinal tumors and clinical characteristics of malign spinal tumors, definitive diagnosis	Seref Dogan
13:45 - 14:00	Benign spinal tumors: Clinical characteristics, definitive diagnosis and prognostic factors	Kadir Kotil
14:00 – 14:15	When to perform surgery for benign spinal tumors ?	Alparslan Senel
14:15 – 14:30	What kind of path should I take for Malign spinal tumors?	Cuneyt Temiz
14:30 – 15:30	Case based discussion  Determining the approach, problems and complications	Ahmet Dagtekin Varol Aydin Hakan Somay Ender Ofluoglu
15:30 – 16:00	Coffee break	
XIII Session	Spinal tumor surgery techniques	
16:00 – 17:30	Chairman: Sait Naderi  Speakers: Kemal Koc, Fahir Ozer, Mehmet Zileli, Sedat Dalbayrak, Tahsin Erman, Bulent Tucer	
16:00 – 16:15	Vertebral arter deregulation and cervical tumor resection	Kemal Koc
16:15 – 16:30	En-bloc resection: Indications, expectations and results	Fahir Ozer
16:30 – 16:45	Total spondylectomy: Indication and technique	Mehmet Zileli
16:45 – 16:55	Minimal invasive surgical techniques and their limits	Sedat Dalbayrak
16:55 – 17:05	Stabilization and graft selection	Tahsin Erman
17:05 – 17:15	Pain management in spinal tumors	Bulent Tucer
17:15 – 17:30	Discussion	



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XIV Session	Conference of Masters	
17:30 – 19:00	Chairman: Serdar Kahraman	
	Speakers: Peter Varga, Ziya Gokaslan	
17:30 – 17:45	Primary Spinal Column Tumors - Decision Making	Peter Varga
17:45 – 18:00	Primary Spinal Column Tumor Surgery - Region Specific Challenges	Ziya Gökaslan
18:00 – 18:15	Surgical Resection of Sacral Tumors	Ziya Gökaslan
18:15 – 18:30	Surgical Treatment of Sacral Chordomas in the Elderly	Peter Varga
18:30 – 19:00	Discussion & Case discussion	
20:00 – 23:30	Gala dinner	

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**September 28 2014, Sunday**

XV Session	Evidence based data & Case analysis (Spinal tumors)	
08:00 – 09:30	Chairman: Erdal Coskun	
	Speakers: Ali Dalgic, Ozerk Okutan, Yurdal Seraslan, Nail Ozdemir, Soner Sahin, Fatih Keskin, Erol Oksuz, Ahmet Gurhan Gurcay	
08:00 – 08:10	Evidence: Treatment approach for primary spinal tumors	Ali Dalgic
08:10 - 08:20	Evidence: What should I do for metastatic spinal tumors?	Ozerk Okutan
08:20 – 09:30	Cases analyses	Suat Canbay Nail Ozdemir Soner Sahin Fatih Keskin Erol Oksuz Ahmet Gurhan Gurcay





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### XVIth Session Conference

09:30 – 10:00 Chairman: Erdal Coskun

Speaker: Peter Varga

09:30 – 09:50 Surgical strategy for recurrent tumors

Peter Varga

09:50 – 10:00 Discussion

10:00 – 10:15 Coffee break

### XVII Session Conference

10:15 – 10:35 Chairman: Sedat Dalbayrak

Speaker: Eren Erdem

10:15 – 10:30 Ablation in spinal tumor surgery

Eren Erdem

10:30 – 10:35 Discussion

### XVIII Session Evidence based data & Case analysis (Spinal cord tumors)

10:35 – 12:30 Chairman: Sedat Dalbayrak

Speakers: Murat Kalayci, Zuhtu Ozbek, Nuri Eralp Cetinalp, Ferhat Harman, Cem Atabey, Ozgur Ismailoglu, Aslan Guzel, Hakan Emmez

10:35 – 10:50 Evidence: Treatment approach for spinal cord tumors and relapse

Murat Kalayci

10:50 – 12:00 Case Analysis

Zuhtu Ozbek

Nuri Eralp Cetinalp

Ferhat Harman

Cem Atabey

Ozgur Ismailoglu

Aslan Guzel

12:00 – 12:15 What I need to keep in my mind related to spinal cord tumors?

Hakan Emmez

12:15 – 12:30 Closing