

Course program

AOSpine Advances Seminar in Lumbar Degenerative Disc Disease

July 28, 2012 Kaohsiung, Taiwan



AOSpine Mission

AOSpine - the leading global academic community for innovative education and research in spine care, inspiring lifelong learning and improving patients' lives.

Dear AOSpine Course Participant

My warmest welcome to all the participants of this AOSpine Advance Seminar in Lumbar Degenerative Disc Disease!

I would like to thank the AOSpine Asia Pacific for the greatest support and help to make the meeting possible. I would also like to give my gratitude to Dr. Richard Emery, the educational advisor, for his help in implementing the AOSpine curriculum in education to this seminar.

Our faculty is comprised of the most outstanding and experienced spine surgeons from Taiwan and Australia, who are willing to contribute their time and expertise to this important educational activity. All the topics have been carefully chosen to cover the main theme of this seminar. Active interactions between the audience and speakers are strongly encouraged. I truly hope that you will learn as much as possible not only through the lectures, but also through discussions with the faculty and other participants.

It may well be a hard, hot summer day, but I assure that it will also be an enjoyable and fruitful tour de force. So, enjoy the meeting, and enjoy the E-Da World!

Sincerely yours,

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Kang Lu
Course Chairperson

Goal of the course

This advanced course will provide a platform to the participant surgeons to enhance their knowledge, experience and also refine their skills in the treatment of lumbar degeneration disc disease.

Target participants

Neurosurgeons and orthopedic surgeons interested in or actively involved in spine surgery

Learning objectives

- To understand the pathophysiology of lumbar disc degeneration
- To get a basic knowledge of clinical presentations of lumbar disc degeneration
- To have an overview surgical treatment modalities
- To discuss about the pros and cons of different therapies
- To learn pitfalls and complications of different treatment modalities

Course chairperson



Kang Lu

E-Da Hospital, I-Shou University,
Kaohsiung, Taiwan

Educational advisor



Richard Emery

Mater Hospital,
Belgian Gardens, Australia

Faculty national

| | |
|------------------|--|
| Chin Ju Chang | Cathay General Hospital, Taipei |
| Wu Fu Chen | Kaohsiung CGMH, Kaohsiung |
| Lih-Huei Chen | Chang Gung Memorial Hospital, Kweishan ,Taoyuan |
| Wen-Jer Chen | Chang Gung Memorial Hospital, Kweishan, Taoyuan |
| Yen-Jen Chen | China Medical University Hospital, Taichung |
| Tzu Yung Chen | Taichung Tzu Chi Hospital, Taichung |
| Henrich Cheng | Taipei Veterans General Hospital, Taipei |
| Chun Yuan Cheng | Changhua Christian Hospital, Chenghua |
| Tsai-Sheng Fu | Chang Gung Memorial Hospital Lin Kou Branch, Kweishan,Taoyuan |
| Shu Shong Hsu | Kaohsiung VGH, Kaohsiung |
| Kuo-Yuan Huang | National Cheng Kung University Hospital, Tainan |
| Ming Chiao Huang | Taipei Veterans General Hospital, Taipei |
| Jing Shan Huang | Cathay General Hospital, Taipei |
| Shu Ling Huang | Kaohsiung Medical University Chung-Ho Memorial Hospital, Kaohsiung |
| Wen-Cheng Huang | Taipei Veterans General Hospital, Taipei |
| Cheng-Hsing Kao | Chi-Mei Foundation Hospital, Tainan |
| Dar Ming Lai | National Taiwan University Hospital, Taipei |
| Po Liang Lai | Chang-Gung Memorial Hospital, Taipei |
| Cheng-Hung Lee | Taichung Veterans General Hospital, Taichung |
| E Jian Lee | National Cheng Kung University Hospital, Tainan |
| Po Chou Liliang | E-DA Hospital, Kaohsiung |
| Ruey-Mo Lin | National Cheng Kung University Medical Center, Taipei |
| Tien-Jen Lin | Wan Fang Hospital, Taipei |
| Su Hao Liu | Kaohsiung VGH, Kaohsiung |
| Chi-Chien Niu | Chang Gung Memorial Hospital Linkou Medical Center, Kweishan,Taoyuan |
| Cheng Shyuan Rau | Kaohsiung CGMH, Kaohsiung |
| Chiung Chyi Shen | Taichung Veterans General Hospital, Taichung |
| Wun-Jer Shen | Po-Cheng Orthopedic Institute, Kaohsiung |
| Hsi-Kai Tsou | Taichung Veterans General Hospital, Taichung |
| Yuan-Kun Tu | E-Da Hospital, Kaohsiung |
| Jau Ching Wu | Taipei Veterans General Hospital, Taipei |
| Shih-Chieh Yang | E-Da Hospital, Kao-Hsiung, Kaohsiung |

Day 1, July 28, 2012

| TIME | AGENDA | WHO |
|----------------------|---|--|
| 07:30 - 08:00 | Registration | |
| 08:00 - 08:15 | Welcome address | Kang Lu, Yuan-Kun Tu |
| 08:15 - 08:30 | AOSpine principles and learning objectives | Richard Emery |
| 08:30 - 09:45 | Overview and fusion | Wu-Fu Chen, Jing Shan Huang |
| 08:30 - 08:42 | Pathobiology of lumbar DDD | Cheng Shyuan Rau |
| 08:42 - 08:54 | Surgical options and decision making on treatment for lumbar DDD | Jau Ching Wu |
| 08:54 - 09:06 | Evidence-based review of fusion and non-fusion techniques for lumbar DDD | Su Hao Liu |
| 09:06 - 09:18 | Decompression alone for degenerative lumbar disorders | Dar Ming Lai |
| 09:18 - 09:30 | Failed back syndrome and strategies | Yen-Jen Chen |
| 09:30 - 09:45 | Discussion | |
| 09:45 - 10:00 | Coffee Break | |
| 10:00 - 11:10 | Degenerative spondylolisthesis & kyphoscoliosis | Shu Shong Hsu, Ruey-Mo Lin |
| 10:00 - 10:12 | Surgical strategies for degenerative lumbar kyphoscoliosis | Wun-Jer Shen |
| 10:12 - 10:24 | Proper indications of intervertebral cage in lumbosacral spine | Chi-Chien Niu |
| 10:24 - 10:36 | Spondylolytic spondylolisthesis | Ming Chiao Huang |
| 10:36 - 10:48 | Adjacent segment degeneration: avoidance and surgical strategies | Wen-Jer Chen |
| 10:48 - 11:10 | Discussion | |
| 11:10 - 12:15 | Spine surgery and aging | Lih-Huei Chen, Wun-Jer Shen |
| 11:10 - 11:22 | Co-morbidity associated with aging in lumbar surgery | Chin Ju Chang |
| 11:22 - 11:34 | Osteoporosis and lumbar spine surgery | Tzu Yung Chen |
| 11:34 - 11:46 | Surgical strategies to improve implant purchase and bone fusion | Po Liang Lai |
| 11:46 - 11:58 | Image- and navigator-guided lumbar surgery | Tsai-Sheng Fu |
| 11:58 - 12:15 | Discussion | |
| 12:15 - 13:40 | Group photo and lunch | |
| 13:40 - 14:40 | Anterior approach surgery | Wen-Jer Chen, Henrich Cheng |
| 13:40 - 13:52 | Anterior approach in lumbar spine: indications, technical pearls and pitfalls | Richard Emery |
| 13:52 - 14:04 | ALIF for lumbar degeneration | Cheng-Hung Lee |
| 14:04 - 14:16 | Lumbar disc arthroplasty | Cheng-Hsing Kao |
| 14:16 - 14:28 | Complications and salvage in anterior lumbar surgery | Richard Emery |
| 14:28 - 14:40 | Discussion | |
| 14:40 - 15:45 | Minimally invasive spine surgery | Cheng-Hsing Kao, E Jian Lee |
| 14:40 - 14:52 | Intradiscal therapy for disc degeneration | Tien-Jen Lin |
| 14:52 - 15:04 | Transforaminal percutaneous endoscopic lumbar discectomy | Hsi-Kai Tsou |
| 15:04 - 15:16 | MIS TLIF | Wen-Cheng Huang |
| 15:16 - 15:30 | MIS for multi-level degenerative lumbar disease | Chiung Chyi Shen |
| 15:30 - 15:45 | Discussion | |
| 15:45 - 16:00 | Coffee break | |

Day 1, July 28, 2012 (Con'd)

| TIME | AGENDA | WHO |
|----------------------|--|--|
| 16:00 - 17:00 | Dynamic strategies | Tzu Yung Chen, Chiung Chyi Shen |
| 16:00 - 16:12 | Endoscopic discectomy of L5-S1 disc herniation via an interlaminar approach: prospective controlled study under local and general anesthesia | Hsi-Kai Tsou |
| 16:12 - 16:24 | Dynamic lumbar stabilization: pedicle screw based systems | Shu Ling Huang |
| 16:24 - 16:36 | Dynamic lumbar stabilization: interspinous implants vs. pedicle screw based implants | Henrich Cheng |
| 16:36 - 16:48 | Hybrid surgery | Kang Lu |
| 16:48 - 17:00 | Discussion | |
| 17:00 - 18:10 | Complications and salvage | Chun Yuan Cheng, Shu Ling Huang |
| 17:00 - 17:12 | Revision strategies for complications and failure of vertebroplasties | Shih-Chieh Yang |
| 17:12 - 17:24 | Post-fusion sacroiliac joint dysfunction: diagnosis and treatment | Po Chou Liliang |
| 17:24 - 17:36 | To evaluate the etiology of failed back syndrome in L4-5 spinal fusion with myelographic CT | Kuo-Yuan Huang |
| 17:36 - 17:48 | Discussion | |
| 17:48 - 18:10 | Closing and feedback | Kang Lu |
| 18:30 - 20:30 | Dinner | |

Course organization

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Project Manager
AOSpine Asia Pacific

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Course logistics

Philip Lin
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Course venue

Crowne Plaza Kaohsiung E-Da World

No.153, Section 1, Xuecheng Raod Dashu District
Kaohsiung, 840 Taiwan

Phone +886-7-6568111
URL <http://www.cp-edaworld.com/>



Course information

Course fee

| | |
|--------------------|----------|
| AOSpine Member | NTD 500 |
| AOSpine Non-Member | NTD 1000 |

Course fee includes

Course materials, coffee breaks, lunches, course dinner and course certificate.

Online registration

<https://aospine2.aofoundation.org/eventdetails.aspx?id=1684>

Course certificate

Please collect your certificate at the AOSpine information desk at the end of the course.

No insurance

The course organisation does not take out insurance to cover participants against cancellation of course, accidents, or other risks.

Security

Access permitted with name tag only.

Dress code

Casual.

Course language

English.

Mobile phone use

Mobile phone use is not allowed in the lecture hall. Please be considerate of others by turning your mobile phone to off.

Intellectual property

Course materials, presentations, and case studies are the intellectual property of the course faculty. Recording, photographing, or copying of lectures, or any course materials is absolutely forbidden.

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AOSpine Associate

AOSpine will add participants as our AOSpine Associate by default if the participants are not yet AOSpine Member. Participants will receive AOSpine e-Newsletter on quarterly basis.



AOSpine Asia Pacific Interactives Courses

September 20 - 22, 2012

Kuala Lumpur Convention Center, Kuala Lumpur, Malaysia

Principles level

- AOSpine Principles Course in Assessment and Management of Spinal Trauma and Degenerative Disease of the Spine

Advances level

- AOSpine Advances Course in Cranio-Cervical Junction and Intradural Pathology
- AOSpine Advances Course in Lumbar Degenerative Disc Disease
- AOSpine Advances Course in Adult Adolescent Scoliosis
- AOSpine Advances Course in Thoraco-Lumbar and Sacral Trauma
- AOSpine Advances Course in Cervical Degeneration
- AOSpine Advances Course in Lumbar Degenerative Deformity and the Aging Spine
- AOSpine Advances Course in Congenital and Early Onset Deformity
- AOSpine Advances Course in Cervical and Cervico-Thoracic Junction
- AOSpine Advances Cadaver Workshop

Masters level

- AOSpine Masters Symposium

Course fee

| | |
|---|---------|
| Principles Course | CHF 600 |
| Advances Course | CHF 600 |
| Cadaver Course | CHF 500 |
| Master Symposium | CHF 500 |
| 10% discount for AOSpine Member | |
| 10% early bird discount before 30 June 2012 | |

Contact

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Registration

www.aosapkl2012.org





REGISTRATION FORM

| | | | | |
|--|----------|---|---------|-----|
| Please check ONE only | Date | Code | Course | Fee |
| <input type="checkbox"/> 9/20 | M1 | AOSpine Masters Symposium | CHF 500 | |
| FULL <input type="checkbox"/> 9/20 | C1 | AOSpine Advances Cadaver Workshop | CHF 500 | |
| <input type="checkbox"/> 9/20-21 | P1-A & B | AOSpine Principles Course | CHF 600 | |
| Please check ONE only | Date | Code | Course | Fee |
| <input type="checkbox"/> 9/21 | A1 | Cranio-cervical Junction & Intradural Pathology | CHF 600 | |
| <input type="checkbox"/> 9/21 | A2 | Lumbar Degenerative Disc Disease | CHF 600 | |
| <input type="checkbox"/> 9/21 | A3 | Scoliosis | CHF 600 | |
| <input type="checkbox"/> 9/21 | A4 | Thoraco-lumbar and Sacral Trauma | CHF 600 | |
| Please check ONE only | Date | Code | Course | Fee |
| <input type="checkbox"/> 9/22 | A5 | Cervical Degeneration | CHF 600 | |
| <input type="checkbox"/> 9/22 | A6 | Lumbar Degenerative Deformity and the Aging Spine | CHF 600 | |
| <input type="checkbox"/> 9/22 | A7 | Kyphosis and Spondylolisthesis | CHF 600 | |
| <input type="checkbox"/> 9/22 | A8 | Cervical and Cervico-thoracic Junction | CHF 600 | |
| First Name: | | Last Name: | | |
| Date of Birth: | | Nationality: | | |
| Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female | | AOSpine Member <input type="checkbox"/> No <input type="checkbox"/> Yes ID number: | | |
| Institution / Dept: | | | | |
| Position: | | | | |
| Specialty: <input type="checkbox"/> Spine Surgeon <input type="checkbox"/> Neurosurgeon <input type="checkbox"/> Orthopedic Surgeon <input type="checkbox"/> Other | | | | |
| Address: | | | | |
| Country: | | Postal Code: | | |
| Telephone: | | Mobile: | | |
| Fax: | | Email: | | |
| CREDIT CARD PAYMENT AUTHORIZATION | | | | |
| Card Type: <input type="checkbox"/> Visa <input type="checkbox"/> Mastercard <input type="checkbox"/> American Express | | | | |
| Card No: | | Expiry Date: | | |
| CVV Code: | | Signature: | | |

Please return this completed form to: Cherry Ngai
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