

CUHK-OLC Surgeon Education Program
The 18th Spine Workshop
October 13-14, 2012

Day 1 - October 13, 2012
Deformity

Objectives

- i. Principles of sagittal balance*
- ii. Principles of balancing in scoliosis surgery*
- iii. Pedicle screws and iliac screws insertion techniques*
- iv. Osteotomies and VCR techniques*

| TIME | TOPICS | FACULTY | LOCATION |
|--|---|--|----------------------|
| 08:30 - 09:00 | Registration | | Reception |
| 09:00 - 09:05 | Welcome Speech 1 | MK Kwan | Seminar Room |
| 09:05 - 09:10 | Welcome Speech 2 | KO Kwok | Seminar Room |
| 09:10 - 09:30 | Recent Advances in Minimally Invasive Spine Surgery | N Hansen-Algenstaedt | Seminar Room |
| 09:30 - 09:50 | The use of MISS in the Treatment of Spinal Metastases | N Hansen-Algenstaedt | Seminar Room |
| 09:50 - 10:10 | Selective Thoracic Fusion: How do I select the levels? | JX Shen | Seminar Room |
| 10:10 - 10:30 | Neck Tilt. How to Prevent this Phenomenon in Adolescent Idiopathic Scoliosis treated with Posterior Spinal Fusion? | MK Kwan | Seminar Room |
| 10:30 - 10:45 | Discussion, Q & A | All | Seminar Room |
| 10:45 - 11:00 | Tea Break | | Lobby |
| 11:00 - 11:20 | Degenerative Scoliosis – Recent Advances and the Benefit of using MISS | N Hansen-Algenstaedt | Seminar Room |
| 11:20 - 11:40 | Severe and Rigid Scoliosis. How to Manage? | JX Shen | Seminar Room |
| 11:40 - 12:00 | Surgical Management of Congenital Scoliosis with Split Cord Malformation | JX Shen | Seminar Room |
| 12:00 - 12:15 | Discussion, Q & A | All | Seminar Room |
| 12:15 - 13:30 | Lunch | | Lobby |
| Anatomical Specimens Workshop - Thoracolumbar Deformity | | | |
| 13:30 - 17:00 | Demonstration followed by participants' hands-on practice I) Percutaneous Pedicle Screw - Long Construct II) Thoracic and Lumbar Pedicle Screw Insertion III) Sacral and Iliac Screw Insertion IV) Smith - Peterson Osteotomy V) Pedicle Subtraction Osteotomy and Vertebra Column Resection | N Hansen-Algenstaedt RJ Oskouian RJ Oskouian JX Shen JX Shen | Laboratory |
| 17:00 - 17:30 | Discussion, Q & A | All | Laboratory |
| 19:00 | Course Dinner | All | Regal Riverside Hote |

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Day 2 - October 14, 2012
Minimally Invasive Surgery

Objectives

- i. MIS decompression technique*
- ii. MIS-TLIF technique*
- iii. Percutaneous pedicle screw instrumentation – long construct*

| TIME | TOPICS | FACULTY | LOCATION |
|--|---|--|--------------|
| 07:45 - 08:00 | Registration | | Reception |
| 08:00 - 08:20 | Controversy in the Management of Spondylolisthesis. | KO Kwok | Seminar Room |
| 08:20 - 08:40 | Ankylosis Spondylitis. How to achieve a Good Sagittal Balance? | KO Kwok | Seminar Room |
| 08:40 - 09:00 | Lateral Approaches for Deformity- Lengthening the Spine versus Shortening | RJ Oskouian | Seminar Room |
| 09:00 - 09:20 | Clinical Indications and Safety for Percutaneous Pedicle Screw for Thoracic and Lumbar Spine | MK Kwan | Seminar Room |
| 09:20 - 09:35 | Discussion, Q & A Souvenir Presentation to Speakers | All | Seminar Room |
| 09:35 - 09:50 | Group Photo Taking and Tea Break | | Lobby |
| 09:50 - 10:10 | Complication Avoidance in Lateral Surgery | RJ Oskouian | Seminar Room |
| 10:10 - 10:30 | Minimally Invasive Lumbar Decompression Techniques for Stenosis | WK Hsu | Seminar Room |
| 10:30 - 10:50 | Pitfalls and Complications for Percutaneous Pedicle Screw - Long Construct | MK Kwan | Seminar Room |
| 10:50 - 11:10 | Future of Oteobiologics use in Spine Surgery | WK Hsu | Seminar Room |
| 11:10 - 11:30 | Discussion, Q & A | All | Seminar Room |
| 11:30 - 12:30 | Lunch | | Lobby |
| Anatomical Specimens Workshop - MIS | | | |
| 12:30 - 16:30 | Demonstration followed by participants' hands-on practice Station 1: Percutaneous Pedicle Screw - Long Construct Station 2: MIS - TLIF Station 3: MIS - TLIF | MK Kwan RJ Oskouian Wellington K Hsu | Laboratory |
| 16:30-17:00 | Evaluation & Closing Remark | MK Kwan | Seminar Room |