

MISSCOT Annual Conference and Cadaveric Course 2017

‘Overcoming the Learning Curve in MIS Lumbar Spine Surgery’

17th - 19th March 2017

Venue: Novotel Siam Square and Faculty of Science, Mahidol University

Course Directors:

Areesak Chotivichit
Verapan Kuansongtham
Wattana Mahattanakul

Dear Friends and Colleagues,

It is our great pleasure and honour to invite you to the 2nd annual MISSCOT conference on 17th-19th March 2017, at the Novotel Siam Square, Bangkok, Thailand.

This conference is organized by MISSCOT and in collaboration with AOSpine. The MISSCOT and AOSpine inter-EA meetings will be held on 17th and 18th March 2017, respectively. On the last day (19th March 2017), there will be a hands-on workshop on minimally invasive spine surgery, including endoscopic procedures and various MIS lumbar fusion and non-fusion surgery, at the Faculty of Science, Mahidol University, Bangkok.

The theme of the MISSCOT conference 2017, 'Overcoming the learning curve in MIS lumbar spine surgery', focuses on the fundamentals of MIS techniques relating to the lumbar spine, surgical nuances and potential pitfalls. We also have put an emphasis on case-based discussions by expert panelists on common and complex cases, including tips and tricks sessions, ideal for surgeons embarking on MIS spine procedures.

This conference aims to bring together spine specialists and interventionists to share a common interest in minimally invasive spine surgery. Our programme will provide a platform for interactive discussions, broadening of knowledge, sharing of experience with regional and international experts, and discover novel ideas and concepts on minimally invasive spine surgery. Apart from academic events, there will be ample opportunities for networking with spine colleagues and experts over socializing events. We look forward to your participation and welcoming you in Bangkok.

Dr. Areesak Chotivichit
President of MISSCOT
Orthopaedic Surgery
Siriraj Hospital
Mahidol University

Dr. Verapan Kuansongtham
Course Director
Director of Spine Institute
Bumrungrad Hospital

Dr. Wattana Mahattanakul
Course co-director
Ramathibodi Hospital
Mahidol University

March 17, 2017 MISSCOT 2nd Annual Meeting

Venue: Novotel Siam Square

TIME	AGENDA	SPEAKER
08:00 - 08:15	Registration	
08:15 - 08:30	Opening ceremony and Welcome speech	Dr. Areesak
08:30 - 10:00	MIS Microscopic and tubular lumbar spine surgery	Dr. Atthaporn/ Dr. Ittipol
	MIS microlumbar surgery (non-tubular): How I do it? Surgical techniques and common pitfalls	Dr. Areesak
	MIS tubular surgery: How I do it? Surgical techniques and common pitfalls	Dr. Torpong
	Pannel Discussion	Dr. Areesak/ Dr. Wattana/ Dr. Thanet
	Case 1: Single-level lumbar spondylosis	Dr. Roongrath
	Case 2: Multi-level lumbar spondylosis	Dr. Phat
	Case 3: Foraminal and extraforaminal stenosis/disc prolapse	Dr. Chaiyuth
	Tips and Tricks	
10:00 - 10:30	Coffee Break	
10:30 - 12:00	Endoscopic	Dr. Thanet/ Dr. Withawin
	Endoscopic lumbar surgery: interlaminar vs transforaminal approaches	Dr. Komp
	Comparative clinical results of PELD via transforaminal and interlaminar approaches at Chaiyaphum Hospital	Dr. Narongsak
	Panel Discussion	Dr. Komp/ Dr. Verapan/ Dr. Gun
	Case 1: Large herniated disc with cauda equina syndrome	Dr. Gun
	Case 2: Foraminal Stenosis	Dr. Kriangsak
	Tips and Tricks	
12:00 - 12:30	Pre-lunch symposium: Baxter-'Flowable hemostat in spinal surgery'	Dr. Gun
12:30 - 12:40	Group Photo	
12:40 - 13:30	Buffet Lunch	

13:30 - 15:00	MIS Lumbar fusion: TLIF vs XLIF vs OLIF	Dr. Rattalerk/ Dr. Tewajetsada
	MIS Transforaminal lumbar interbody fusion: Surgical techniques and common pitfalls	Dr. Worawat
	Extreme lateral lumbar interbody fusion (XLIF): Surgical techniques and common pitfalls	Dr. Wicharn
	Oblique lumbar inter body fusion (OLIF): Surgical techniques and common pitfalls	Dr. Monchai
	Panel Discussion	Dr. Warat/ Dr. Wicharn/ Dr. Verapan
	Case 1: Grade 2 Spondylolisthesis. Is MISS possible?	Dr. Weerasak
	Case 2: Degenerative lumbar scoliosis	Dr. Varisa/Dr. Teera
	Tips and Tricks	
15:00 - 15:30	Prebreak symposium: Cellumed - 'Proportional osteoinduction of DBM graft materials and second generation BMP2 composite trend for OLIF and TLIF'	E. Valencia
15:30 - 16:00	Break for Coffee	
16:00 - 17:30	Miscellaneous: Percutaneous screw placement/O-arm Navigation/ Robotic assisted spine surgery	Dr. Kriangsak/ Dr. Kritsanaphan
	Setting up O-arm Navigation in the OR	Dr. Withawin
	MISS Percutaneous surgery in TL fracture under O-arm Navigation	Dr. Thanet
	OLIF under O-arm Navigation	Dr. Wattana
	Tips and tricks for lumbar radiofrequency procedures	Dr. Nuj
	Kyphoplasty with Spine Jack	Dr. Jadik
	Tumor ablation with DFINE radiofrequency	Dr. Jadik
	Barricade: A prospective randomized multicenter study	Dr. Jadik
	How to do MIS TLIF in the complicated cases	Dr. Teera
	Robotic surgery for lumbar spine	Dr. Sorayouth
17:30 - 18:00	Summary and end of Day 1 Course Evaluation and Feedback	Dr. Withawin/ Dr. Khin
19:00 - 22:00	Members and Faculty Dinner	Venue: TBA

March 18, 2017 AOSpine Advanced Symposium (Inter-EA)

Venue: Novotel Siam Square

TIME	AGENDA	SPEAKER
08:30 - 08:40	Registration	
08:40 - 10:20	Session 1 - MIS Lumbar spinal decompression	
08:40 - 09:00	Introduction of AOSpine	Kin Cheung Mak
09:00 - 09:20	Complication related to MIS	Nang Man Raymond Wong
09:20 - 09:40	MIS for spinal trauma: principles and review	Lim Beng Saw
09:40 - 10:00	MIS for spinal trauma 2: case discussion	Gabriel Liu
10:00 - 10:20	MIS for spinal tumor or spinal metastasis	Koon Man Sieh
10:20 - 10:50	Coffee Break	
10:50 - 12:10	Session 2 - MIS spinal fusion and fixation	
10:50 - 11:10	MIS cervical spinal fixation and fusion	Jose Manuel Ignacio
11:10 - 11:30	MIS TLIF	Gabriel Liu
11:30 - 11:50	MIS anterior lumbar spine fusion: options, risks and technical pearls	Wattana Mahattanakul
11:50 - 12:10	Discussion on morning session topics	Ying Kei Chan
12:10 - 13:05	Lunch	
13:05 - 13:15	AOSpine Fellowship Experience Sharing	Withawin Kesornsak
13:15 - 14:25	Session 3 - New MIS spinal fixation and stabilization method	
13:15 - 13:35	Cortical screws fixation	Warat Tassanawipas
13:35 - 13:55	Critical review of motion preservation options and dynamic fixation	Yen-Jen Chen
13:55 - 14:25	MIS spinal fixation vs. motion preservation option: Case discussion	Kin Cheung Mak
14:25 - 14:55	Coffee Break	
14:55 - 17:00	Session 4 - MIS in complicated situation	
14:55 - 15:15	MED	Lim Beng Saw
15:15 - 15:35	PELD Interlaminar approach	Rafael Bundoc
15:35 - 15:55	Unilateral approach bilateral decompression	Chung Chek Wong
15:55 - 16:15	PELD transforaminal approach	Ying Kei Chan
16:15 - 16:35	Basic principles and set up for PELD	Azharuddin Azharuddin
16:35 - 16:55	Discussion on afternoon session topics	Ying Kei Chan
16:55 - 17:00	Closing remarks	Wattana Mahattanakul Kin Cheung Mak

March 19, 2017 MISSCOT Cadaveric Workshop

Venue: Faculty of Science, Mahidol University

08:30 - 08:50	Registration
08:50 - 09:00	Welcome speech
09:00 - 12:00	Table 1 Endoscopic surgery - Transforaminal approach
	Table 2 Endoscopic surgery - Transforaminal approach
	Table 3 Microscopic surgery - Tubular microdiscectomy - Tubular microdecompression
	Table 4 Asculap - Percutaneous screw insertion - Microscopic TLIF
	Table 5 Globus - Percutaneous screw insertion - Microscopic TLIF
	Table 6 Orthopesia - Percutaneous screw insertion - Microscopic TLIF
12:00 -13:00	Lunch
13:00 - 16:00	Table 1 Endoscopic surgery - Interlaminar approach
	Table 2 Endoscopic surgery - Interlaminar approach
	Table 3 Microscopic surgery - Over the top' Decompression - Contralateral Decompression via unilateral Tubular approach
	Table 4 Asculap - Percutaneous screw insertion - Microscopic TLIF
	Table 5 Globus - Percutaneous screw insertion - Microscopic TLIF
	Table 6 Orthopesia - Percutaneous screw insertion - Microscopic TLIF
16:00	Day Summary and Feedback
Table Instructors:	Dr. Areesak/ Dr. Wicharn/ Dr. Verapan/ Dr. Narongsak/ Dr. Ake/ Dr. Wattana/ Dr. Thanet/ Dr. Kringsak/ Dr. Torpong/ Dr. Withawin/ Dr. Ittipol/ Dr. Monchai/ Dr. Tewajetsada