



MISSCOT Annual Conference and  
Cadaveric Course 2018



## 3<sup>rd</sup> MISSCOT meeting 'Implementation of various MISS techniques'

**16<sup>th</sup> -17<sup>th</sup> June 2018**

Venue: Novotel Siam Square and  
Faculty of Medicine Siriraj Hospital,  
Mahidol University

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**Course Directors:**

Areesak Chotivichit

Verapan Kuansongtham

Wattana Mahattanakul

## Dear Friends and Colleagues,

It is our great pleasure and honour to invite you to the 3rd annual MISSCOT conference on 16<sup>th</sup>-17<sup>th</sup> June 2018, at the Novotel Siam Square, Bangkok, Thailand.

This conference is organized by MISSCOT in collaboration with AOSpine and will be held on 16<sup>th</sup> June 2018. On 17<sup>th</sup> June 2018, 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 Siriraj hospital, Mahidol University, Bangkok.

We live in interesting times, 'the era of minimally invasive spine surgery'. In the past decade, there has been many changes in the way we treat spinal patients. New technologies and MISS innovations are constantly being developed and placed into practice with expanding indications, specific advantages and pitfalls for different spinal pathologies. The theme of the MISSCOT conference this year, 'Implementation of various MISS technique' focuses on the various new MISS techniques together with MISS surgical adjuncts and new technologies, such as robotic spine surgery, spine navigation and their potential pitfalls. We also have added relevant case discussions with expert panelists from the region, ideal for surgeons considering to adopt new MISS procedures.

This conference aims to bring together spine specialists 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 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*

Saturday, 16<sup>th</sup> June 2018

## 3<sup>rd</sup> MISSCOT meeting 'Implementation of various MISS techniques

Venus: Novotel Siam Square

TIME	AGENDA	Time	SPEAKER
08:00	08:25	Registration	25
08:25	08:30	Opening Ceremony and welcome speech	5 Dr. Areesak
08:30	10:00	<b>Non-fusion spine surgery session</b>	<b>Dr. Yodruk/Dr. Peera</b>
		Microsurgery for degenerative lumbar conditions	10 Dr. Tewajesada (Pinklao)
		Endoscopic interlaminar approach for lumbar disc disorders	10 Dr. Pritsanai (Lerdsin)
		Endoscopic transforaminal approach for lumbar disc disorders under LA	10 Dr. Gun (Ramathibodi)
		Endoscopic spine surgery for lumbar stenosis	10 Dr. Narongsak (Chaiyaphum)
09:00	09:40	<b>Case discussion: Non-fusion lumbar surgery (Panelists: Dr. Pornpawit, Dr. Pradit, Dr. Thanet)</b>	
		Case Presentation 1	15 Dr. Prateep (Pramongkutkloa)
		Case Presentation 2	15 Dr. Siriwut (Ramathibodi)
10:00	10:30	<b>Coffee Break</b>	20
10:30	12:00	<b>MIS Fusion spine surgery</b>	<b>Dr. Ake/Dr. Amnard/Dr. Ittipol</b>
		MIS- TLIF	10 Dr. Panunan (Udon)
		XLIF/DLIF	10 Dr. Veerasak (Siriraj)
		OLIF	10 Dr. Worawat (Chulalongkorn)
		Robotic-assisted lumbar fusion surgery	10 Dr. Sorayouth (Ramathibodi)
11:10	11:40	<b>Case discussion: Degenerative scoliosis (Panelists: Dr. Areesak, Dr. Somroeng, Dr. Wicharn, Dr. Teera)</b>	
		Case Presentation 1	15 Dr. Lukchai (Siriraj)
		Case Presentation 2	15 Dr. Monchai (Siriraj)
11:40	12:00	<b>Baxter Symposium: Use of floseal for MIS spine surgery</b>	20 Dr. Wicharn
		Group Photo	5
12:05	13:00	<b>Buffet Lunch (second floor Novotel)</b>	55

TIME	AGENDA	Time	SPEAKER
13:00	14:30	<b>AOspine session: Minimally invasive spine surgery</b>	<b>Dr. Warat/Dr. Witthawin</b>
13:00	13:05	Welcome speech	5 Dr. Wattana
13:05	13:10	AOspine introduction	5 Dr. Mak
		MIS TLIF for lumbar degenerative conditions: Technical pitfalls	15 Dr. Kriangsak
		MIS lateral approach vs Anterior-to-psoas approach. Comparison of outcome.	15 Dr. Rattalerk
		MIS solution for Adjacent segment disease and revision surgery	15 Dr. Wattana
		MIS strategies for spinal deformity	15 Dr. Tanaka
		Long Percutaneous fusion technique for spinal metastases	15 Dr. Punya
		<b>Case Discussion (Panelists: Dr. Tanaka, Dr. Krishnapundha, Dr. Rattalerk)</b>	
		Case Presentation 1	10 Dr. Roongrath
		Case Presentation 2	10 Dr. Anuchit
14:45	15:15	<b>Coffee break</b>	30
15:15	16:45	<b>Miscellaneous and Controversies</b>	<b>Dr. Tanaka, Dr. Wattana</b>
		Vertebroplasty vs Kyphoplasty. Current evidence.	15 Dr. Warat
		Navigation in MIS spine surgery: Potential pitfalls to consider	15 Dr. Withawin
		Endoscopic spine surgery: Where are we now? Evidence based outcome	15 Dr. Bundoc
		Cervical disc replacement vs fusion. What is the evidence?	15 Dr. Mak
		Importance of Cervical sagittal alignment parameters	15 Dr. Torpong
		New Technologies in spine surgery: Oarm Navigation vs. Robotic spine surgery	15 Dr. Verapan
		<b>Summary and end of Day 1</b>	
16:45	17:00	Course evaluation and feedback	15
17:00	17:15	<b>Group Photo</b>	15
18:00	22:00	<b>Course Dinner</b>	

# Sunday 17<sup>th</sup> June 2018

## MISSCOT Cadaveric Workshop

Venue: SiTEC, Faculty of Medicine Siriraj Hospital, Mahidol University

### TIME

### AGENDA

08:30 08:50 **Registration**

08:50 09:00 **Welcome Speech**

09:00 12:00 **Table 1 Endoscopic surgery** - Transforaminal approach

**Table 2 Global HealthCare (GHT)/Zimmer** - Percutaneous screw insertion  
Microscopic TLIF

**Table 3 Medtronic** - OLIF25 & OLIF51 techniques

**Table 4 Orthopesia** - APOLLO Percutaneous Thoracolumbar  
Stabilization System - MIS TLIF

12:00 13:00 **Lunch**

13:00 16:00 **Table 1 Endoscopic surgery** - Interlaminar approach

**Table 2 Global HealthCare (GHT)/Zimmer** - Percutaneous screw insertion  
Microscopic TLIF

**Table 3 Medtronic** - Percutaneous pedicular screw fixation techniques

**Table 4 Orthopesia** - APOLLO Percutaneous Thoracolumbar  
Stabilization System - MIS TLIF

16:00 **Day Summary and Feedback**

#### Table Instructors:

Dr. Areesak/ Dr. Wicharn/ Dr. Verapan/ Dr. Narongsak/ Dr. Ake/  
Dr. Wattana/ Dr. Thanet/ Dr. Kriangsak/ Dr. Torpong/  
Dr. Withawin/ Dr. Ittipol/ Dr. Monchai/ Dr. Tewajetsada



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