

<input type="checkbox"/>	การบริการ OPD
<input type="checkbox"/>	การเรียน ปี 5. ขึ้นกระดาน
<input type="checkbox"/>	การเรียน ปี 6
<input checked="" type="checkbox"/>	EM. 8 / พ.ศ. 61
<input checked="" type="checkbox"/>	Scan Fo. 7.3 พ.ศ. 61
	วันที่ 8 พ.ศ. 61

Scan หรือ รับเข้า
วันที่ 8 พ.ศ. 61



คำสั่ง คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย  
ที่ 0214 /2561  
เรื่อง ให้ผู้ปฏิบัติงานในมหาวิทยาลัย ไปปฏิบัติงาน ณ ต่างประเทศ

ให้ นายแพทย์วิชาญ ยิ่งศักดิ์มิ่งคล ตำแหน่ง รองศาสตราจารย์ A-3 พนักงานมหาวิทยาลัย ภาควิชาออร์โธปิดิกส์ เดินทางไปปฏิบัติงานเพื่อเข้าร่วมประชุมและเสนอผลงานทางวิชาการ ระหว่างวันที่ 16-25 พฤษภาคม 2561 ณ เมืองซานดิเอโก รัฐแคลิฟอร์เนีย สหรัฐอเมริกา โดยบริษัท Nuvasive, Inc., USA เป็นผู้สนับสนุนค่าใช้จ่ายทั้งหมด ตามรายละเอียดดังนี้

1. ประชุมวิชาการ “11<sup>th</sup> Annual SOLAS Meeting” และเสนอผลงานทางวิชาการเรื่อง “EFFECT OF PSOAS MUSCLE VOLUME ON POST-OPERATIVE THIGH SYMPTOMS IN XLIF PROCEDURE”
2. ประชุม “FACULTY STRATEGY MEETING SOUTH EAST ASIA และ SINGLE POSITION FACULTY TRAINING CADAVER LAB”

สั่ง ณ วันที่ 2 พฤษภาคม พ.ศ. 2561

(ศาสตราจารย์ นายแพทย์สุทธิพงศ์ วัชรสินธุ)  
คณบดี  
ปฏิบัติการแทนอธิการบดี



# สำเนา

## บันทึกข้อความ

<input checked="" type="checkbox"/>	การบริการ OPD	วันที่ 26/12/61
<input checked="" type="checkbox"/>	การเรียน ปี 5, ชั้นกระดาน	วันที่ 26/12/61
<input checked="" type="checkbox"/>	การเรียน ปี 6	วันที่ 26/12/61
<input checked="" type="checkbox"/>	EM. 8	วันที่ 26/12/61
<input checked="" type="checkbox"/>	Scan Fo. 7-3	วันที่ 26/12/61

ส่วนงาน ภาควิชาออร์โธปิดิกส์ คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย โทร.4230, 4510

วันที่ 24 เมษายน 2561

เรื่อง ขออนุมัติไปเสนอผลงานทางวิชาการและร่วมประชุมวิชาการ ณ ต่างประเทศ

เรียน หัวหน้าภาควิชาออร์โธปิดิกส์

สิ่งที่ส่งมาด้วย 1. จดหมายเชิญประชุม

2. จดหมายเชิญประชุมและโปรแกรมการประชุม

ตามที่ กระผม นายแพทย์ วิชาญ ยิ่งศักดิ์มงคล พนักงานมหาวิทยาลัยหมวดเงินอุดหนุน ตำแหน่ง รองศาสตราจารย์ A-3 ภาควิชาออร์โธปิดิกส์ คณะแพทยศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย ได้รับการตอบรับให้ร่วมเสนอผลงานทางวิชาการเรื่อง EFFECT OF PSOAS MUSCLE VOLUME ON POST-OPERATIVE THIGH SYMPTOMS IN XLIF PROCEDURE ในการประชุม 11<sup>TH</sup> Annual SOLAS Meeting โดยเสนอผลงานทางวิชาการในวันที่ 18 พฤษภาคม 2561 ณ เมืองซานดิเอโก รัฐแคลิฟอร์เนีย ประเทศสหรัฐอเมริกา นั้น

และกระผมได้รับเชิญจากบริษัท Nuvasive, Inc., USA ให้ไปเข้าร่วมประชุม FACULTY STRATEGY MEETING SOUTH EAST ASIA และ SINGLE POSITION FACULTY TRAINING CADAVER LAB ในวันที่ 16 - 23 พฤษภาคม 2561 ณ ห้องฝึกซ้อมผ่าตัดของบริษัท ณ เมืองซานดิเอโก รัฐแคลิฟอร์เนีย ประเทศสหรัฐอเมริกา

ในการนี้ กระผมใคร่ขออนุมัติไปเสนอผลงานวิชาการร่วมประชุมและเข้าร่วมฝึกฝนทักษะ โดยไม่ถือเป็นวันลา โดยกำหนดออกเดินทางในวันที่ 16 พฤษภาคม 2561 เดินทางกลับในวันที่ 23 พฤษภาคม 2561 และกลับเข้าปฏิบัติราชการตามเดิมในวันที่ 28 พฤษภาคม 2561 โดยทางบริษัทฯ ผู้เชิญจะเป็นผู้รับผิดชอบค่าใช้จ่ายทั้งสิ้น จึงเรียนมาเพื่อโปรดพิจารณาอนุมัติและดำเนินการต่อไปด้วย จักเป็นพระคุณยิ่ง

(รองศาสตราจารย์นายแพทย์วิชาญ ยิ่งศักดิ์มงคล)

ที่ อธ.282/2561

เรียน คณบดี คณะแพทยศาสตร์

เพื่อโปรดพิจารณาอนุมัติและดำเนินการต่อไปด้วย จักเป็นพระคุณยิ่ง

(ศาสตราจารย์นายแพทย์ อารี ตनावลิ)

หัวหน้าภาควิชาออร์โธปิดิกส์

24 เมษายน 2561

ผู้ประสานงาน : คุณอารีย์ นิยมกลิ่น โทร.4230 ต่อ 13

เรื่องส่งออก วันที่ 26/12/61
ถึง สภามหาวิทยาลัย
ผู้รับ วันที่ 26/12/61

26 เม.ย. 2561



17<sup>th</sup> April 2018

A/Prof. Wicharn Yingsakmongkol  
Spine Surgery Unit  
Department of Orthopaedics  
Faculty of Medicine, Chulalongkorn Hospital  
1873 Rama 4 Road, Pathumwan,  
Bangkok 10330, Thailand

**LETTER OF INVITATION TO:**

- **FACULTY STRATEGY MEETING SOUTH EAST ASIA**
- **SINGLE POSITION FACULTY TRAINING - CADAVER LAB**

**16<sup>TH</sup> TO 23<sup>RD</sup> MAY 2018**

**SAN DIEGO, CALIFORNIA, USA**

NuVasive® is pleased to extend an invitation to you to attend the above-mentioned event.

In accordance with NuVasive®'s compliance policy, we shall be responsible for the following while you are in attendance of the above-mentioned event:

- Travel: ground transportation and a most direct business class round trip airfare\*
- Lodging: for the duration of the events (± one day)
- Conference Registration fee, if any

Please note that any incidental hotel expenses, such as minibar, telephone, laundry and all other expenses for accompanying persons (double occupancy) or any extension of your stay shall not be reimbursed by NuVasive®.

Please note that the sponsorship of these events is not conditional upon any obligation for Chulalongkorn Hospital to use, recommend, promote and/or purchase any of NuVasive® products and it is not intended to influence Chulalongkorn Hospital to do so.

Your attendance at this event indicates that you accept the terms of this letter and you shall follow the policies and guidelines of the institution with which you are affiliated.

By partnering with and learning from experts like yourself can NuVasive® design and develop medical devices which will continually improve our patients' quality of life.

We look forward to your active involvement of this event and thank you for your participation.

Meanwhile, please do not hesitate to contact Ms. Mary Kiang at +18585686947, or email at [mkiang@nuvasive.com](mailto:mkiang@nuvasive.com) for any clarifications and/or for additional information.

Yours truly,

Remco Maljers  
Managing Director  
NuVasive® Southeast Asia Pte Ltd  
M: +65 91188193  
Email: [rmaljers@nuvasive.com](mailto:rmaljers@nuvasive.com)

**Dear Dr. Wicharn Yingsakmongkol:**

Congratulations! Your abstract entitled: EFFECT OF PSOAS MUSCLE VOLUME ON POST-OPERATIVE THIGH SYMPTOMS IN XLIF PROCEDURE has been selected for presentation at the 11<sup>th</sup> Annual SOLAS Meeting in San Diego, May 17 – 19, 2018 at the Fairmont Grand Del Mar.

Your 5-minute presentation is currently slotted:

Session Date: 05-18-2018

Location: Ballroom B

Session Time: 8:20 AM - 9:15 AM

Confirm your participation by responding to [info@lateralaccess.org](mailto:info@lateralaccess.org). When responding, please indicate whether you are a Young Investigator (a resident, spine fellow or practicing surgeon 1 year out of fellowship).

If you haven't done so already, please complete the form, along with your co-authors and return it to: [info@lateralaccess.org](mailto:info@lateralaccess.org) as soon as possible. When naming and saving the document, utilize the following format: LastNameFirstInitial\_SOLAS-2018 (ex. SmithJ\_SOLAS-2018).

Our CME provider requires SOLAS to provide a copy of your presentation at least one week prior to the annual meeting for review. Please upload your presentation by Wednesday, May 9, 2018. Include your name and session date in the file name.

Contact [info@lateralaccess.org](mailto:info@lateralaccess.org) if you have any issues uploading your files.

[https://drive.google.com/drive/folders/1bC99rV\\_VxxsOnSHQvgI9Mz5vA3U-yv\\_I?usp=sharing](https://drive.google.com/drive/folders/1bC99rV_VxxsOnSHQvgI9Mz5vA3U-yv_I?usp=sharing)

Please help us create an OUTSTANDING meeting by being attentive to educational objectives and complying with CME guidelines, which includes removing brand names such as "XLIF" from your presentations. Instead, we ask that you utilize the term "MIS Lateral Access Surgery".

Do not forget to register for the meeting or book your accommodations: <https://www.regmyevent.com/solas/2018/>. Non-SOLAS members invited to present, will receive member pricing. Please register accordingly. In-Training surgeons (residents, fellows), please utilize the "In-Training" option when registering.

Thank you for your addition to the 11th Annual SOLAS Meeting. We look forward to seeing you in San Diego!

The 2018 SOLAS Program Committee

# AGENDA

8:00–8:30 a.m.	Welcome, Breakfast, and Introductions
8:30–8:45 a.m.	Lateral Single-Position Surgery Introduction
8:45–9:30 a.m.	O.R. Set-up / Patient Positioning and Taping
9:30–10:30 a.m.	Lateral ALIF™ Technique Overview
10:30–11:45 a.m.	Lateral ALIF Access Hands-on Lab
10:30–10:45 a.m.	Break
10:45–11:15 a.m.	Advanced XLIF® and XLIF Crestline™ Technique Overview
11:15–11:45 a.m.	Lateral MAS® Fixation Technique Overview
11:45 a.m.–12:30 p.m.	Lunch
12:30–3:00 p.m.	Hands-on Lateral Single-Position Surgery Lab
3:00–4:00 p.m.	Problem Based Case Examples
4:00–4:15 p.m.	Wrap-up

## COURSE DESCRIPTION

Protos Training is a one day competency-based training focused on a defined pathology and procedure. This course provides the competencies needed to successfully and consistently treat patients with Degenerative Conditions at L4–S1 in the Lateral Position.

## LEARNING OUTCOMES

At the end of this course, you will be able to:

- Assess and describe the patient pathologies ideally suited for lateral single-position surgery
- Demonstrate the correct positioning of the patient, fluoroscopy, and table to achieve accurate patient access
- Select safe incision site
- Identify a safe retroperitoneal space and access without injury to visceral or vascular anatomy
- Assemble lateral retractor systems and attachment of blades for optimal exposure of the L4-S1 disc space
- Demonstrate proper placement of spacer to reconstruct anatomic disc space

## CLINICAL PROFESSIONAL DEVELOPMENT

Clinical Professional Development (CPD) is a new team within NuVasive® who are charged with creating and implementing a new range of education programs that are designed to enhance and expedite the professional development of surgeons. As a team, we are committed to driving the lifelong learning and engagement with surgeons by building trusting relationships, which are based on understanding our surgeons' goals, ambitions, and aspirations. The CPD team will deliver personalized plans and solutions to support our surgeons' training, skills acquisition, and professional development with the goal of improving their clinical performance, their patients' safety, and their patients' outcomes.

## CPD EDUCATION

Through education, the CPD team aims to improve patient safety and outcomes by delivering a personalized, lifelong educational pathway of programs and tools that raise the surgical and non-surgical competencies of our surgeons in communities. The purpose is to empower and inspire surgeons to put into practice evidence-based, outcome-driven, and cost-effective surgical procedures using NuVasive® technologies.

## COURSE FACULTY



**Dr. David Yam**  
Neurosurgeon  
Walla Walla, WA



**Dr. Eyal Ben-Aire**  
Vascular Surgeon  
Piedmont Healthcare  
Atlanta, GA

## CPD LIFELONG LEARNING

**Lateral curriculum based on procedure experience**

Number of Lateral Procedures Completed	Available Course Topics
<10	• Degenerative Lumbar Disease
10-30	• Thoracolumbar • Corpectomy • Single-Position Surgery
30-60	• High Crestline Anatomical Challenges • Degenerative L5-S1 in Lateral Position
>60	• Anterior Column Realignment (ACR*)

\*It is not necessary to take all courses in a given section to move onto courses in a later section. Courses are made available based on the number of completed procedures



**SOLAS**  
Society of Lateral  
Access Surgery

9 SOLAS<sup>®</sup> MEMBER LOCATOR

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ABOUT SOLAS



## 11th Annual SOLAS Meeting

### Date

May 17 2018 - May 19 2018

### Location

5300 Grand Del Mar Court, San Diego, CA

SUBMIT YOUR  
ABSTRACT

SUBMISSIONS NOW  
CLOSED

Register Now!

Register for the 11th Annual SOLAS Meeting by clicking [HERE](#)

~~March 18~~ 2018 – Early Bird Deadline **\*EXTENDED through March 25\***

April 23 2018 – Regular Deadline

Abstract Submissions now Closed

Submission Deadline is April 6 2018

The 11th Annual SOLAS Meeting will again be at the Fairmont Grand Del Mar – one of our most popular destinations! Similar to last year, SOLAS will be offering 'Young Investigator Awards' to encourage participation from our newer members.

We look forward to your scientific contributions to make this the best meeting yet

**The following abstract classifications are welcome:**

Basic Science: Biomechanics/Neural Monitoring

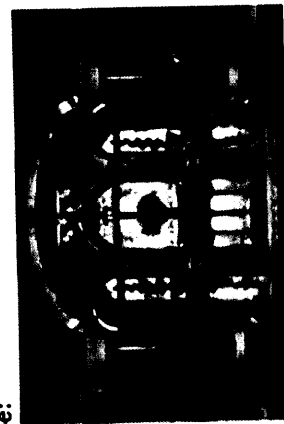
Complications

Deformity

Degeneration

New Technologies/Techniques

Value/Economics



iCal Export

## 11th Annual SOLAS Meeting

<b>THURSDAY</b>		
<b>18:00 - 21:00</b>	<b>Welcome Reception</b>	
	Welcome	SOLAS President, Jim Youssef, MD
<b>19:05 - 21:00</b>	<b>CASE DEBATES - Thomas Cha &amp; Robert Eastlack, Moderators</b>	<b>Presenters</b>
	Transposas vs pre posas lateral approach. Evidence from the literature.	Shane Burch, MD & Juan Uribe, MD
	Is there room for Stand alone?	Robert Eastlack, MD & Cristiano Menezes, MD
<b>FRIDAY</b>		
<b>06:55 - 08:15</b>	<b>SOLAS Business Meeting - Breakfast Served</b>	
	Welcome/Open	SOLAS President, Jim Youssef, MD
<b>08:20 - 10:15</b>	<b>COMPLICATIONS - Robert Eastlack &amp; Stephen Ryu, Moderators</b>	<b>Presenters</b>
	EFFECT OF PSOAS MUSCLE VOLUME ON POST-OPERATIVE THIGH SYMPTOMS IN LLIF PROCEDURE	Wicharn Yingsakmongkol, MD
	MANAGEMENT OF INTRAOPERATIVE LLIF TRIAL MIGRATION INTO THE OPPOSITE SIDE RETROPERITONEAL SPACE: A CASE REPORT.	Pedro Berjano, MD, PhD
	INFECTION RATE BETWEEN PEEL POUCH INSTRUMENTATION AND STANDARD MEANS STERILIZED INSTRUMENTATION IN SPINE ORTHOPEDIC SURGERY	Joshua Schwind, MD
	Discussion 10 Minutes	
	VENOUS THROMBOPROPHYLAXIS IN POST-OPERATIVE SPINE PATIENTS	James Billys, MD
	SAME DAY OUTPATIENT LATERAL INTERBODY FUSION: A PARADIGM SHIFT	Arpan Patel, MD
	LLIF RETRACTOR TIMES AND ASSOCIATION WITH DEMOGRAPHICS, SURGEON EXPERIENCE, AND CLINICAL OUTCOME AT A TERTIARY TEACHING NEUROSURGICAL PRACTICE	Clinton Morgan, MD
	PLACEMENT OF RETROPERITONEAL WOUND DRAIN AFTER LLIF MAY DECREASE THE INCIDENCE AND DURATION OF POSTOPERATIVE THIGH SYMPTOMS.	Jack Bagley, MD
	Discussion 15 Minutes	
<b>09:15 - 10:15</b>	<b>SYMPOSIUM - Lateral Surgery at L5-S1 - Brian Kwon, Moderator</b>	Bill Smith, MD, Vikas Varma, MD, Shane Burch, MD, J. Alex Thomas, MD
<b>10:15 - 10:45</b>	<b>BREAK - 30 Minutes</b>	

## 11th Annual SOLAS Meeting

10:45 - 11:24	VALUE/ECONOMICS - Frank Phillips & Rajiv Sethi, Moderators	Presenters
	FIRST DESCRIPTION OF RADIATION EMISSION DURING MINIMALLY INVASIVE DEFORMITY CORRECTION	Celene Mulholland, MD
	POWER DRILL DEVELOPMENT, UTILIZATION & SURGEON ISSUES	James Malcolm, MD
	CLINICAL EVIDENCE DURING THE SURGEON-PATIENT CONSULTATION	Ken Ishii, MD
	APPROPRIATENESS OF ELECTIVE OUTPATIENT SPINE SURGERY REFERRAL	Fady Sourial, MD
	TRENDS FOR THE UTILIZATION OF ANTERIOR LUMBAR INTERBODY FUSION AMONG PRIVATELY INSURED PATIENTS FROM 2007-2014	Anand Veeravagu, MD
	ANALYSIS OF COST AND 30 DAY OUTCOMES IN SINGLE LEVEL TRANSFORAMINAL LUMBAR INTERBODY FUSION (TLIF) AND LESS INVASIVE, STAND-ALONE LATERAL TRANSPOAS INTERBODY FUSION (LLIF)	Cory Hartman, MD
	Discussion 15 Minutes	
11:24 - 12:30	DEFORMITY - Greg Mundis & Juan Uribe, Moderators	Presenters
	DEFORMITY CORRECTION IN VERTEBRAL OSTEOMYELITIS: A CASE SERIES OF LATERAL APPROACHES.	Puya Alikhani, MD
	MINIMALLY INVASIVE TWO-COLUMN CORRECTION OF THREE-DIMENSIONAL SPINAL DEFORMITY: TECHNICAL DESCRIPTION AND EARLY CLINICAL AND RADIOGRAPHIC RESULTS	William Smith, MD
	TRANSFORAMINAL VERSUS ANTERIOR LUMBAR INTERBODY FUSION AT L5-S1 IN MIS TREATMENT OF ASD: EFFECT ON SPINOPELVIC PARAMETERS AND OUTCOMES IN DEGENERATIVE SCOLIOSIS	Gregory Mundis, MD
	SHORT-SEGMENT MINIMALLY DISRUPTIVE ANTERIOR COLUMN REALIGNMENT (ACR) FOR FOCAL SAGITTAL CORRECTION OF THE LUMBAR SPINE	Phillip Levins, MD
	Discussion 15 Minutes	
	RETROSPECTIVE MULTICENTER ASSESSMENT OF ROD FRACTURE FOLLOWING ANTERIOR COLUMN REALIGNMENT IN ADULT SPINAL DEFORMITY CORRECTION	Jakub Godzik, MD
	LLIF IN ADULT DEFORMITIES: FUSION RATE AND RESULTS	Massimiliano Neroni, MD
	LATERAL LUMBAR INTERBODY FUSION WITH PERCUTANEOUS PEDICLE SCREW FIXATION (LLIF-PPS): ARE WE GETTING SAGITTAL ALIGNMENT RIGHT?	Breana Sijander, MD
	IS ACHIEVING OPTIMAL SPINOPELVIC PARAMETERS NECESSARY TO OBTAIN SUBSTANTIAL CLINICAL BENEFIT: ANALYSIS OF PATIENTS WHO UNDERWENT CIRCUMFERENTIAL MIS OR HYBRID SURGERY WITH OPEN POSTERIOR INSTRUMENTATION	Juan Uribe, MD
	IMPACT OF LOWER THORACIC VS. UPPER LUMBAR UIV IN MIS CORRECTION OF ADULT SPINAL DEFORMITY	Robert Eastlack, MD
	Discussion 15 Minutes	
12:30 - 14:00	LUNCH - Global Partner Corporate Satellite Symposia, NuVasive	



## 11th Annual SOLAS Meeting

14:00 - 15:00	DEGENERATIVE - Jim Youssef & Luiz Pimenta, Moderators	Presenters
	THE IMPACT OF LATERAL LUMBAR INTERBODY FUSION ON LUMBAR LORDOSIS VALUES BASED ON PATIENT AGE AND SEX	John Pollina, MD
	FUSION STATUS AND FORMATION OF OUTER BONE BRIDGE FOLLOWING LATERAL LUMBAR INTERBODY FUSION IN MULTILEVEL INSTRUMENTED SPINAL SURGERY.	Yu Moriguchi, MD
	FUSION STATUS AND FORMATION OF OUTER BONE BRIDGE FOLLOWING LATERAL LUMBAR INTERBODY FUSION IN MULTILEVEL INSTRUMENTED SPINAL SURGERY.	Yu Moriguchi, MD
	STATIC VERSUS EXPANDABLE INTERBODY SPACERS: PRELIMINARY 1-YEAR CLINICAL AND RADIOGRAPHIC RESULTS	Richard Frisch, MD
	MINIMALLY INVASIVE SURGERY PROCEDURE IN ISTHMIC SPONDYLOLISTHESIS.	Francesco Tamburrelli, MD
	Discussion 10 Minutes	
	L5/S1 SURVIVAL RATE AFTER MULTIPLE-LEVEL LATERAL INTERBODY FUSION STOPPING IN L5	Luiz Pimenta, MD
	EFFECT OF SUPPLEMENTAL FIXATION ON FUSION RATES AFTER LATERAL LUMBAR INTERBODY FUSION	John Pollina, MD
	SHORT- TO MEDIUM-TERM FOLLOW-UP OF LLIF AS A TREATMENT FOR ADJACENT SEGMENT DISEASE	Jim Youssef, MD
	MINIMALLY INVASIVE TRANSFORAMINAL LUMBAR INTERBODY FUSION (MI-TLIF) VS MINIMALLY INVASIVE LATERAL LUMBAR INTERBODY FUSION (MI-LLIF): A COMPARISON OF IMMEDIATE POST-OPERATIVE OUTCOMES FOR THE ASSESSMENT OF DECOMPRESSION	Sheeraz Qureshi, MD
	THE OBLIQUE LUMBAR INTERBODY FUSION (OLIF), INCLUDING THE L5/S1 LEVEL, EARLY POST-OPERATIVE SAFETY PROFILE IN A MULTI-CENTER REVIEW	Richard Hynes, MD
	Discussion 10 Minutes	
15:00 - 15:30	<b>BREAK - 30 Minutes</b>	
	ADDRESSING ADJACENT SEGMENT DISEASE FOLLOWING PREVIOUS LUMBAR FUSION SURGERY: STAND-ALONE LATERAL LUMBAR INTERBODY FUSION VERSUS OPEN LAMINECTOMY AND POSTEROLATERAL FUSION	Gregory Lopez, MD
	RADIOGRAPHICAL OUTCOMES FOLLOWING INDIRECT DECOMPRESSION USING LATERAL LUMBAR INTERBODY FUSION WITH MINIMUM 2-YEAR FOLLOW-UP	Hiroaki Nakashima, MD
	PATIENTS' SATISFACTION AFTER LATERAL ACCESS SURGERY FOR DEGENERATIVE LUMBAR DISEASES - COMPARISON WITH CONVENTIONAL TRANSARTICULAR INTERBODY FUSION	Kei Miyamoto, MD
	TRANS-THORACIC EXTREME LATERAL RETROPLEURAL RIB SPARING MINIMALLY INVASIVE SURGICAL APPROACH FOR SYMPTOMATIC LARGE CALCIFIED THORACIC DISC HERNIATION €	Debasish Pal, MD
	CLINICAL AND RADIOGRAPHIC EVALUATION OF INDIRECT DECOMPRESSION AFTER LATERAL TRANSPOAS INTERBODY FUSION IN PATIENTS FROM AN ACADEMIC / PUBLIC HOSPITAL IN LATIN AMERICA	Thiago Coutinho, MD
	Discussion 10 Minutes	

# 11th Annual SOLAS Meeting

May 17-19, 2018

16:00 - 17:00	<b>SYMPOSIUM - Severe Osteoporosis - Rodrigo Amaral, Moderator</b>	James Mok, MD & Joseph O'Brien, MD
16:00 - 17:00	<b>SYMPOSIUM - Young Surgeons - Jay Turner, Moderator</b>	Olumida Dansia, MD, Frank Phillips, MD, Keith Humes, MD, Luis Tumialan, MD, Keith Almetty, MD
<b>SATURDAY</b>		
	Coffee and pastries	
	Corporate Sponsorship Awards/Acknowledgement	Jim Youssef, MD & Bill Taylor, MD
08:05 - 08:30	<b>SOLAS GRANT UPDATES - Greg Malham, Moderator</b>	<b>Presenters</b>
	Efficacy of intraoperative trans-cranial motor evoked potential (MEP) recordings for reducing lumbar plexopathy in L4/5 eXtreme Lateral lumbar Interbody Fusion (LLIF)	Nima Alan, MD
	Muscle volume and degeneration in patients with degenerative spinal disease after lateral access surgery	Robert Eastlack, MD
	Next Generation Robotics for the Placement of Pedicle Screws with the Patient in Lateral Position versus Prone Position Using Stereotactic Navigation after Lateral Lumbar Fusion: A Prospective Clinical Cohort: Comparing Clinical, Radiographic, and Biomechanical Outcomes	John Pollina, MD
	Lateral interbody fusion with percutaneous pedicle screw fixation: are we getting the sagittal alignment right?	Jonathan Sembrano, MD
	Mechanical burden on facet-joint capsule and adjacent segments with lateral placement of a lordotic cage with and without the release of the anterior longitudinal ligament	Ashish Diwan, MD, PhD
	The prone LLIF. A feasibility study based on prospective case-control series.	Claudio Lamartina, MD
	Rest Pain Level as a Preoperative Predictor of Success With Indirect Decompression for Lumbar Spinal Stenosis: A Prospective Trial	Greg Mundis, MD
	Use of Ultrasound as an Adjunct to Electromyography (EMG) Neuromonitoring in Lateral Lumbar Interbody Fusion	Jim Youssef, MD
08:30 - 09:25	<b>BASIC SCIENCE/BIOMECHANICS - Thomas Cha &amp; Elizabeth Yu, Moderators</b>	<b>Presenters</b>
	BIOMECHANICAL EVALUATION OF MINUTEMAN INTERSPINOUS FIXATION/FUSION TECHNOLOGY	Scott Kutz, MD
	EVALUATION OF FUSION RATE IN PATIENTS OPERATED ON WITH EXTREME LATERAL INTERBODY FUSION	Francesco Tamburrelli, MD
	BIOMECHANICAL ANALYSIS OF LUMBAR INTERBODY FUSION CAGES WITH VARIOUS LORDOTIC ANGLES: A FINITE ELEMENT STUDY	Guy Fogel, MD
	BIOMECHANICAL ANALYSIS OF POROUS ADDITIVE MANUFACTURED CAGES FOR LATERAL LUMBAR INTERBODY FUSION	Zhenjun Zhang, MD
	Discussion 10 Minutes	
	MODIC 2 CHANGES AND SMOKING PREDICT VASCULAR ADHERENCE DURING ANTERIOR LUMBAR EXPOSURE	Greg Malham, MD
	OPTIMIZING BIOMECHANICS OF ANTERIOR COLUMN REALIGNMENT (ACR) CONSTRUCTS: A CADAVERIC STUDY OF ROD STRAIN AND CONSTRUCT STABILITY	Jakub Godzik, MD
	PREDICTING INDIRECT DECOMPRESSION - THE ROLE OF CAGE LOCATION AND LUMBAR LEVEL IN LATERAL LUMBAR INTERBODY FUSION	Noojan Kazemi, MD

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## 11th Annual SOLAS Meeting

	MAXIMAL SEGMENTAL LORDOSIS CAN BE ACHIEVED WHEN FIXATING INTO ONE OR BOTH VERTEBRAL BODIES DURING ANTERIOR COLUMN REALIGNMENT: A CADAVERIC STUDY	Jakub Godzik, MD
	Discussion 10 Minutes	
09:25 - 10:25	<b>SYMPOSIUM - Material and Surfaces Characteristics - Greg Malham, Moderator</b>	Frank Phillips, MD, Todd Allen, MD, Bill Walsh, MD, Willington Hsu, MD
10:25 - 10:55	<b>BREAK - 30 Minutes</b>	
10:55 - 12:45	<b>NEW TECHNOLOGIES/TECHNIQUES - Pedro Berjano &amp; Jonathan Sembrano, Moderators</b>	<b>Presenters</b>
	INDIRECT DECOMPRESSION OF THE SPINAL CORD. CASE REPORT	Augusto Martinez, MD
	ROLE OF ROBOTIC GUIDANCE IN CIRCUMFERENTIAL LATERAL INTERBODY FUSION: REVIEW OF INSTITUTIONAL EXPERIENCE	Jakub Godzik, MD
	MINI-OPEN LATERAL EN BLOC CORPECTOMY: CADAVERIC FEASIBILITY AND EARLY CLINICAL EXPERIENCE	Jay Turner, MD
	PREOPERATIVE LUMBOSACRAL ALIGNMENT AND ITS CORRELATION TO LORDOSIS CHANGE FROM PREOPERATIVE STANDING TO INTRAOPERATIVE RECURRENT POSITIONS	Mir Ali, MD
	SINGLE-POSITION LATERAL INTERBODY FUSION AND PERCUTANEOUS PEDICLE SCREW FIXATION WITH O-ARM-BASED NAVIGATION	Jun Ouchida, MD
	Discussion 10 Minutes	
	ACCURACY, RADIATION TIME, AND RADIATION EXPOSURE USING COMPUTER-ASSISTED INSTRUMENT NAVIGATION VS. CONVENTIONAL C-ARM FLUOROSCOPY FOR SURGICAL INSTRUMENTATION	Timothy Wang, MD
	L5-S1 LATERAL RETROPERITONEAL TRANSPSOAS APPROACH: A TECHNICAL NOTE AND FEASIBILITY STUDY	Michele Pecoraro, MD
	ANTERIOR LUMBAR INTERBODY FUSION PERFORMED IN THE LATERAL DECUBITUS POSITION (LALIF) IS A NOVEL SINGLE-POSITION SOLUTION FOR SPINAL FUSION AT L5/S1	Alex Thomas, MD
	A PROSPECTIVE, MULTICENTER EVALUATION OF THE RELATIONSHIP BETWEEN STANDING AND RECURRENT SURGICAL LUMBAR LORDOSIS	Mir Ali, MD
	LATERAL ALIF IS A SAFE AND EFFECTIVE APPROACH TO L5/S1	Shane Burch, MD
	Discussion 10 Minutes	
	EARLY OUTCOMES OF TITANIUM, SURFACE TEXTURED, 3-DIMENSIONAL MANUFACTURED IMPLANTS FOR LUMBAR SPINAL FUSION	William Smith, MD
	INSERTING A CBT SCREW IN A LATERAL POSITION AS A NOVEL WAY OF FIXATION AFTER THE LLIF PROCEDURE	Seiji Otsuka, MD
	PREOPERATIVE LUMBOSACRAL ALIGNMENT AND ITS CORRELATION TO LORDOSIS CHANGE IN ONE- AND TWO-LEVEL DEGENERATIVE FUSIONS	Samuel Schroerlucke, MD
	SPINAL CORD DECOMPRESSION BY MINIMALLY INVASIVE TRANS-THORACIC LATERAL ACCESS. CASE REPORT.	Augusto Martinez, MD
	COMBINED LATERAL TRANSPSOAS ANTERIOR COLUMN REALIGNMENT WITH PEDICLE SUBTRACTION OSTECTOMY TO TREAT SEVERE SAGITTAL PLANE DEFORMITY: CADAVERIC FEASIBILITY STUDY AND EARLY CLINICAL EXPERIENCE	Jakub Godzik, MD

# 11th Annual SOLAS Meeting

May 17-19, 2018

	Discussion 10 Minutes	
	INDIRECT ACR IN LATERAL APPROACH	Augusto Martinez, MD
	LATERAL DECUBITUS ANTERIOR ACCESS TO L5-S1 COMPARED TO TRADITIONAL SUPINE ANTERIOR APPROACH.	Raymond Yip, MD
	THE EFFECT OF PATIENT REPOSITIONING INTRAOPERATIVELY ON SEGMENTAL LORDOSIS AND DISC HEIGHT USING AN EXPANDABLE LATERAL INTERBODY AND NOVEL POST-RESPOSITIONINTERBODY EXPANSION TOOL	William Tally, MD
	THE FEASIBILITY OF TRANSCUTANEOUS TRANSABDOMINAL STIMULATION OF THE LUMBOSACRAL NERVE ROOTS IN LUMBAR SPINE SURGERY	Jeff Balzer, MD
	THE INFLUENCE OF ALIGNMENT PLANNING ON SURGICAL PLAN CHANGES IN THORACOLUMBAR SPINAL FUSIONS: INTERIM MULTICENTER ANALYSIS	Mir Ali, MD
	Discussion 10 Minutes	
	Young Investigators Award - Adjourn	

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The 11<sup>th</sup> Annual SOLAS Meeting program is now available for you to review. It isn't too late to register. Book now, prices increase on Monday, May 7!

**Register Now**

*The following program current as of April 23. SOLAS retains the right to alter the program as needed.*

# Meeting Agenda

## Thursday, May 17, 2018

18:00 - 21:00	Welcome Reception	
19:00	Welcome	SOLAS President, Jim Youssef, MD
19:05 - 21:00	CASE DEBATES - Thomas Cha & Robert Eastlack, Moderators	Presenters
19:05	Transposas vs pre posas lateral approach. Evidence from the literature.	Shane Burch, MD & Juan Uribe, MD
20:00	Is there room for Stand alone?	Robert Eastlack, MD & Cristiano Menezes, MD

## Friday, May 18, 2018

06:55	SOLAS Business Meeting - Breakfast Served	
08:15		
08:15	Welcome/Open	SOLAS President, Jim Youssef, MD
08:20	- <b>COMPLICATIONS</b> - Robert Eastlack & Stephen Ryu, Moderators	Presenters
10:15		
08:20	EFFECT OF PSOAS MUSCLE VOLUME ON POST-OPERATIVE THIGH SYMPTOMS IN LLIF PROCEDURE	Wicharn Yingsakmongkol, MD
08:24	MANAGEMENT OF INTRAOPERATIVE LLIF TRIAL MIGRATION INTO THE OPPOSITE SIDE RETROPERITONEAL SPACE. A CASE REPORT.	Pedro Berjano, MD, PhD
08:28	INFECTION RATE BETWEEN PEEL POUCH INSTRUMENTATION AND STANDARD MEANS STERILIZED INSTRUMENTATION IN SPINE ORTHOPEDIC SURGERY	Joshua Schwind, MD
08:32	Discussion 10 Minutes	
08:42	VENOUS THROMBOPROPHYLAXIS IN POST-OPERATIVE SPINE PATIENTS	James Billys, MD
08:46	SAME DAY OUTPATIENT LATERAL INTERBODY FUSION: A PARADIGM SHIFT	Arpan Patel, MD
08:50	LLIF RETRACTOR TIMES AND ASSOCIATION WITH DEMOGRAPHICS, SURGEON EXPERIENCE, AND CLINICAL OUTCOME AT A TERTIARY TEACHING NEUROSURGICAL PRACTICE	Clinton Morgan, MD
08:54	PLACEMENT OF RETROPERITONEAL WOUND DRAIN AFTER LLIF MAY DECREASE THE INCIDENCE AND DURATION OF	Jack Bagley, MD

POSTOPERATIVE THIGH SYMPTOMS.		
08:58	Discussion 15 Minutes	
09:15	- <b>SYMPOSIUM</b> - Lateral Surgery at L5-S1 - Brian Kwon, Moderator	Bill Smith, MD, Vikas Varma, MD, Shane Burch, MD, J. Alex Thomas, MD
10:15	- <b>BREAK</b> - 30 Minutes	
10:45		
10:45	- <b>VALUE/ECONOMICS</b> - Frank Phillips & Rajiv Sethi, Moderators	Presenters
11:24		
10:45	FIRST DESCRIPTION OF RADIATION EMISSION DURING MINIMALLY INVASIVE DEFORMITY CORRECTION	Celene Mulholland, MD
10:49	POWER DRILL DEVELOPMENT, UTILIZATION & SURGEON ISSUES	James Malcolm, MD
10:53	CLINICAL EVIDENCE DURING THE SURGEON-PATIENT CONSULTATION	Ken Ishii, MD
10:57	APPROPRIATENESS OF ELECTIVE OUTPATIENT SPINE SURGERY REFERRAL	Fady Sourial, MD
11:01	TRENDS FOR THE UTILIZATION OF ANTERIOR LUMBAR INTERBODY FUSION AMONG PRIVATELY INSURED PATIENTS FROM 2007-2014	Anand Veeravagu, MD
11:05	ANALYSIS OF COST AND 30 DAY OUTCOMES IN SINGLE LEVEL TRANSFORAMINAL LUMBAR INTERBODY FUSION (TLIF) AND LESS INVASIVE, STAND-ALONE LATERAL TRANSPOAS INTERBODY FUSION (LLIF)	Cory Hartman, MD
11:09	Discussion 15 Minutes	
11:24	- <b>DEFORMITY</b> - Greg Mundis & Juan Uribe, Moderators	Presenters
12:30		
11:24	DEFORMITY CORRECTION IN VERTEBRAL OSTEOMYELITIS: A CASE SERIES OF LATERAL APPROACHES.	Puya Alikhani, MD
11:28	MINIMALLY INVASIVE TWO-COLUMN CORRECTION OF THREE-DIMENSIONAL SPINAL DEFORMITY: TECHNICAL DESCRIPTION AND EARLY CLINICAL AND RADIOGRAPHIC RESULTS	William Smith, MD
11:32	TRANSFORAMINAL VERSUS ANTERIOR LUMBAR INTERBODY FUSION AT L5-S1 IN MIS TREATMENT OF ASD: EFFECT ON SPINOPELVIC PARAMETERS AND OUTCOMES IN DEGENERATIVE SCOLIOSIS	Gregory Mundis, MD
11:36	SHORT-SEGMENT MINIMALLY DISRUPTIVE ANTERIOR COLUMN REALIGNMENT (ACR) FOR FOCAL SAGITTAL CORRECTION OF THE LUMBAR SPINE	Phillip Levins, MD
11:40	Discussion 15 Minutes	
11:55	RETROSPECTIVE MULTICENTER ASSESSMENT OF ROD FRACTURE FOLLOWING ANTERIOR COLUMN REALIGNMENT IN ADULT SPINAL DEFORMITY CORRECTION	Jakub Godzik, MD
11:59	LLIF IN ADULT DEFORMITIES: FUSION RATE AND RESULTS	Massimiliano Neroni, MD
12:03	LATERAL LUMBAR INTERBODY FUSION WITH PERCUTANEOUS PEDICLE SCREW FIXATION (LLIF-PPS): ARE WE GETTING SAGITTAL ALIGNMENT RIGHT?	Breana Siljander, MD
12:07	IS ACHIEVING OPTIMAL SPINOPELVIC PARAMETERS NECESSARY TO OBTAIN SUBSTANTIAL CLINICAL BENEFIT: ANALYSIS OF PATIENTS WHO UNDERWENT CIRCUMFERENTIAL MIS OR HYBRID SURGERY WITH OPEN POSTERIOR INSTRUMENTATION	Juan Uribe, MD
12:11	IMPACT OF LOWER THORACIC VS. UPPER LUMBAR UIV IN MIS CORRECTION OF ADULT SPINAL DEFORMITY	Robert Eastlack, MD
12:15	Discussion 15 Minutes	
12:30	- <b>LUNCH</b> - Global Partner Corporate Satellite Symposia, NuVasive	
14:00		
14:00	- <b>DEGENERATIVE</b> - Jim Youssef & Luiz Pimenta, Moderators	Presenters
15:00		
14:00	THE IMPACT OF LATERAL LUMBAR INTERBODY FUSION ON LUMBAR LORDOSIS VALUES BASED ON PATIENT AGE AND SEX	John Pollina, MD
14:04	FUSION STATUS AND FORMATION OF OUTER BONE BRIDGE FOLLOWING LATERAL LUMBAR INTERBODY FUSION IN MULTILEVEL INSTRUMENTED SPINAL SURGERY.	Yu Moriguchi, MD

14:08	FUSION STATUS AND FORMATION OF OUTER BONE BRIDGE FOLLOWING LATERAL LUMBAR INTERBODY FUSION IN MULTILEVEL INSTRUMENTED SPINAL SURGERY.	Yu Moriguchi, MD
14:12	STATIC VERSUS EXPANDABLE INTERBODY SPACERS: PRELIMINARY 1-YEAR CLINICAL AND RADIOGRAPHIC RESULTS	Richard Frisch, MD
14:16	MINIMALLY INVASIVE SURGERY PROCEDURE IN ISTHMIC SPONDYLOLISTHESIS.	Francesco Tamburrelli, MD
14:20	Discussion 10 Minutes	
14:30	L5S1 SURVIVAL RATE AFTER MULTIPLE-LEVEL LATERAL INTERBODY FUSION STOPPING IN L5	Luiz Pimenta, MD
14:34	EFFECT OF SUPPLEMENTAL FIXATION ON FUSION RATES AFTER LATERAL LUMBAR INTERBODY FUSION	John Pollina, MD
14:38	SHORT- TO MEDIUM-TERM FOLLOW-UP OF LLIF AS A TREATMENT FOR ADJACENT SEGMENT DISEASE	Jim Youssef, MD
14:42	MINIMALLY INVASIVE TRANSFORAMINAL LUMBAR INTERBODY FUSION (MI-TLIF) VS MINIMALLY INVASIVE LATERAL LUMBAR INTERBODY FUSION (MI-LLIF): A COMPARISON OF IMMEDIATE POST-OPERATIVE OUTCOMES FOR THE ASSESSMENT OF DECOMPRESSION	Sheeraz Qureshi, MD
14:46	THE OBLIQUE LUMBAR INTERBODY FUSION (OLIF), INCLUDING THE L5S1 LEVEL, EARLY POST-OPERATIVE SAFETY PROFILE IN A MULTI-CENTER REVIEW	Richard Hynes, MD
14:50	Discussion 10 Minutes	
15:00	- <b>BREAK</b> - 30 Minutes	
15:30	ADDRESSING ADJACENT SEGMENT DISEASE FOLLOWING PREVIOUS LUMBAR FUSION SURGERY: STAND-ALONE LATERAL LUMBAR INTERBODY FUSION VERSUS OPEN LAMINOTOMY AND POSTEROLATERAL FUSION	Gregory Lopez, MD
15:34	RADIOGRAPHICAL OUTCOMES FOLLOWING INDIRECT DECOMPRESSION USING LATERAL LUMBAR INTERBODY FUSION WITH MINIMUM 2-YEAR FOLLOW-UP	Hiroaki Nakashima, MD
15:38	PATIENTS' SATISFACTION AFTER LATERAL ACCESS SURGERY FOR DEGENERATIVE LUMBAR DISEASES -COMPARISON WITH CONVENTIONAL TRANSARTICULAR INTERBODY FUSION	Kei Miyamoto, MD
15:42	TRANS-THORACIC EXTREME LATERAL RETROPLEURAL RIB SPARING MINIMALLY INVASIVE SURGICAL APPROACH FOR SYMPTOMATIC LARGE CALCIFIED THORACIC DISC HERNIATION	Debasish Pal, MD
15:48	CLINICAL AND RADIOGRAPHIC EVALUATION OF INDIRECT DECOMPRESSION AFTER LATERAL TRANSPOAS INTERBODY FUSION IN PATIENTS FROM AN ACADEMIC / PUBLIC HOSPITAL IN LATIN AMERICA	Thiago Coutinho, MD
15:52	Discussion 10 Minutes	
16:00	- <b>SYMPOSIUM</b> - Severe Osteoporosis - Rodrigo Amaral, Moderator	James Mok, MD & Joseph O'Brien, MD
17:00		
16:00	- <b>SYMPOSIUM</b> - Young Surgeons - Jay Turner, Moderator	Olumida Dansia, MD, Frank Phillips, MD, Keith Humes, MD, Luis Tumialan, MD, Kaith Almefty, MD
17:00		

## Saturday, May 19, 2018

07:00	Coffee and pastries	
08:00	Corporate Sponsorship Awards/Acknowledgement	Jim Youssef, MD & Bill Taylor, MD
08:05	- <b>SOLAS GRANT UPDATES</b> - Greg Malham, Moderator	Presenters
08:30		
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08:07	Muscle volume and degeneration in patients with degenerative spinal disease after	Robert Eastlack, MD

	lateral access surgery	
08:09	Next Generation Robotics for the Placement of Pedicle Screws with the Patient in Lateral Position versus Prone Position Using Stereotactic Navigation after Lateral Lumbar Fusion: A Prospective Clinical Cohort: Comparing Clinical, Radiographic, and Biomechanical Outcomes	John Pollina, MD
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8:46	Discussion 10 Minutes	
08:56	MODIC 2 CHANGES AND SMOKING PREDICT VASCULAR ADHERENCE DURING ANTERIOR LUMBAR EXPOSURE.	Greg Malham, MD
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- TECHNICAL NOTE AND FEASIBILITY STUDY
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