

# SPINE MASTERS' Surgical Techniques

MAY 19–21, 2016

## THE LIVE, INTERACTIVE SURGERY COURSE

### FEATURING:

- Six **live surgeries** on **movie theater screens**, showing:
  - MIS lateral
  - Sacropelvic fixation
  - PSOs
  - Occipital-cervical fixation...and more
- **Optional cadaveric lab**

This activity has been approved  
for *AMA PRA Category 1 Credit™*



JOINTLY PROVIDED BY:



BROADWATER<sup>LLC</sup>

ENDORSED BY:



## COURSE CHAIRMEN:



MUNISH C.  
Gupta, MD



NEILL M.  
Wright, MD

### GUEST FACULTY:

Chris Ames, MD  
Azmi Hamzaoglu, MD  
Tyler Koski, MD

Ibrahim Obeid, MD  
Pierre Roussouly, MD  
Ferran Pellisé, MD

### WASHINGTON UNIVERSITY SCHOOL OF MEDICINE FACULTY:

Keith Bridwell, MD  
Jacob Buchowski, MD  
Ian Dorward, MD  
Michael Kelly, MD

Wilson Z. Ray, MD  
Paul Santiago, MD  
Lukas Zebala, MD

HOSTED BY:

WASHINGTON UNIVERSITY  
SCHOOL OF MEDICINE AND  
BARNES-JEWISH HOSPITAL  
ST. LOUIS, MO

Dear Colleague:

**This is not your typical spine surgery meeting!**

Now in its sixth year, this Masters' Techniques program offers you an incredible educational experience, featuring:

■ **6 spine surgeries, broadcast *live* including:**

- Degenerative scoliosis with sacropelvic fixation and TLIF
- Adult deformity revision, with lumbar PSO
- Occipito-cervical fusion
- Cervical deformity with cervical PSO or anterior/posterior
- Lumbar degen. with MIS lateral interbody fusion
- Pediatric deformity

■ **Highly interactive and collegial** case discussions, lectures, and workshops.

■ **Exceptional international faculty of neurosurgical and orthopaedic spine experts.**

■ **Hands-on cadaveric lab** to learn techniques shown in the live surgeries.

***Space is limited, and we highly you recommend you register as early as you can.***

We look forward to seeing you in St. Louis!

Munish C. Gupta, MD

Neill M. Wright, MD

CO-CHAIRMEN



## Chairmen:

### Munish C. Gupta, MD

WASHINGTON UNIVERSITY SCHOOL  
OF MEDICINE  
St. Louis, MO

### Neill M. Wright, MD

WASHINGTON UNIVERSITY SCHOOL  
OF MEDICINE  
St. Louis, MO

## Faculty:

### Christopher Ames, MD

UCSF SPINE CENTER  
San Francisco, CA

### Keith Bridwell, MD

WASHINGTON UNIVERSITY SCHOOL  
OF MEDICINE  
St. Louis, MO

### Jacob Buchowski, MD

WASHINGTON UNIVERSITY SCHOOL  
OF MEDICINE  
St. Louis, MO

### Ian Dorward, MD

WASHINGTON UNIVERSITY SCHOOL  
OF MEDICINE  
St. Louis, MO

### Azmi Hamzaoglu, MD

ISTANBUL SPINE CENTER  
Istanbul, Turkey

### Michael P. Kelly, MD

WASHINGTON UNIVERSITY SCHOOL  
OF MEDICINE  
St. Louis, MO

### Tyler Koski, MD

NORTHWESTERN UNIVERSITY SCHOOL  
OF MEDICINE  
Chicago, IL

### Ibrahim Obeid, MD

BORDEAUX UNIVERSITY  
HOSPITAL AND CLINIQUE DU  
DOS-BORDEAUX ORTHOPOLE  
Bordeaux, France

### Wilson Z. Ray, MD

WASHINGTON UNIVERSITY SCHOOL  
OF MEDICINE  
St. Louis, MO

### Pierre Roussouly, MD

CENTRE MÉDICO-CHIRURGICAL DES  
MASSUES  
Lyon, France

### Paul Santiago, MD

WASHINGTON UNIVERSITY SCHOOL  
OF MEDICINE  
St. Louis, MO

### Ferran Pellisé, MD

HOSPITAL VALL D'HEBRON  
Barcelona, Spain

### Lukas P. Zebala, MD

WASHINGTON UNIVERSITY SCHOOL  
OF MEDICINE  
St. Louis, MO

*Faculty subject to change*

## Course Objectives

*At the  
conclusion of  
this activity,  
participants  
should be  
better able to:*

1

Analyze, discuss, and recommend optimal surgical strategies for treating various spinal disorders from the occiput to the sacrum, including adult and pediatric deformities, degenerative and tumors.



2

Discuss the suitability of open and minimally invasive surgery techniques for degenerative spine cases.



3

Explain approaches for avoiding and treating complications in complex spine surgery.



### CME ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Washington University School of Medicine, Continuing Medical Education and BroadWater, LLC. Washington University is accredited by the ACCME to provide continuing

medical education for physicians. Washington University designates this educational activity for a maximum of *14.0 AMA PRA Category 1 Credits™* for the seminar and *6 AMA PRA Category 1 Credits™* for the Hands on Lab. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

# Program

## THURSDAY, MAY 19

**6:45 AM** Shuttles depart Chase Park Plaza Hotel

**7:00** Registration

**7:15** Non-CME Workshops with Continental Breakfast

### SESSION 1: Live Surgeries

**8:20** Welcome / Opening Remarks

- 8:30** Introduction of Surgical Cases
- **SURGERY A:** Revision Adult Deformity with Lumbar PSO  
**Munish Gupta, MD**
  - **SURGERY B:** Degenerative Scoliosis with Sacropelvic Fixation and TLIF  
**Jacob Buchowski, MD & Ian Dorward, MD**
  - **SURGERY C:** Occipital Cervical Fusion  
**Paul Santiago, MD & Wilson Z. Ray, MD**

**10:30** Refreshment Break

**12:15 PM** Lunch

### SESSION 2: Adult Deformity

- 1:00** Analyzing Sagittal Plane Deformities in Adults: What is Important? **Pierre Roussouly, MD**
- 1:15** Discussion
- 1:20** Avoiding Complications in the Treatment of Sagittal Plane Deformities in Adults **Ibrahim Obeid, MD**
- 1:35** Discussion
- 1:40** Surgical Options in the Management of Adult Scoliosis **Ferran Pellisé, MD**
- 1:55** Discussion
- 2:00** Lessons Learned in the Surgical Treatment of Adult Scoliosis **Keith Bridwell, MD**
- 2:15** Discussion

**2:20** Revision of Adult Spinal Deformity: Optimizing the Results **Michael Kelly, MD**

**2:35** Discussion

**2:40** Occipital Cervical Junction Surgical Management **Paul Santiago, MD**

**2:55** Discussion

**3:00** Refreshment Break

### SESSION 3: Controversies in Spine Surgery

- 3:30** Case Discussions
- Primary Adult Deformity
  - Adult Deformity Revision
  - Cervical Deformity

**4:45** Reception

**5:45** Shuttles to Chase Park Plaza Hotel

## FRIDAY, MAY 20

**6:45 AM** Shuttles depart Chase Park Plaza Hotel

**7:00** Registration

**7:15** Non-CME Workshops with Continental Breakfast

### SESSION 4: Live Surgeries

**8:20 AM** Welcome / Opening Remarks

- 8:30** Introduction of Surgical Cases
- **SURGERY A:** Severe Pediatric Deformity  
**Keith Bridwell, MD & Michael Kelly, MD**
  - **SURGERY B:** Cervical Deformity either Anterior / Posterior, or a Cervical PSO  
**Neill Wright, MD**
  - **SURGERY C:** Lumbar Degenerative with MIS Lateral LIF  
**Lukas Zebala, MD & Wilson Z. Ray, MD**

**10:30** Refreshment Break

12:15 PM Lunch

## SESSION 5: Current Spine Topics

1:05	Surgical Options for Severe Pediatric Deformity	Azmi Hamzaoglu, MD
1:17	Discussion	
1:21	Cervical Arthroplasty vs. Fusion: Indications and Complications	Wilson Z. Ray, MD
1:33	Discussion	
1:37	Cervical Deformity: Analysis and Surgical Treatment	Christopher Ames, MD
1:49	Discussion	
1:53	Anterior and Lateral Lumbar Minimally Invasive Approaches: How to Choose	Lukas Zebala, MD
2:05	Discussion	
2:09	Lumbar Minimally Invasive Techniques: Indications, Complications, and Outcomes	Ian Dorward, MD
2:21	Discussion	
2:25	Improving Perioperative Safety in Spinal Surgery	Tyler Koski, MD
2:37	Discussion	
2:41	Metastatic Tumors of the Spine: Current Concepts	Jacob Buchowski, MD
2:53	Discussion	

## SESSION 6: Controversies in Spine Surgery

3:00	Case Discussions <ul style="list-style-type: none"><li>■ Pediatric Spinal Deformity</li><li>■ Lumbar Degenerative</li><li>■ Tumor</li></ul>	
4:00	Adjourn, Shuttle to Chase Park Plaza	

## SATURDAY, MAY 21

### Optional Hands-on Cadaveric Lab

7:45 AM Registration and Continental Breakfast

8:00 Welcome

#### Technique Overviews:

8:05 Occipital-Cervical-Thoracic Fixation

8:13 Q&A

8:17 Sacropelvic Fixation

8:25 Q&A

8:29 Pedicle Subtraction Osteotomies

8:37 Q&A

8:41 MIS Lateral Technique

8:49 Q&A

8:53 Discussion

9:05 Proceed to Labs

#### Cadaveric Labs

*Participants will choose three techniques to learn during 3 lab rotations. Techniques to choose from will include:*

- Occipital-Cervical-Thoracic Fixation
- Osteotomies
- Sacropelvic Fixation
- MIS lateral

9:15 Lab Rotation #1

11:00 Lab Rotation #2

12:30 PM Lunch

1:00 Lab Rotation #3

2:45 Adjourn, Shuttles to Chase Park Plaza Hotel and Airport

*Program subject to change*

# General Information

FOR MORE INFORMATION AND TO REGISTER GO TO:

[broad-water.com/event/Spine-Masters](http://broad-water.com/event/Spine-Masters)

## REGISTRATION FEES

**Surgeons:** \$695

**Residents / Fellows/Allied Health:** \$495

**Late Registration Fee:** \$50 (after **April 20**)

**Optional Lab Registration Fee:** \$645\*

Registration includes breakfasts, lunches, syllabus materials, and scientific sessions on Thursday and Friday.

Lab registration includes breakfast, lunch, and cadaveric instruction on Saturday. Main course registration is required in order to register for the cadaveric lab.

*\*Registrants for the lab must register for the main program*

## REGISTRATION PROCEDURE

**Register early as the limited space will fill rapidly, especially for the hands-on lab.**

Surgeons who register after the course is full will be placed on a wait list and contacted if space becomes available.

## REFUND POLICY

A full refund will be provided, less a \$150 administrative fee, dependent upon written notice being received by **April 20, 2016**. Refunds will not be made after this date. Substitutions are allowed at any time but must be submitted in writing.

**Cancellation Policy:** In the unlikely event of insufficient enrollment, we reserve the right to cancel the course up to 21 days prior to the course. Registrants will be notified by certified mail and registration fees will be refunded. Airline and other costs incurred by the registrant are the responsibility of the registrant and will not be refunded.

**Attendance:** The course chairmen reserve the right to refuse admission to anyone whose presence is considered to be incompatible with the course objectives.

**Language:** The program will be presented in English.

## DISCLOSURE POLICY

It is the policy of Washington University School of Medicine, Continuing Medical Education, that planners, faculty and other persons who may influence content of this CME activity disclose all relevant financial relationships with commercial interests in order for CME staff to identify and resolve any potential conflicts of interest prior to the educational activity. Faculty must also disclose any planned discussion of unlabeled / unapproved uses of drugs or devices during their presentation. Detailed disclosures will be made in activity handout materials.

## COMMERCIAL SUPPORT

This activity is supported in part by educational grants from various commercial organizations. A complete list of commercial supporters and contributors will be available at the time of the conference. Some companies may also exhibit.

# Hotel Accommodations

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## THE COURSE HOTEL IS:

The Chase Park Plaza  
212-232 North Kingshighway Blvd.  
St. Louis, MO 63108

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## ROOM RATE

\$169.00 (plus tax) for a One-Bedroom Suite



THE CHASE PARK PLAZA

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## RESERVATIONS PROCEDURE

To make your hotel reservation, please call the Chase Park Plaza reservations department at (877) 587-2427 or (314) 633-3000 and ask to book a room for the “BroadWater” group. Please ensure you book your room within the group block to receive the group rate.

**Deadline:** It is recommended that participants book their hotel rooms as soon as possible, as space will fill rapidly. Reservations at the group rate may not be available after **April 26, 2016.**

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## RESERVATIONS POLICIES

A credit card number and first night’s advance deposit is required to guarantee each hotel reservation. Reservations can be cancelled without penalty until 72 hours prior to the scheduled arrival. Reservations cancelled within 72 hours will incur a penalty equal to 1 night’s room and tax.



## FOR ADDITIONAL INFORMATION PLEASE CONTACT:

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