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Oquendo Center

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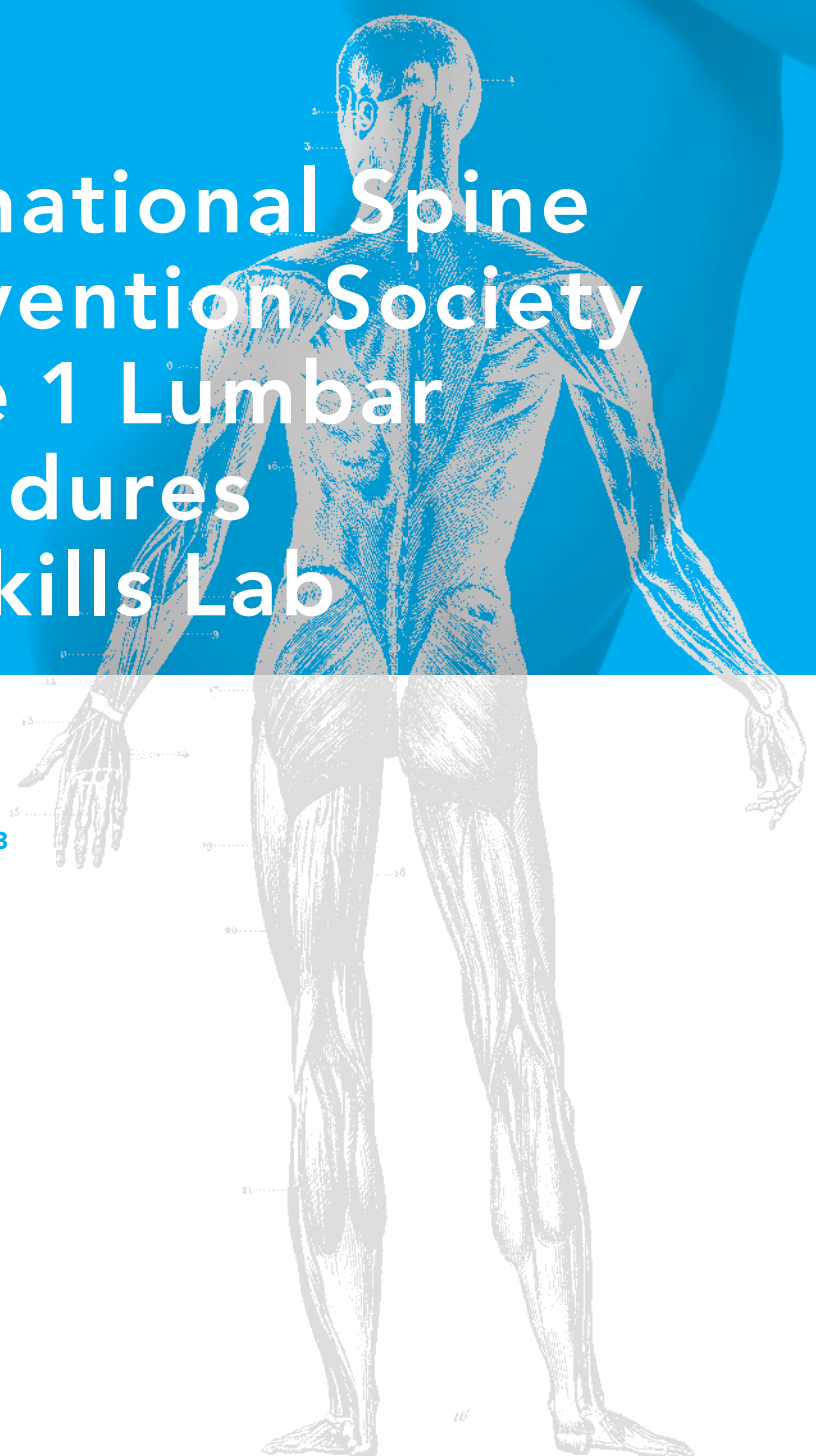
Las Vegas  
Nevada

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Workshop Dates

Friday, Saturday & Sunday  
April 23–25, 2010

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# International Spine Intervention Society Phase 1 Lumbar Procedures Bio-Skills Lab

International Spine  
Intervention Society  
161 Mitchell Blvd  
Suite 103  
San Rafael, CA 94903

First Class Mail  
US Postage  
PAID  
Permit #925  
San Francisco, CA



Registration open online,  
fax or mail [www.spinalinjection.com](http://www.spinalinjection.com)

➤ **REGISTRATION IS REQUIRED!**  
FIRST COME, FIRST SERVED.

## who may attend

ISIS members who are interested in or are currently practicing spine intervention medicine and/or spine injection techniques can attend. This course is specifically designed for all skill levels. Members who have not taken an ISIS hands-on bio-skills lab previously **must** begin by taking this course.

In accordance with new guidelines recommended by the education committee and adopted by the board of directors, the following specialties only may enroll in this course: Anesthesia, Physical Medicine & Rehabilitation, Radiology, Orthopedic Surgery and Neurosurgery. Any member who wishes a waiver of these protocols must contact ISIS.

## course goals

The field of spine intervention is rapidly changing due to increased knowledge of patient outcomes, advances in therapeutic techniques and new treatment technology. The overall goals of this course are to enhance patient care by providing participants with information and skill building exercises developed on an evidence-based approach to spine pain. ISIS incorporates a comprehensive approach in the diagnosis and treatment of patients with spine pain and this course includes: anatomy, imaging, techniques, risks, or compilations and outcomes. Time is provided for one-on-one faculty interaction and participant questions.

## educational objectives

Upon completion of this program participants should be able to:

- Interpret patient history including radiographic findings to develop a differential diagnosis of a patient's spine pathology
- Perform a physical examination related to pre and post procedure effects
- Develop an appropriate diagnostic and therapeutic algorithm for spine and radicular pain
- Discuss controversial therapies and compare these treatments with traditional interventional treatments regarding patient care
- Demonstrate a skill for performing the spinal procedures discussed in the lectures and workshops
- Identify the risks and benefits of each procedure, as well as prevention, assessment, and treatment of potential complications

Lumbar Techniques will include:

- Fluoroscopic Anatomical Needle Placement
- Caudal / Interlaminar Epidural Access
- Sacroiliac Joint Injections
- Sympathetic Injections
- Intraarticular Zygapophysial Joint/Medial Branch Block
- S1 Transforaminal Epidural Injections
- L4 & L5 Transforaminal Epidural Injections

Lectures and Didactic Stations will include:

- Spinal Anatomy
- Radiological Imaging
- Indications and Techniques
- Case Presentations
- Complications & Management

**ISIS bio-skill workshops are created to enhance physician understanding of the complexity of performing these procedures. ISIS advises participants to continue to have proctoring, mentoring and additional experience prior to treating patients.**

## course description

This **17-hour** rigorous workshop on lumbar procedures provides lectures, group didactics, hands-on-bio-skills training, and Q&A time to provide a full understanding of patient care. Utilizing experienced faculty from multiple disciplines, the course's unique organizational protocol provides an intimate and continuous opportunity for participants to improve their knowledge of patient selection, relevant techniques and outcome.

**Participants are encouraged to familiarize themselves with the ISIS Practice Guidelines prior to attending the course.**

## registration information

ISIS membership is required prior to registration. Participants who are confirmed into this workshop will receive notice by email. If you do not receive a confirmation, please contact the ISIS office. All applications are accepted on a first come, first serve basis (online, fax & mail) until the course is full. In the event that a registration is received after the workshop is filled, registrants will be placed on a waiting list in case there are cancellations.

ISIS requires a 14-day cancellation notice prior a course to receive a refund less a \$100 administrative fee. Cancellation less than 14 days prior to a course will result in forfeiture of all fees. Additional \$150 fee may apply for course materials.

ISIS reserves the right to cancel this workshop upon reasonable notice and will assume no financial obligation to registrants for cancellation of the course for reasons beyond its control. Registration fees will be refunded, however, costs incurred by the registrants such as airline or hotel fees or penalties, are the responsibility of the registrants.

## Americans with Disabilities

ISIS only contracts with facilities that are in compliance with the Americans with Disabilities Act. Please call us at least 90 days prior to your arrival if you have special needs or dietary limitations that we can address to make your participation more enjoyable.



# workshop agenda

## Friday, April 23

*Friday Lectures are held at the Mandalay Bay Hotel & Casino*

12:00 pm	Registration / Light Lunch
12:30	Lecture <i>Anatomy of the Lumbar Spine</i>
	Lecture <i>Radiological Imaging of the Lumbar Spine</i>
2:30	Break
2:45	Lecture <i>Indications and Techniques</i>
	Lecture <i>Contrast, Risks, Radiation Safety and Complications</i>
4:45	Q&A
5:45	Adjourn

## Saturday, April 24

*Workshop held at the Oquendo Center*

7:00 am	Shuttle departs from the Mandalay Bay Hotel & Casino to Oquendo Center
7:30	Continental Breakfast
8:00	<b>6 Groups of 8 Attendees C-Arms/Cadavers</b> Correct C-arm set-up; visualize targets, needle craft discussed in regards to needle bending and control. C-arm use; parallax, magnification, pulsed fluoro, low dose fluoro, collimation, radiation safety. Discussion on lumbar anatomy, significant anatomical structures will be identified. Obtain true AP and lateral view.
10:30	Break
11:00	<b>Bio-skills lab in one hour rotations</b>
1:00 pm	Lunch
2:00	<b>Bio-skills lab in one hour rotations</b>
5:00	Course adjourns
6:00	Reception at the Mandalay Bay Hotel & Casino
6:30	Q&A with faculty during reception. Attendees may bring cases for discussion. (Max 1hr CME)
8:00	Adjourn

## Sunday, April 25

*Workshop held at the Oquendo Center*

7:00 am	Shuttle departs from the Mandalay Bay Hotel & Casino to Oquendo Center
7:30	Continental Breakfast
8:00	<b>Bio-skills lab in one hour rotations</b>
11:00	Q&A with all Faculty
11:30	Course adjourns One shuttle departs Oquendo Center for the Mandalay Bay Hotel & Casino. The second shuttle departs Oquendo Center for Las Vegas McCarran International Airport (LAS).

## continuing medical education

The International Spine Intervention Society is accredited by the *Accreditation Council for Continuing Medical Education* to provide continuing medical education for physicians.

The International Spine Intervention Society designates this educational activity for a maximum of **17 AMA PRA Category 1 credit(s)**<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

## course director

**Michael Whitworth MD**  
Columbus IN

## instructors

**John Carrino MD**  
Baltimore MD

**Isaac Cohen MD**  
Stamford CT

**Thomas Costello DO**  
Fairless Hills PA

**Rod Jones MD**  
Wichita KS

**Steven Levine MD**  
Carmel IN

**Michiel Schepers MD**  
Delden Netherlands

**Claire Tibiletti MD**  
Tyler TX

**Bill Wilson MD**  
La Mesa CA

## program organizer

**Jared Wasowicz**  
jared@spinalinjection.com  
415.724.1377 mobile

## ISIS

161 Mitchell Blvd, Suite 103  
San Rafael, CA 94903  
888.255.0005 toll free in US  
415.457.4747 office  
415.457.3495 fax  
www.spinalinjection.com

## registration form

Complete and return this form with payment of \$2500 via fax, mail or go online to register at [www.spinalinjection.com](http://www.spinalinjection.com). Military/Fellows/Residents contact the ISIS office for a reduced rate of \$1250 (limit 10).

ISIS needs your valid email address, please write it clearly in the box provided.

This course offers 17 AMA PRA  
Category 1 credit(s).

Phase 1 Lumbar Bio-Skills Lab is the prerequisite to participate in any additional ISIS bio-skills lab courses.

last name	
first name	
specialty	degree

check #	
visa/mc/amex	
exp date	3-digit code
signature	

address
city
state
zip code
phone
fax
e-mail

### hotel accommodations

Hotel accommodations should be arranged at the **Mandalay Bay Hotel & Casino** 3950 Las Vegas Blvd S., Las Vegas NV 89119 **702.632.7000** or **877.632.7000**. A rate of \$159 single/double is available for those who identify themselves as ISIS course participants. Hotel reservation cut-off date is **Tuesday, March 23, 2010**.

### facility

**Oquendo Center**  
2425 East Oquendo Road  
Las Vegas, NV 89120  
866.800.7326 / [www.wvc.org](http://www.wvc.org)

### transportation

Upon arrival at the Las Vegas McCarran International Airport (LAS), please arrange your own ground transportation to the hotel. ISIS provides bus transportation between the Mandalay Bay Hotel & Casino and Oquendo Center. See course agenda for shuttle times.

### Workshop Materials

The ISIS Phase 1 Lumbar course is designed for all skill levels and targets physicians who need the fundamentals of anatomy, imaging and lumbar technique training. Therefore more educational material will be disseminated for this course. When you are confirmed, you will be mailed the following materials to be reviewed prior to the workshop; ISIS Practice Guidelines – Spinal Diagnostic & Treatment Procedures, Clinical Anatomy of the Lumbar Spine and Sacrum by Nikolai Bogduk and Lumbar Procedural CDR. If you cancel the course a non-refundable materials fee of \$150 will be deducted from the refund amount.

### in-kind commercial support:

GE Healthcare  
Kimberly-Clark / Ballard Medical  
Philips Medical Systems  
Siemens Medical Imaging  
Ziehm Imaging Inc

All applications will be accepted on a first come, first serve basis (via online, fax & mail) until the course is full. Registrants will be confirmed via email. If you do not receive a confirmation, please contact our office. Do not book hotel accommodations or airfare until you are confirmed into the course. ISIS accepts no responsibility for airfare or accommodations that must be cancelled.

Questionnaires regarding the course, which will be sent to you in an email, must be completed online in order to receive proper CME credit for the course.

ISIS is a non-profit medical society. Revenues from this and all meetings are used for future ISIS research and educational endeavors.

### Disclosure

It is the policy of ISIS to plan and implement educational activities in accordance with ACCME's Essential Areas and Policies to ensure balance, independence, objectivity, and scientific rigor. All program faculty and planners are required to disclose any relevant financial relationships they may have or have had within the last 12 months with commercial interests whose products or services are related to the subject matter of the presentation. Any real or apparent conflicts of interest must be resolved prior to the presentation. Disclosure information will be made available to attendees at the meeting. Faculty will also be expected to disclose this information to the audience verbally and on introductory slides at the beginning of each presentation. Faculty is also required to inform program participants if any unlabeled uses of products regulated by the Food and Drug Administration will be discussed.



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