

Indiana Spine Group
Fifth Annual Spine Symposium

BACK TALK

A Comprehensive Review and Practical
Approach to Spinal Diagnosis and Treatment



Sitting left to right – *Kenneth Renkens, M.D., F.A.C.S., Rick Sasso, M.D., and Kevin Macadaeg, M.D.* Standing left to right – *Paul Kraemer, M.D., Jonathan Gentile, M.D., John Arbuckle, M.D., and Thomas Reilly, M.D., F.A.C.S.*

Indiana Spine Group is a Center of Excellence for spine care. From the simple to the complex, **Indiana Spine Group** provides comprehensive spine care for all spinal disorders. We provide a complete continuum of spine care, from diagnosis and a focused nonoperative spine care program to complex spine surgery. Our comprehensive board certified physician team includes minimally invasive spine specialists and spine surgeons.

St.Vincent Hospital and Health Care System is a co-provider of Back Talk. St.Vincent Health is dedicated to the Spirit of Caring, guided by core values that reflect our commitment to quality, compassion and affordability in healthcare. St.Vincent Health is a member of Ascension Health, the nations largest not-for-profit Catholic Healthcare System.

LUMBAR VERTEBRAE



Spinal Diagnostics & Therapeutics

Kevin E. Macadaeg, M.D. | Jonathan P. Gentile, M.D.
John W. Arbuckle, M.D.

Spine Surgery

Rick C. Sasso, M.D. | Kenneth L. Renkens, M.D., F.A.C.S.
Thomas M. Reilly, M.D., F.A.C.S. | Paul E. Kraemer, M.D.

www.indianaspinegroup.com

BACK TALK

A Comprehensive Review and Practical Approach to Spinal Diagnosis and Treatment

Back and neck pain continue to be major medical issues, and one of the main reasons people visit their physician. According to the National Institutes of Health, back pain affects eight out of ten people at some point in their lifetime. Additionally, back pain is one of the leading causes of disability in Americans under 45 years of age.

To address this ongoing issue, Indiana Spine Group is hosting the fifth annual spine symposium Back Talk. This symposium will highlight the latest, evidence-based clinical information on the diagnosis and treatment of spinal abnormalities and disorders. Back Talk will feature general and concurrent sessions, and new this year are clinical and cadaver workshops.

Join us, and learn the latest on this ongoing issue to effectively treat your patients. Back Talk is designed for physicians and health care practitioners that diagnose and treat patients with spinal disorders.

After attending this spine symposium, conference participants will be able to:

- Perform a comprehensive diagnostic examination and evaluation of patients that present with back and neck pain, including the identification and etiology of abnormal spinal anatomy and conditions, and the effects of the degenerative cascade of the spine.
- Identify the diagnostic indicators and treatment options of patients with common and uncommon spinal disorders and abnormalities with a thorough understanding of nonoperative, minimally invasive and operative treatment options, and the clinical indications of selected treatments.
- Discuss overall spinal health and wellness with an understanding of the role and importance of lifestyle and other wellness factors, e.g. diet and exercise, and the recommended prevention and screening guidelines.
- Review case studies of common spinal disorders and abnormalities, and discuss indications of imaging studies and diagnostic procedures, appropriate treatment protocols, clinical indicators and expected outcomes.
- Highlight the latest research, emerging treatment options and technology in spinal care with its applicability to the patient care model.

CONFERENCE AGENDA

November 11, 2011 | FRIDAY

Renaissance Indianapolis North Hotel | Carmel, Indiana

7:00 a.m. – 7:50 a.m. **Registration, Continental Breakfast and Exhibits**

7:50 a.m. – 8:00 a.m. **Welcome and Announcements**

NUTS AND BOLTS OF SPINAL DIAGNOSIS & DISORDERS

Accurate assessment and diagnosis are essential to the effective treatment of spinal problems and disorders. The following sessions will highlight key issues and steps critical to spinal diagnosis.

8:00 a.m. – 8:20 a.m. **Spinal Anatomy**

This session will:

- Differentiate between normal and abnormal spinal anatomy.
- Highlight the degenerative cascading process of the spine.

Jonathan Gentile, MD

8:20 a.m. – 8:40 a.m. **Diagnostic Pearls**

Attendees of this session will be able to:

- List the critical components of the patient's history and physical exam.
- Discuss essential elements of the diagnostic work-up, identifying the warning signs and red flags.

John Arbuckle, MD

The following sessions will utilize case studies as evidence-based diagnostic and clinical guidelines are discussed for common and uncommon spinal disorders, and diseases of the bones. For each session, symptoms, clinical indicators and testing essential to diagnosis will be discussed. Attendees of the following sessions will be able to:

- Recognize pertinent symptoms, clinical indicators and the red flags of common and uncommon spinal disorders, addressing mechanical problems, acquired conditions and diseases, infections/tumors and endocrinological disorders.
- Understand the diagnostic triage and testing recommendations utilized in the evaluation of spinal pain and disorders.
- Review imaging studies and test results, and understand treatment indications.

8:40 a.m. – 9:20 a.m. **Common Spinal Disorders**

This session will highlight common spinal disorders to include herniated discs, degenerative disc disease, spondylolisthesis, spondylosis, spinal stenosis and more.

Kevin Macadaeg, MD

9:20 a.m. – 9:50 a.m. Disorders of the Bones

Diseases and conditions that will be discussed in this session will include osteomalacia, Paget's disease, spinal arthritis and osteoporosis.

Rashid Khairi, MD, FACP, FACE

9:50 a.m. – 10:20 a.m. Uncommon and Benign Spinal Disorders

This session will discuss uncommon and benign spinal disorders such as infections and vascular disorders.

Kenneth Renkens, MD, FACS

10:20 a.m. – 10:40 a.m. Exhibits and Refreshments

10:40 a.m. – 11:20 a.m. The Role of EMG

Dependent upon the symptoms, one important diagnostic tool in the evaluation of spinal disorders and pain is electromyography. This session will:

- Explain the role and clinical indications of EMG in the diagnosis of cervical and lumbar radiculopathy, and highlight EMG's diagnostic abilities and limitations.
- Discuss how EMG is utilized to differentiate between radiculopathy, peripheral neuropathy and mononeuropathy.

Larry Lett, MD

11:20 a.m. – 12:05 p.m. Keynote Address | *Josh Bleill*

One Step at a Time



On October 15, 2006, Marine Corporal Josh Bleill's life was forever changed. While conducting combat patrols in Fallujah, the Humvee he was riding in was struck by an IED. Two fellow marines lost their lives, one lost a leg, and Josh lost both of his legs. After being stabilized in Germany, he was sent to Bethesda, Maryland, where he underwent extensive surgeries and rehabilitation.

Josh's next stop in his rehabilitation was Walter Reed Medical Center. While there, he had the opportunity to meet Indianapolis Colts players and owner Jim Irsay. Deeply impressed, Mr. Irsay told Josh to see him about a job when he returned home. One of the first recipients in the world to have a pair of prosthetic legs with Bluetooth technology, Corporal Bleill moved back to Indiana in 2008. He did see Mr. Irsay about a job, and today Josh is a community spokesperson for the Indianapolis Colts. Conference attendees will hear Josh's story as he talks about his active duty experience, injuries, recovery, his life today, and taking one step at a time.

12:05 p.m. – 1:10 p.m. Lunch and Exhibits

SPINAL THERAPEUTICS & SURGERY

Once a diagnosis is made, there are many treatment options for patients – medical management, minimally invasive treatment options or spine surgery. The following lectures will provide highlights of spinal treatments available, treatment indicators and expected outcomes.

These sessions will:

- Discuss spinal diagnoses appropriate for nonoperative and minimally invasive spinal therapies.
- Identify common noninvasive and minimally invasive spinal treatment options, including their clinical indicators and expected outcomes.
- Review surgical indications and pathology appropriate for spinal surgery, including spinal trauma and degenerative diseases.
- List common cervical and lumbar surgical procedures, their applications and expected outcomes, including spinal fusions, decompression and disc replacement.

1:10 p.m. – 1:40 p.m. Nonoperative & Noninvasive Therapies | *Jonathan Gentile, MD*

1:40 p.m. – 2:10 p.m. Minimally Invasive Therapies | *Kevin Macadaeg, MD*

2:10 p.m. – 2:40 p.m. Common Surgical Procedures | *Thomas Reilly, MD, FACS*

2:45 p.m. – 3:25 p.m. **Concurrent Sessions One**

1. Spinal Therapeutics | An In-Depth Look

This session will provide a more detailed look at treatment modalities available, and will:

- Review nonoperative therapies and discuss their indications and effectiveness, including TENS, physical therapy and therapeutic exercise.
- Provide an in-depth look at selected minimally invasive treatments, their indications and expected outcomes. Procedures to be discussed include spinal injections, percutaneous discectomy, rhizotomy, IDET and nucleoplasty.
- Evaluate patient histories and diagnostic/testing results, to understand indications for specific therapeutic applications.

John Arbuckle, MD, and Adam Ebbert, PT

2. A Practical Assessment | The Patient Exam

This interactive workshop will provide an in-depth look at the patient exam and will utilize a live-model to discuss common patient complaints seen and evaluated in the primary care setting. Both the lumbar and cervical patient exam will be addressed.

This session will:

- Differentiate between patient complaints and testing/exam results to effectively utilize clinical algorithms in the diagnostic triage and next steps of treatment of patients suffering from back and/or neck pain.
- Demonstrate necessary documentation specific to patient complaints, diagnostics and treatment.

Alta Skelton, RN, MSN, NP-C, and Jodi Hettermann Blume, PA-C

3:25 p.m. – 3:45 p.m. **Exhibits and Refreshments**

3:50 p.m. - 4:30 p.m.

Concurrent Sessions Two

3. The Failed Back

Patients with ongoing back pain following surgery can be a challenge to physicians. To better understand failed back syndrome, also called post-laminectomy syndrome, session attendees will be able to:

- Diagnose failed back syndrome, identify the contributing factors, and the underlying causes of ongoing pain.
- Understand the medical and interventional treatments for failed back syndrome, and the clinical applications of identified treatments and expected outcomes.
- Discuss the indications for salvageable surgery, with outcome predictors.

Jonathan Gentile, MD, and Thomas Reilly, MD, FACS

4. Insights & Myths | Spine Surgery

There are many theories about spine surgery – what, when and why. In this session, a spine surgeon will address these issues. Participants will be able to:

- Discuss evidence-based research documenting surgical indicators and outcomes, including the Spine Patient Outcomes Research Trial (SPORT) results.
- Understand patient selection criteria for surgical patients.
- Address common misperceptions of spine surgery, including age appropriateness, rest requirements, postoperative pain and bracing.

Paul Kraemer, MD

4:35 p.m. – 5:05 p.m.

Evolution of Spine Treatments

Spine treatments and surgery are continuously evolving, utilizing newer technology and research, while improving patient outcomes. This session will address recent developments and will:

- Discuss the latest developments in spine treatment and surgery.
- Review current literature and research results of the latest spine technology.

Rick Sasso, MD

5:05 p.m. – 5:55 p.m.

Grand Rounds

This session will review case studies to highlight common complaints and problems seen in the primary care setting. A multidisciplinary panel will discuss their approach to patient management – assessment, diagnostics and treatment. This panel will include a minimally invasive spine specialist, spine surgeon, family practitioner and chiropractic physician. Conference attendees may send in patient cases to be discussed prior to the conference. (Information for submitting case studies will be provided with confirmation).

Attendees of this panel discussion will be able to:

- Understand the rationale for the diagnostic and treatment algorithms of common patient complaints related to the neck and spine.
- Discuss treatments and expected outcomes of spinal patients from different treatment perspectives and modalities, including primary care and surgical settings.

Panel members include *John Arbuckle, MD; Paul Kraemer, MD; Curt Ward, MD, MBA, FAAFP; and Nate Blume, DC. Discussion to be facilitated by Kenneth Renkens, MD, FACS.*

5:55 p.m. - 7:15 p.m.

Cocktail Reception and Exhibits

7:00 a.m. - 7:45 a.m. Registration and Continental Breakfast

7:45 a.m. – 8:35 a.m. Concurrent Sessions Three

5. The View | Surgical versus Nonsurgical Perspectives

Generally, there is more than one treatment option for a specific spinal diagnosis, and this session will provide two viewpoints via a debate between a minimally invasive spine specialist and spine surgeon. During this debate, the differentiation between nonsurgical and surgical treatment alternatives for patients that present with back and neck pain will be highlighted. Additionally, the clinical indications, benefits, and limitations of spinal therapeutics and surgery will be discussed.

Rick Sasso, MD, and Kevin Macadaeg, MD | Facilitator: John Arbuckle, MD

6. In-Depth | Chiropractic Care

An essential component of chiropractic care is spinal manipulative therapy. This session will provide a look at spinal manipulation, and will review current chiropractic research highlighting the applications and efficacy of spinal manipulation. Additionally, the different spinal manipulation techniques utilized in the treatment of spinal diagnoses, indications and expected outcomes will be discussed, including the yellow and red flags.

Tony Origer, DC, ATC

7. The Wellness Factor

Research has documented the importance of a healthy lifestyle as a key factor in overall spine health. This session will identify lifestyle and genetic factors that affect overall spinal health as well as their role in the patient's predisposition to specific conditions. The importance and role of nutrition in overall spine health, with recommendations to address specific spine related issues and life stages will be discussed. This session will also review how to develop a patient education plan that addresses overall spine health, while addressing specific spinal diagnoses/conditions.

Alta Skelton, RN, MSN, NP-C, and Lori Petrie, RD

8:40 a.m. – 9:35 a.m. Concurrent Sessions Four

8. The Aging Spine | Osteoporosis and Osteoarthritis

According to the National Osteoporosis Foundation, it is estimated that ten million Americans have osteoporosis and that 34 million more have low bone mass. A common issue addressed in the primary care setting – osteoporosis, as well as osteoarthritis – both common to the aging population. This session will provide the latest information and will address clinical guidelines for the screening and diagnosis of osteopenia and osteoporosis, as well as review the role of FRAX and other risk assessment tools for fractures. Medications, their clinical indications, contraindications and the latest research will be reviewed. Additionally, conditions/diseases that precipitate osteopenia and osteoporosis as a secondary diagnosis will be highlighted. This session will also address spinal arthritis – symptoms, diagnostic triage and treatment indicators.

Michael Stack, MD, PhD

9. Spine Mimickers

The saying “*imitation is the sincerest form of flattery*” may be true, except when it comes to diagnosing spinal conditions it may be frustrating. In this case, knowledge is critical. This session will provide the tools to help diagnose other conditions that present as back pain. Attendees will be able to recognize when back pain is a symptom of a nonspinal condition/medical problem. Additionally, they will be able to list medical conditions that present as back or shoulder/neck pain, with an understanding of the clinical indicators, symptoms and red flags.

Paul Kraemer, MD

10. Get Physical – With Back Pain

Therapeutic exercise is an important component of the treatment of back pain. Active forms of back exercise are necessary for rehabilitation and can help to alleviate back pain. This session will review the role of exercise in minimizing and preventing back pain and problems. Additionally, types of exercises will be highlighted and demonstrated that should be employed as a part of a patient education program for overall spine health, as well as exercises appropriate for specific patient populations and diagnoses.

Adam Ebbert, PT

9:40 a.m. – 10:35 a.m. Concurrent Sessions Five

11. Psychological Perspectives

It has been documented that chronic pain can lead to depression and other psychological issues. As a practitioner, it is not only important to treat the pain but to recognize and treat coexisting conditions resulting from the pain. Gain a better understanding of this dynamic relationship between back pain and depression, and how to determine if back pain is the cause or effect of depression. This session will provide guidelines to identify patients who present with back and neck pain that have psychological issues, by utilizing a practical assessment and identification of risk factors with an understanding of referral indicators. Additionally, this session will address how psychological issues can impair the effectiveness of treatments for back pain.

Christopher Bojrab, MD

12. The Growing Spine | Tweens and Teens

This session focuses on the younger patient, and will address the anatomical differences between the adult and adolescent spine, developmental milestones as well as the effects of childhood obesity on the overall long-term health of the spine. This session will identify common and uncommon causes of back pain in children and teens, with a review of the symptoms and clinical indicators for spinal diagnosis. Additionally, attendees of this session will review the screening recommendations and initial treatments for scoliosis, including a review of the indications for surgery with expected outcomes.

Rick Sasso, MD

13. Options | Vertebral Augmentation

The incidence of vertebral compression fractures (VCF) is increasing, due to the aging population. It is estimated that approximately 700,000 VCFs occur annually, greatly diminishing the patient's quality of life. This session will look at one common treatment for VCFs – vertebral augmentation. It will review the criteria for patient selection and expected outcomes of vertebral augmentation, and discuss when vertebral compression fractures are not amendable to nonoperative treatments. Additionally, the differentiation between vertebroplasty, kyphoplasty and sacroplasty; including clinical guidelines, procedure overviews and expected outcomes will be discussed.

Kevin Macadaeg, MD, and John Arbuckle, MD

10:35 a.m. – 10:55 a.m. Refreshment Break

11:00 a.m. – 11:55 a.m. Concurrent Sessions Six

14. The Medicine Cabinet

The medical management of back and neck pain is a common practice. But prescribing the right medication(s) may not be as straight forward. This session will differentiate between the classifications of medications utilized to treat back pain, including anti-inflammatories, opioids, corticosteroids and non-opioids; and highlight their efficacy, indications, limitations and contraindications. Additionally, attendees will be able to identify and differentiate between medications prescribed for neuropathic pain. Reviewing current literature, attendees will understand the controversies and long-term effects of narcotics for the treatment of chronic back pain; as well as their negative impact on psycho-social functioning, such as returning to work and addiction.

Dane Shiltz, PharmD, BCPS

15. The Surgical Patient

An essential component to surgery is the pre- and post-operative planning and assessment. This session will address guidelines for the pre- and post-operative assessment and care of the spine surgery patient; with an understanding of the importance of comorbid conditions and concomitant medications, as well as differentiating between normal post-operative complaints and complications. Additionally, pre- and post-operative patient education components will be discussed; highlighting expectations, care and recovery.

Alta Skelton, RN, MSN, NP-C, and Jodi Hettermann Blume, PA-C

16. Spinal Navigation | A Cadaver Workshop

This new cadaver workshop will demonstrate the mechanics of spinal navigation utilized in spine surgery. Attendees of this conference will gain an understanding of the basic concepts of spinal navigation. Additionally, during this workshop there will be a discussion of the indications, applications and advantages of computer-assisted spinal navigation.

Rick Sasso, MD, and Kenneth Renkens, MD, FACS

12:00 p.m. –12:55 p.m. Concurrent Sessions Seven

17. Minimal & Interventional Highlights | A Cadaver Workshop

This cadaver workshop will focus on minimally invasive and interventional procedures. Physicians will demonstrate vertebroplasty, and discuss the indications and techniques utilized. Additionally, they will demonstrate various spinal injections with a discussion of their indications and efficacy.

Kevin Macadaeg, MD, and Jonathan Gentile, MD

18. Understanding Whiplash

It is estimated that approximately two million Americans annually suffer from whiplash. Also called neck strain/sprain, it is generally thought that whiplash is a result of a car accident. Although this is the most common cause of whiplash, this hyperextension or hyperflexion can also occur from a sports injury, a fall or any other activity that causes this type of movement. To more accurately diagnose whiplash, this session will describe the mechanics, diagnostic triage and warning signs of whiplash, as well as address whiplash associated disorders. The degenerative changes and biomechanical effects of whiplash will be reviewed. Treatment protocols, therapies, surgical interventions and expected outcomes for whiplash will also be discussed.

Thomas Reilly, MD, FACS

19. A Road Map | Worker's Compensation

Back injuries in the workplace are a prevalent problem. It is estimated that back injuries account for one out of every five injuries/illnesses in the workplace, according to the Bureau of Labor Statistics. Attendees of this session will gain a greater understanding of the impact of common back injuries in the workplace. Additionally, the criteria and process for worker's compensation claims, including both medical and claims guidelines will be reviewed.

Effie Lewin, RN, CCM, AIC

12:55 p.m.

Symposium Adjourns

PHYSICIANS

American Academy of Family Physicians

This activity, Back Talk: A Comprehensive Review and Practical Approach to Spinal Diagnosis and Treatment with a beginning date of November 11, 2011, has been reviewed and is acceptable for up to 11.75 Prescribed credits by the American Academy of Family Physicians.

Indiana State Medical Association St.Vincent

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Indiana State Medical Association (ISMA) through the joint sponsorship of St.Vincent Hospital and Health Care Center Inc. and the Indiana Spine Group. St.Vincent Hospital and Health Care Center Inc. designates this live educational activity for a maximum of 11.75 AMA PRA Category 1 Credits(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

As a sponsor accredited by the Indiana State Medical Association, St.Vincent Hospital must insure balance, independence, objectivity, and scientific rigor in all sponsored educational programs. All faculty participating in these programs must complete a disclosure statement indicating any real or apparent conflict(s) of interest that may have a direct bearing on the subject matter of the continuing education program. This pertains to relationships with pharmaceutical companies, biomedical device manufacturers, or other corporations whose products or services are related to the subject matter of the presentation topic.

American Osteopathic Association

Osteopathic physicians can receive up to 11.75 Category 2 credits from the American Osteopathic Association.

NURSES

Indiana State Nurses Association

Nurses attending this conference can earn up to 12.4 CNE continuing education contact hours.

St.Vincent Hospital and Health Care Center, Inc., Indianapolis IN (ISNA No. CNEP-10-10, 12/1/2013) is an approved provider of continuing nursing education by the Indiana State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

NURSE PRACTITIONERS

American Academy of Nurse Practitioners

This program is approved for 11.67 contact hours of continuing education by the American Academy of Nurse Practitioners. Program ID 1102062. This program was planned in accordance with AANP CE Standards and Policies and AANP Commercial Support Standards.

CHIROPRACTIC PHYSICIANS

Chiropractic physicians in Indiana, Ohio, Kentucky and Illinois can earn up to 13.0 continuing education credit hours, sponsored by Logan College of Chiropractic.

CASE MANAGERS

This program is approved by the Commission for Case Manager Certification for 11.75 clock hours. Sponsor Code CM1795 and approval number CM1795-A202.

RADIOLOGY TECHNOLOGISTS / TECHNICIANS

This seminar has been approved by the American Society of Radiologic Technologists for up to 2 category A credits and up to 11.5 category A+ credits.

Conference Faculty

John Arbuckle, MD
Nate Blume, DC
Jodi Hettermann Blume, PA-C
Christopher Bojrab, MD
Adam Ebbert, PT
Jonathan Gentile, MD
Rashid Khairi, MD, FACP, FACE
Paul Kraemer, MD
Larry Lett, MD
Effie Lewin, RN, CCM, AIC

Kevin Macadaeg, MD
Tony Origer, DC, ATC
Lori Petrie, RD
Thomas Reilly, MD, FACS
Kenneth Renkens, MD, FACS
Rick Sasso, MD
Dane Shiltz, PharmD, BCPS
Alta Skelton, RN, MSN, NP-C
Michael Stack, MD, PhD
Curt Ward, MD, MBA, FAAFP

Conference Planning Committee

Kevin Macadaeg, MD, *Co-Chairman*
Rick Sasso, MD, *Co-Chairman*
Curt Ward, MD, MBA, FAAFP
Karen Busse, MS

Joyce Dobson, MPA, *St. Vincent, Manager, Medical Education*
Melissa Hardin, RN, BSN, ONC
Alta Skelton, RN, MSN, NP-C

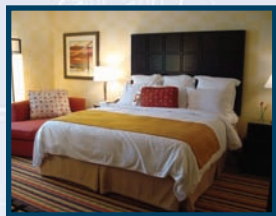
Conference Location

On Friday the conference will be held at the **Renaissance Indianapolis North Hotel**, located in Carmel, Indiana at 11925 N. Meridian Street.



On Saturday, the conference will be held at the new **Medical Academic Center**. This conference center is located within the new Indiana Spine Group building, just north of the Renaissance at 13225 N. Meridian Street, Carmel, Indiana 46032.

Hotel Reservations



A block of rooms has been reserved at the **Renaissance Indianapolis North Hotel** for conference attendees convenience. The special conference rate is \$129 (plus applicable taxes). To receive this special conference rate, please make your reservation by October 28.



For reservations call (866) 905-9619, and ask for the Indiana Spine Group / Back Talk conference rate.

The Renaissance is located just north of Indianapolis in Carmel, Indiana. Reflecting the vibrancy of the area, the Renaissance is inspired by the neighboring Carmel Arts & Design District, boasting a modern, energetic design with creative spaces that blend unique style with advanced technology. The Renaissance offers a smoke-free environment, spacious guest rooms and many amenities including a business center, full-service restaurant, fitness center, heated pool, free parking and more. Conveniently located on the Meridian corridor, shopping and restaurants are just minutes away at Clay Terrace.

Sponsors

Back Talk has received educational grants and sponsorships from the following organizations:

SILVER LEVEL

Elite Medical Solutions
Globus Medical, Inc.
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MD News
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Somerset CPAs, P.C. – Health Care Team
SPG Graphics

List as of 5/12/2011

Exhibitors

Adrian Medical
Anulex Technologies, Inc.
Baxter BioSurgery
Biomet Spine
DePuy Spine
DeRoyal Orthopedics
Eli Lilly and Company
Elite Medical Solutions
Globus Medical, Inc.
K2M, Inc. | CCM Partners, LLC
Medtronic Neuromodulation
NeuroTherm
Northwest Radiology Network, P.C.
OrthoFix, Inc.
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Rapp Medical Systems, Inc. | Medtronic Spinal & Biologics
Rehabilitation Hospital of Indiana
Stryker Interventional Spine
Stryker Spine | Navigation
St.Vincent Carmel Orthopedic Services
SYNTHES Spine

Conference Registration

To register, simply complete the attached registration form. To receive an early registration discount, register by September 30. Your registration fee includes educational materials, continental breakfasts, refreshment breaks, lunch, and the cocktail reception. For more than one registration per office, please copy the registration form.

Full refunds will be issued if a written cancellation request is received by October 11. Please fax this request to (317) 228-9029. Due to financial obligations incurred by Indiana Spine Group, no refunds will be issued after October 11,

For More Information

For more symposium information, please visit our web site www.indianaspinegroup.com and select the Back Talk icon, or call (317) 228-7000 or toll-free (866) 947-7463.

Name _____

MD DO DC NP PA RN PT Other: (Please specify) _____

Practice Name _____

Mailing Address _____ Suite _____

City _____ State _____ Zip Code _____

Daytime Phone () _____ E-mail _____

SPECIAL INTEREST SYMPOSIUMS

(Note: If you are attending the conference for one day only, please only select sessions for the appropriate day. Please select one topic for each session, unless otherwise noted.)

FRIDAY CONCURRENT SESSIONS

Concurrent Sessions One

- 1. Spinal Therapeutics | An In-Depth Look
- 2. A Practical Assessment | The Patient Exam

Concurrent Sessions Two

- 3. The Failed Back
- 4. Insights & Myths | Spine Surgery

SATURDAY CONCURRENT SESSIONS

Concurrent Sessions Three

- 5. The View | Surgical vs Nonsurgical Perspectives
- 6. In-Depth | Chiropractic Care
- 7. The Wellness Factor

Concurrent Sessions Four

- 8. The Aging Spine | Osteoporosis and Osteoarthritis
- 9. Spine Mimickers
- 10. Get Physical – With Back Pain

Concurrent Sessions Five

- 11. Psychological Perspectives
- 12. The Growing Spine | Tweens and Teens
- 13. Options | Vertebral Augmentation

For the following sessions, please indicate your first and second choices.

Concurrent Sessions Six

- ___14. The Medicine Cabinet
- ___15. The Surgical Patient
- ___16. Spinal Navigation | A Cadaver Workshop

Concurrent Sessions Seven

- ___17. Minimal & Interventional Highlights | A Cadaver Workshop
- ___18. Understanding Whiplash
- ___19. A Road Map | Worker's Compensation

Registration - Please select appropriate option(s)

- Early Registration \$ 115 (if returned by 9/30)
- Registration \$ 135
- Friday Only \$ 85
- Saturday Only \$ 50
- Chiropractic Physicians Only \$ 35 *Additional cost for administrative/processing fee for CEs. If no CEs desired, fee is waived.*

TOTAL \$ _____

Do you plan on attending the Friday evening social hour? Yes No

**Early registration is encouraged,
space is limited.**

Please make check payable to:
Indiana Spine Group
Please return registration form
by November 4, 2011.

**Please return your registration form with payment to:
Indiana Spine Group | Attn: Back Talk | 13225 N. Meridian St. | Carmel, IN 46032**

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Indianapolis, Indiana 46260
www.indianaspinegroup.com

Register Today!

Fifth Annual Spine Symposium