

Current Techniques in the Treatment of Cranial and Spinal Disorders



SATURDAY, OCTOBER 10, 2015
OMNI INTERLOCKEN RESORT, BROOMFIELD, COLORADO

12TH ANNUAL SYMPOSIUM

Current Techniques in the Treatment of Cranial and Spinal Disorders

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OMNI INTERLOCKEN RESORT
BROOMFIELD, COLORADO

A conference for orthopedic spine surgeons, neurosurgeons, neurologist, physical medicine and rehabilitation physicians, pain management physicians, primary care physicians, physician assistant, residents, fellows, nurses, physical therapists and other health care providers interested in the most innovative technologies and the latest evidence-based clinical guidelines in the care of cranial and spinal disorders

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www.jpni.org/educational-programs/jpni-symposium



American
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Neurological
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JUSTIN PARKER
NEUROLOGICAL
INSTITUTE

Disseminating advancements, scientific discoveries and innovative medical technologies to the medical community and into clinical practice

The 12th Annual Symposium, Current Techniques in the Treatment of Cranial and Spinal Disorders, is facilitated by Boulder Neurosurgical & Spine Associates (BNA) and the Justin Parker Neurological Institute (JPNI). The symposium is a one-day extensive seminar that will bring together a diverse panel of experts to discuss the latest advancements and treatment considerations in cranial, neurosurgical and orthopedic spine technology. Topics include: conservative versus surgical management of C2 fractures in the elderly, return to play after cervical spine injuries, operative and non-operative infections, management of cervical and lumbar radiculopathy, deep brain stimulation (DBS), chronic neuropathic pain and the latest and greatest in treating headaches.

JPNI is a fully accredited 501(c)(3) nonprofit organization whose principle purpose is to conduct clinical research and improve clinical outcomes. The mission of JPNI is to advance scientific discoveries and innovative medical technologies into clinical practice by conducting clinical trials in order to implement best practices and disseminate to the medical community. JPNI also provides fellowship and internship opportunities to neurosurgical and orthopedic spine surgeons and students pursuing careers in medicine.



Alan Villavicencio, MD CHAIRMAN OF THE BOARD

Dr. Villavicencio graduated from Harvard Medical School in Boston, MA in 1995 and completed a neurosurgical residency at Duke University and specialty orthopedic spine surgery fellowship at Cedars-Sinai Medical Center. He is one of only a handful of surgeons in the country with dual neurosurgery and orthopedic spine training. Dr. Villavicencio is the Founder and Chairman of the Board for the Justin Parker Neurological Institute.

Howard Wasdin, DC KEYNOTE SPEAKER



Howard Wasdin, DC served in the US Navy for twelve years, nine of which were part of SEAL TEAMS. He became a top sniper with SEAL Team Six and was awarded the Silver Star for gallantry in action against an enemy of the United States, and the Purple Heart for multiple gunshot wounds he sustained in Operation Gothic Serpent in 1993, more commonly known as Black Hawk Down. As a result of his injuries, Howard altered the way he walked to compensate for structural deviations which left him in severe pain and with insomnia. Upon recommendation, Howard sought care from a Chiropractor and after a few adjustments had no neck pain and could sleep through the night. Following his military discharge, Howard went to Chiropractic College and found a new rewarding career in helping others. Howard now lives in Georgia where he is a practicing Chiropractor.



Symposium attendees will receive a complimentary copy of Howard's book *SEAL Team Six: Memoirs of an Elite Navy Seal Sniper*, a New York Times bestseller for 22 weeks. The success of the book spawned an award nominated youth adapted version which is prized for helping encourage reluctant readers. His memoirs have achieved international acclaim with 16 languages currently in print. The sequel, *The Last Rescue: How Faith and Love Saved a Navy SEAL Sniper* was released in October 2014. In addition he has co-authored a fictional series, *SEAL Team Six Outcasts*. His newest title in that series *Easy Day for the Dead* was released on Dec. 31st 2013. Howard also travels the country as a motivational speaker inspiring others to overcome adversity, work as a team, love one another, all while encouraging patriotism and a strengthened faith in God.



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About the Event

Course Description
This live educational activity will review and provide updates on the latest advances in the treatment of cranial neurosurgical and orthopedic spinal issues. Each of the three sessions will provide an intensive, practical review from a panel of experts in the field – with emphasis on evidence-based approaches in the fields of neurosurgery and orthopedic spine technology.

Audience Response System
In order to further promote the educational and interactive environment of our symposium, we will be using an audience response system (ARS) during each of the presentations. Each speaker will pose five multiple choice questions during or at the end of their presentation. Each audience member will have a clicker to respond to the question posed, and we will poll the audience responses in real time and present the results immediately after. The real-time polling will allow for further discussion of the topics and will encourage a stronger interaction between the speakers and attendees.

Learning Objectives
Upon completion of this live activity, participants should be able to:

- 1) Discuss recommendations for treatment of spinal and cranial disorders based on the latest scientific findings and evidence-based clinical practice guidelines.
- 2) Demonstrate an extended understanding of multidisciplinary care in treating patients with cranial and spinal disorders.
- 3) Identify a number of new treatments and innovative technologies that are available for the management of cranial and spinal disorders.

Registration
The registration fee for this live event is \$90 and includes tuition, educational materials including presentations and CVs for all speakers in the form of a binder, CD or online download. A copy of Howard Wasdin's book *SEAL Team Six: Memoirs of an Elite Navy Seal Sniper*. A continental breakfast, lunch, afternoon snack and beverages, are also included. The early registration deadline is Friday October 2, 2015 at 12 a.m. Registration will increase from \$90 to \$100 beginning Saturday, October 3, 2015. Dinner and cocktails are an additional \$30.

How to Register
Online: <http://www.jpni.org/educationalprograms/jpni-symposium>
Phone: Call Sarah Heil at 303.938.5700

Mail registration checks to:
JPNI, Attn: Symposium 2015
4743 Arapahoe Avenue, Suite 202
Boulder, CO 80303
On-site registration is available, but not guaranteed. An email confirmation will be sent upon receipt of payment.

Cancellation Policy
If you cancel your participation in this course, your registration fee will be refunded when written notification is received by JPNI before 5 p.m. Friday, October 2, 2015.

Accreditation/Designation
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the AANS and JPNI. The AANS is accredited by the ACCME to provide continuing medical education for physicians. The AANS designates this live activity for a maximum of **7 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity. All non-physician attendees will be provided with a certificate of attendance that they can submit to their accreditation boards. Please complete the Attendance Verification Form and Evaluation Survey that will be sent via e-mail following the symposium.

AANS Disclosure
Before the program, anyone in control of the educational content of this activity will disclose the existence of any financial interest and/or the relationship they or their significant other have with the manufacturer(s) of any commercial product(s) to be discussed during their presentation. Disclosures will be included in the final program.

Materials

- Check-in at the registration table the day of the symposium to obtain an agenda and to receive a binder or CD including all presentations, as well as doctor CVs and AANS documentation.
- Attendance verification forms will be delivered by electronic survey and must be completed and returned no later than Friday, October 31, 2015 to obtain CME certificates.
- Evaluation forms will be available by electronic survey following the symposium. These are very important and utilized for future planning.

Agenda

TIME	SPEAKER	TOPIC	CME
7:00-7:30am		Continental Breakfast and Registration	
7:30-7:40am	Alan Villavicencio, MD	Welcome	
Morning Session I			2.0
7:40-8:15am	Todd Turner, MD	Infections in the Neurological Patient, Operative and Non-Operative	
8:15-8:55am	David Shafer, MD	Chronic Neuropathic Pain - To Treat or Not to Treat	
8:55-9:35am	Alan Villavicencio, MD	Management of Cervical & Lumbar Radiculopathy	
9:35-10:05am		Break/Exhibition	
Morning Session II			1.75
10:05-10:40am	Matthew Kidd, DO	All You Need to Know & More About Treating Headaches - Latest & Greatest	
10:40-11:15am	Michael Pearlman, MD, Ph.D	Advances in Glioblastoma Treatment	
11:15-11:50am	Kara Beasley, DO	Deep Brain Stimulation - Exciting New Technology & Outcomes	
11:50-12:50pm		Lunch/Exhibition	
Afternoon Session I			2.25
12:50-1:25pm	John Tobey, MD	Return to Play After Cervical Spine Injuries	
1:25-2:00pm	Andrew Bauer, MD, MBA	Contemporary Surgical Management of Acute Intracerebral Hemorrhage	
2:00-2:35pm	E. Lee Nelson, MD	The Argument for Surgical Management of C2 Fractures in the Elderly	
2:35-3:10pm	Sharad Rajpal, MD	The Argument for Non-Surgical Management of C2 Fractures in the Elderly	
3:10-3:40pm		Break/Exhibition	
Afternoon Session II			1.0
3:40-4:40pm	Howard Wasdin, DC	How Elite Teams Get the Job Done	
Conclusion			
4:40-5:00pm	Alan Villavicencio, MD	Adjournment and Closing Remarks	
5:00-8:00pm		Reception and Dinner (Optional)	
		Total Available Credits	7.0

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to pay by check or credit card.
Call: 303.938.5700 to pay by check or credit card.
Mail your check to: JPNI, Attn: Symposium 2015,
4743 Arapahoe Avenue, Suite 202, Boulder, CO 80303.

Faculty and Speakers

Andrew Bauer, MD, MBA
Dr. Bauer received his MD from the University of Missouri-Columbia and his MBA from The George Washington University School of Business. Dr. Bauer is a board-certified neurosurgeon affiliated with The Cleveland Clinic. His research interests include minimally invasive approaches for ICH evacuation, cognitive outcomes of EC-IC bypass for ischemia and outcome research in cerebrovascular surgery.

Kara Beasley, DO, MBe
Dr. Beasley completed a dual degree in medicine with a Masters of Arts in Biomedical Ethics at Midwestern University in Glendale, AZ. She went on to complete a general neurosurgery residency at Philadelphia College of Osteopathic Medicine in Philadelphia, PA. Dr. Beasley is one of the only dually credentialed neurosurgeon bioethicists in the world. She is fully trained as a general neurosurgeon in cranial and spinal trauma, endoscopic and open tumor surgery, radiosurgery, complex disorders of the spine including tumor and degenerative spinal disease and epilepsy surgery and neuromodulation.

Matthew Kidd, DO
Dr. Kidd is a board-certified general neurologist and former US Army Major. He received his Doctor of Osteopathic Medicine degree from Arizona College of Osteopathic Medicine in Glendale. He completed his residency and internship in neurology at the Madigan Army Medical Center in Ft. Lewis, WA. Additionally, he holds an MS in computer science from North Dakota State University in Fargo. Dr. Kidd has a clinical interest in the treatment of headaches and seizures as well as stroke care and the treatment of neuropathy.

E. Lee Nelson, MD
Dr. Nelson received his MD from Baylor College of Medicine and Texas Medical Center in Houston. He has extensive training in the treatment of spinal trauma from the Ben Taub General Hospital. Dr. Nelson also underwent training in the renowned MD Anderson Cancer Center in surgical and non-surgical management of spinal oncology.

Michael Pearlman, MD, Ph.D
Dr. Pearlman received his MD from the University of Colorado School of Medicine and then earned his Ph.D in cancer pharmacology from the University of Texas MD Anderson Cancer Center. He completed fellowships in adult and pediatric neuro-oncology and Phase I clinical trials in oncology and has over 14 years of post-graduate training and extensive clinical and research experience in translational medicine.

Sharad Rajpal, MD
Dr. Rajpal received his MD and neurosurgery training at the University of Wisconsin. He completed a combined orthopedic and neurological surgery spine fellowship at the nationally renowned Cleveland Clinic where he gained experience in the latest techniques in spinal oncology, minimal access surgery and complex spinal deformity.

David Shafer, MD
Dr. Shafer received his MD with honors from Drexel University College of Medicine in Philadelphia, PA, where he was the recipient of multiple academic awards. He then proceeded to train in neurosurgery at the University of Colorado in Denver, CO, where he completed his residency, including a year as chief resident. Dr. Shafer's clinical interests include general neurosurgery as well as deep brain stimulation (DBS) and the surgical treatment of epilepsy.

John Tobey, MD
Dr. Tobey received his medical degree at the University of Utah School of Medicine and currently is a physiatrist at Spine West in Boulder, CO. He completed his residency training in physical medicine and rehabilitation and spine and sports fellowship at the University of Colorado Health Sciences Center. Dr. Tobey is also a physician for the U.S. Ski Team.

Todd Turner, MD
Dr. Turner is board-certified in infectious diseases and internal medicine. He has particular expertise in bacterial resistance, including methicillin-resistant Staphylococcal (MRSA) infections. He came to the Beacon Center for Infectious Diseases from Washington, D.C., He received his MD from University of Louisville in Kentucky and completed a fellowship in infectious diseases at George Washington University Hospital.

Thank You to Our Supporters

Thank you to the following companies for having provided educational grants in support of this activity:

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