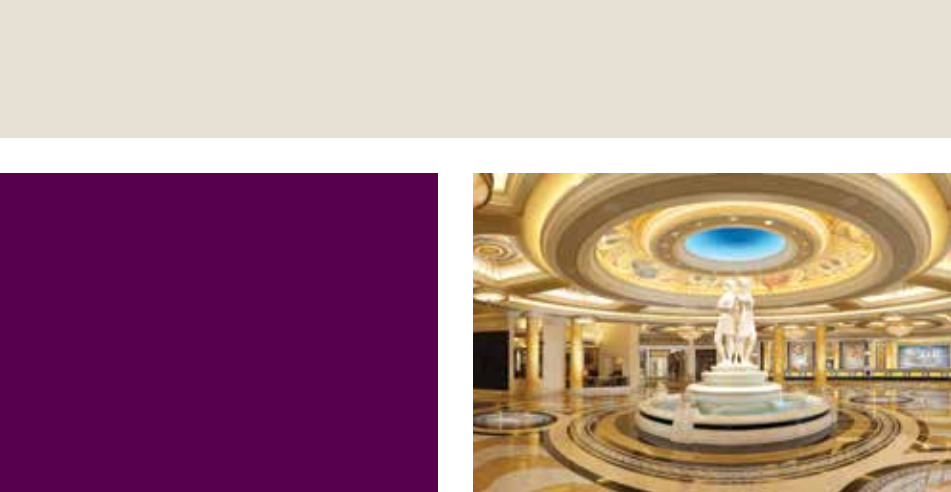




2015



American Society of
SPINE RADIOLOGY
Annual Symposium

FEBRUARY 5 - 8, 2015 • CAESARS PALACE LAS VEGAS • LAS VEGAS, NEVADA

20.75 AMA PRA Category 1 Credit(s)TM

Specific Sessions of the meeting program will be submitted to the ABR for SAM qualification.



I am proud to announce that the American Society of Spine Radiology (ASSR) 2015 Annual Symposium will be held on February 5 - 8 and will be returning to sunny Las Vegas, Nevada. The Symposium will be held for the first time at the iconic and recently renovated Caesars Palace and Casino in the center of the Las Vegas strip. The ASSR Program Committee has worked tirelessly to create an outstanding and innovative program that offers an exciting blend of topics on diagnostic spine imaging and therapeutics. This year's program will appeal to broad range of specialists including neuroradiologists, musculoskeletal radiologists as well as general radiologists with an interest in spine imaging, pain management specialists and spine surgeons. There are topics of interest to trainees as well as seasoned physicians ranging from perennial favorites on trauma and infection to state-of-the-art acquisition methods and therapeutics. We offer an outstanding roster of renowned national and international faculty who will undoubtedly make this meeting memorable. In addition to the educational sessions and workshops, there will be plenty of opportunities for networking. From the Welcome Reception to the Las Vegas-style Closing Party, the Symposium offers you the chance to reconnect with old colleagues and make new friends.

In addition to the excellent didactic program and keynotes, we will offer three SAM sessions on spinal trauma and spinal cord injury, degenerative spine and diagnostic/therapeutic controversies to fulfill MOC requirements. This year's program offers a broader spectrum of faculty from various clinical backgrounds including oncology, pain management, musculoskeletal imaging, rehabilitation medicine and spine surgery to provide a more comprehensive perspective of the role of imaging and image-guided therapeutics in spinal diseases. We have also attempted to blend diagnostic and therapeutic topics in some of the joint and concurrent sessions rather than artificially separating them. The hope is to provide an engaging curriculum for all attendees. New this year is the creation of an Interventional Roundtable Session specifically designed for trainees and "wanna-bees" who would like to begin a spine intervention practice and who seek guidance from the experts on where to start. This session will be limited to the first 40 registrants and will be structured in an informal setting to augment interaction and discussion.

Also new for this year is an afternoon combined Multidisciplinary Case Management Panel presentation which will take the place of the traditional concurrent diagnostic and interventional case presentations. This new session will include surgical, pain management and oncologic faculty to discuss the comprehensive assessment and management of complex or controversial spinal diseases. The discussion will undoubtedly be entertaining, practical and informative.

On behalf of the entire Program Committee, I hope you will join us for the 2015 Annual Symposium. We have planned an extraordinary Symposium and look forward to seeing you in Las Vegas. I would like to extend my sincere appreciation for your continued support of the American Society of Spine Radiology Annual Symposium.

I look forward to seeing you in Las Vegas!

Adam E. Flanders, M.D. • ASSR President/Program Chair

ABOUT THE SYMPOSIUM

The ASSR 2015 Annual Symposium will provide a forum for presentation and discussion of new and important developments in spine radiology. Keynote addresses and topically organized focus sessions will concentrate on various aspects of diagnostic and interventional spine techniques. Nationally and internationally recognized experts will share their experiences through didactic lectures, discussions and case-based reviews. Scientific sessions will address the newest applications and techniques in spine imaging and intervention, while electronic educational exhibits will help to reinforce and review new concepts. In addition, the oral abstract sessions will present new and exciting investigations in spine research. Young investigators can submit their original work for consideration in the Louis A Gilula, M.D. Mentor Award Program, or compete for awards in either the best scientific paper or electronic education presentation categories.

Diagnostic Spine Sessions will highlight the latest in MR and CT imaging advances, controversies in spine imaging including coverage of infectious diseases, oncologic imaging/management, unique aspects of pediatric spine, the etiology of pain generators, spine trauma and spinal cord injury and advanced imaging ranging from diffusion tensor imaging to neurography.

Interventional Spine Sessions will give participants the opportunity to review and master basic and advanced spine interventional skills, covering topics such as novel augmentation procedures, epidural therapeutics, advanced nerve blocks and cryoablation techniques.

Multidisciplinary Case Management Conference panel of experts will present a series of controversial spine management dilemmas and discuss the role of imaging, percutaneous therapy, pain management and oncology (when applicable) in achieving comprehensive care.

Breakfast & Learn and Lunch & Learn Sessions will complement the formal scientific program and will address specific technical advances in imaging and/or interventional procedures and products. (Not accredited for *AMA PRA Category 1 Credit(s)TM*)

Interventional Roundtable for Trainees & Wanna-bees

will provide a forum for attendees to interact with interventional experts in an informal setting to learn the secrets for starting and sustaining a successful spine intervention practice (attendance is limited!). (Not accredited for *AMA PRA Category 1 Credit(s)TM*)

TARGET AUDIENCE

This CME activity is primarily intended and designed to educate radiologists, neuroradiologists, musculoskeletal radiologists, interventional radiologists, spine surgeons, pain management and rehabilitation physicians, anesthesiologists, as well as fellows and residents in these specialties. Course material is also aimed at allied health professionals, including physician assistants and nurse practitioners who specialize, or have particular interest, in conditions affecting imaging and treating the spine.

EDUCATIONAL OBJECTIVES

Attendees should, at the completion of this Symposium, be able to:

- Demonstrate an increased understanding of recent advances in spine and peripheral nerve imaging to daily practice.
- Review and understand the variety of diverse pathology that affects the spine, including congenital, degenerative, infectious/inflammatory, neoplastic, traumatic, and vascular conditions.
- Develop greater understanding of the unique conditions that affect the spine and how imaging and image-guided intervention are used in their treatment.
- Gain a better understanding of the controversies and limitations inherent to the diagnostic modalities and interventions used in the assessment and treatment of spinal diseases.
- Understand the interplay between surgical intervention, oncology, percutaneous therapy and diagnostic imaging in the clinical management of spinal disease.

No special educational preparation is required for this CME activity.

SCIENTIFIC SPONSOR

Educational Symposia

INFORMATION

For more information or questions regarding the Symposium, please contact Dian Ginsberg at dginsberg@edusymp.com or 813-806-1064.

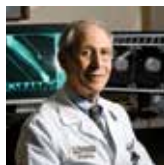
ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of Educational Symposia and the American Society of Spine Radiology. Educational Symposia is accredited by the ACCME to provide continuing medical education for physicians.

Educational Symposia designates this live educational activity for a maximum of 20.75 *AMA PRA Category 1 Credit(s)TM*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

REGISTRATION INFORMATION

Registration includes all course materials, including a comprehensive electronic course syllabus, continental breakfasts and coffee breaks, Breakfast & Learn and Lunch & Learn Sessions, workshops and all lectures. Family members and friends, ages 12 years and older, who wish to attend social functions which include the Welcome Reception, Continental Breakfasts and the Closing Party may do so by registering for the Symposium. The fee for each guest is \$100.00. Company-sponsored, unaccredited workshops require separate registrations. See program for details. Early registration is strongly suggested. There will be a \$50.00 late fee added to registrations received after January 9, 2015. Cancellations must be received in writing. A \$75.00 processing fee will be applied to all cancellations. Refunds requested in writing prior to January 9, 2015 will be issued for the amount of registration fee paid less the \$75.00 processing fee. No refunds will be made on or after that date.



**THE ASSR 2015
ANNUAL SYMPOSIUM**
is dedicated to the memory of
Louis A. Gilula, M.D.

2014 – 2015 PROGRAM COMMITTEE

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PROGRAM SCHEDULE

Wednesday, February 4, 2015

4:00 – 6:00 PM Registration for Attendees and Guests

Thursday, February 5, 2015

7:00 – 7:55 AM Registration and Continental Breakfast for Registrants

7:55 – 8:00 Welcome and Dedication Adam E. Flanders, M.D.

JOINT SESSION 1 - WHY HAVEN'T WE SOLVED LOW BACK PAIN? • Moderators: Lubdha M. Shah, M.D. & William C. Watters, III, M.D., MS (NASS)

8:00 – 8:30	Keynote Address: Value Based Imaging for LBP	Jeffrey (Jerry) G. Jarvik, M.D.
8:30 – 8:45	LBP: From the Bench Side to the Clinic.....	Jeffrey S. Ross, M.D.
8:45 – 9:00	Pearls of Spine Imaging: To Image or Not?.....	Johan W.M. Van Goethem, M.D., Ph.D.
9:00 – 9:15	Alternative Etiologies of Low Back Pain - Psychological and Integrative Medicine Approaches.....	Melissa D. Fenton, Ph.D., LMHC
9:15 – 9:30	The Role of Dynamic MRI in Diagnosing Lower Back Pain	Jeffrey Wang, M.D. (NASS)
9:30 – 9:45	Advanced Imaging of LBP	Lawrence N. Tanenbaum, M.D., FACR
9:45 – 10:00	Question and Answer Session	Faculty

10:00 – 10:30 Refreshment Break for Registrants and Visit Exhibitors

INTERVENTIONAL SESSION 1: CLINICAL SKILLS FOR THE INTERVENTIONAL SPINE RADIOLOGIST

Moderators: Keith E. Kortman, M.D. & Dan T.D. Nguyen, M.D.

10:30 – 10:45	Surgical Perspective in the Evaluation of Back Pain	Thomas Mroz, M.D. (NASS)
10:45 – 11:00	Assessment of Axial and Radicular Pain	Dan T.D. Nguyen, M.D.
11:00 – 11:15	Neurology and Physical Exam of the Spine for Spine Radiologists.....	Stanley Golovac, M.D.
11:15 – 11:30	Pharmacological Management of Pain	Wade H.M. Wong, D.O., FACR, FAOCR
11:30 – 11:45	Local Anesthetics and Steroids	John M. Mathis, M.D., MSc.
11:45 – 12:00 PM	Question and Answer Session	Faculty

DIAGNOSTIC SESSION 1: WHAT THE DIAGNOSTIC RADIOLOGIST NEEDS TO KNOW ABOUT SPINE INTERVENTION - WHAT WE DO AND WHY WE DO IT!

Moderators: Gregory J. Lawler, M.D. & Todd Miller, M.D.

10:30 – 10:45	Metamorphosis of a Diagnostic Radiologist into an Interventional Spine Radiologist: How to Start a Practice.....	Amish H. Doshi, M.D.
10:45 – 11:00	Indications and How to Do Steroid Injections.....	Todd Miller, M.D.
11:00 – 11:15	Indications and How to Do Facet Injections.....	Walter S. Bartynski, M.D.
11:15 – 11:30	Indications and How to Approach Vertebral Augmentation	Gregory J. Lawler, M.D.
11:30 – 11:45	Vertebral Augmentation - Tales from the Crypt	Mary E. (Lee) Jensen, M.D.
11:45 – 12:00 PM	Question and Answer Session	Faculty

12:00 – 1:00 Lunch and Learn Session or Lunch On Your Own ♦

JOINT SESSION 2 (SAM SESSION): CONTROVERSIES • Moderators: John L. Go, M.D. & John D. Barr, M.D.

1:00 – 1:15	Appropriate Use of Imaging/Intervention for Post-Operative Infection	Lubdha M. Shah, M.D.
1:15 – 1:30	How Much Imaging is Too Much Imaging?.....	Paul E. Kim, M.D.
1:30 – 1:45	Will Structured Reporting Enhance the Value of Spine Imaging	Richard H. Wiggins, III, M.D., CIIP, FSIIM
1:45 – 2:00	Value and Deficiencies of the Spine Nomenclature.....	Alan L. Williams, M.D., FACR, MBA
2:00 – 2:15	Myelography: A Dying Art: Current Utility.....	Richard Silbergleit, M.D., MBA
2:15 – 2:30	Discography: Is it For Real? Point/Counterpoint	John D. Barr, M.D.
2:30 – 2:45	Question and Answer Session	Faculty
2:45	End of Session	

2:45 – 3:15 Refreshment Break for Registrants

3:30 – 4:30 Interventional Roundtable for Trainees and Wanna-bees • Drs. Bartynski, Kortman, Lawler, Miller, Ortiz, Refai, Wong, Zoarski ♦

3:30 – 5:30 Workshop I - Topic & Faculty: TBD ♦

6:00 – 8:00 Welcome Reception for Registrants and Registered Guests

Friday, February 6, 2015

7:00 – 8:00 AM Continental Breakfast for Registrants and Registered Guests

JOINT SESSION 3 (SAM SESSION): SPINAL TRAUMA AND SPINAL CORD INJURY • Moderators: Eric D. Schwartz, M.D. & Adam E. Flanders, M.D.

8:00 – 8:30	Keynote Address: Goals/Expectations to Restoring a Normal Life to the Spinal Cord Injured Patient - Role of Rehabilitation.....	Anthony Burns, M.D., M.Sc.
8:30 – 8:45	Clearing the Injured Spine.....	Vabe M. Zohrabian, M.D.
8:45 – 9:00	Special Considerations for the Traumatized Pediatric Spine.....	Erin Simon Schwartz, M.D.
9:00 – 9:15	Clearance for Return to Play in High Performance Athletes After Spinal Trauma.....	Gregory W. Petermann, M.D.
9:15 – 9:30	Role of MRI in SCI: Correlation with Neurologic Deficit and Prognosis	Falgun H. Chokshi, M.D., M.S., DABR
9:30 – 9:45	Is DTI the Missing Link in Spinal Cord Injury?	Eric D. Schwartz, M.D.
9:45 – 10:00	Question and Answer Session	Faculty

10:00 – 10:30 Refreshment Break for Registrants and Visit Exhibitors

INTERVENTIONAL SESSION 2: ADVANCED INTERVENTIONAL SPINE PROCEDURES

Moderators: Christopher Hancock, M.D. & Allan L. Brook, M.D., FSIR

10:30 – 10:45	Percutaneous Disk Procedures: New Horizons	Christopher Hancock, M.D.
10:45 – 11:00	Advanced VP and KP Techniques	Allan L. Brook, M.D., FSIR
11:00 – 11:15	Treatment of Malignant Compression Fractures: Augmentation and Local Ablation	Bassem A. Georgy, M.D.
11:15 – 11:30	Cryoblation and Radiofrequency Ablation in Spine and Sacrum.....	Jonathan (Jay) M. Morris, M.D.
11:30 – 11:45	Principles and Techniques of the MILD Procedure	Wade H.M. Wong, D.O., FACR, FAOCR
11:45 – 12:00 PM	Question and Answer Session	Faculty

DIAGNOSTIC SESSION 2: ONCOLOGIC IMAGING

Moderators: Falgun H. Chokshi, M.D., M.S., DABR & Carl E. Johnson, M.D.

10:30 – 10:45	Spine Tumor Imaging: What the Radiation Oncologist Needs to Know.....	Michelle Alonso-Basanta, M.D., Ph.D.
10:45 – 11:00	Surgical Stabilization in Spine Oncology	Daniel Refai, M.D.
11:00 – 11:15	Pediatric Spine Tumors You Might Actually See	Nilesh K. Desai, M.D.
11:15 – 11:30	Interventional Therapeutics for Spinal Tumors.....	Jack W. Jennings, M.D., Ph.D.
11:30 – 11:45	Advanced Imaging of Spinal Tumors: Diffusion Imaging and Beyond.....	Puneet S. Pawha, M.D.
11:45 – 12:00 PM	Question and Answer Session	Faculty

Friday, February 6, 2015 (Continued)

12:00 – 1:00 Lunch and Learn Session or Lunch On Your Own ♦
1:00 – 3:00 Interventional Non-Mentored Papers
1:00 – 3:00 Diagnostic Non-Mentored Papers
3:00 – 3:30 Refreshment Break for Registrants and Visit Exhibitors

SPECIAL • JOINT SESSION 4: MULTIDISCIPLINARY CASE CONFERENCE

3:30 – 5:00 Multi-disciplinary Case Conference: Interventionalists, Surgeon, Oncologist *Michelle Alonso-Basanta, M.D., Ph.D. & Kent B. Remley, M.D.*
5:00 End of Session

Saturday, February 7, 2015

7:00 – 8:00 AM Continental Breakfast for Registrants and Registered Guests

JOINT SESSION 5: SPINAL STENOSIS AND DEGENERATION • *Gregg H. Zoarski, M.D. & Walter S. Bartynski, M.D.*

8:00 – 8:30 Keynote Address: MRI Findings in Complications and Failures of Lumbar Spinal Surgery: Why Does the Failed Back Fail? *A. Jay Khanna, M.D., MBA*
SAM SESSION
8:30 – 8:45 Pathogenesis Of Spinal Stenosis *Victor M. Haughton, M.D.*
8:45 – 9:00 Imaging of Spinal Stenosis *Kiran S. Talekar, M.D., MBBS*
9:00 – 9:15 Cervical Spondylotic Myelopathy *Adam E. Flanders, M.D.*
9:15 – 9:30 Degenerative Disease in the Pediatric Population *Aseem Sharma, M.D.*
9:30 – 9:45 Surgical Objectives for Treatment of Spinal Stenosis *Bohdan W. Chopko, M.D., Ph.D.*
9:45 – 10:00 Question and Answer Session *Faculty*

10:00 – 10:15 Refreshment Break for Registrants and Visit Exhibitors
10:15 – 10:30 Gold Medal Lecture ♦

INTERVENTIONAL SESSION 3: CYSTS AND HOLES

Moderators: Douglas S. Fenton, M.D., LMHC & Jeffrey A. Stone, M.D., FACR

10:30 – 10:45 Epidemiology & Diagnosis of
CSF Hypotension *Patrick H. Luetmer, M.D.*
10:45 – 11:00 Fixing the Elusive Spinal Leak: Blood Patches versus
Open Surgery *Felix E. Diehn, M.D.*
11:00 – 11:15 An Interventional Approach to
SI Joint Pathology *A. Orlando Ortiz, M.D., MBA, FACR*
11:15 – 11:30 Facet Pain Syndromes *Alyssa T. Watanabe, M.D.*
11:30 – 11:45 How to Approach Facet Interventions *Blake A. Johnson, M.D., FACR*
11:45 – 12:00 PM Synovial Cysts *Jeffrey A. Stone, M.D., FACR*

DIAGNOSTIC SESSION 3: INFLAMMATORY/INFECTIOUS DISEASE

Moderators: Gaurang V. Shah M.D. & Majda M. Thurnher, M.D.

10:30 – 10:45 Discitis/Osteomyelitis and
Its Mimickers *M. Judith Donovan Post, M.D., FACR*
10:45 – 11:00 Imaging of Post-Operative Complications *John L. Go, M.D.*
11:00 – 11:15 Myelitis and Inflammatory Myelopathy *Majda M. Thurnher, M.D.*
11:15 – 11:30 Pediatric Spine Infections *Pia Maly Sundgren, M.D., Ph.D.*
11:30 – 11:45 Inflammatory Spondyloarthropathies *Sophia C. Symko, M.D.*
11:45 – 12:00 PM Granulomatous Diseases *Wende N. Gibbs, M.D.*

12:00 – 1:00 Lunch and Learn Session or Lunch On Your Own ♦
1:00 – 1:45 ASSR Annual Business Meeting (ASSR Members Only) ♦

JOINT SESSION 6: LOUIS A. GILULA, M.D. MENTORED SCIENTIFIC PAPER SESSION

2:00 – 3:00 Mentor Papers
3:00 End of Session
3:00 – 5:00 Workshop II - Topic & Faculty: TBD ♦
6:00 – 9:00 Closing Party for Registrants and Registered Guests

Sunday, February 8, 2015

7:00 – 8:00 AM Continental Breakfast for Registrants and Registered Guests

JOINT SESSION 7: THE FEDS, CAPITOL HILL AND THE LAW • *Moderators: Meng Law, M.D., MBBS, FRACR & Gaurang V. Shah, M.D.*

8:00 – 8:30 Imaging 3.0: Adding Value to Imaging *Keith J. Dreyer, D.O., Ph.D.*
8:30 – 8:45 Health Care Reform in 2015 - An Update *Joshua A. Hirsch, M.D., FACR, FSIR*
8:45 – 9:00 The Alphabet Soup of Government Programs You Should Care About; ACO's, SGR, MU *Gaurang V. Shah, M.D.*
9:00 – 9:15 Case Files from the ASNR Presidential Archives *Gordon K. Sze, M.D., FACR*
9:15 – 9:30 Legal Ramifications of Your Reports *Stephen L.G. Rothman, M.D.*
9:30 – 9:45 ABR Co-sponsorship of the Pain Management Certificate *Meng Law, M.D., MBBS, FRACR*
9:45 – 10:00 Question and Answer Session *Faculty*

10:00 – 10:30 Refreshment Break for Registrants and Visit Exhibitors

JOINT SESSION 8: SPINE POTPOURRI • *Moderators: Michele H. Johnson, M.D. & Allison M. Grayev, M.D.*

10:30 – 10:45 Vascular Injury to the Carotid and Vertebral Arteries *Allison M. Grayev, M.D.*
10:45 – 11:00 MRI Patterns in Spinal Cord Pathologies *Lisa M. Tartaglino, M.D.*
11:00 – 11:15 Practical Plexus Imaging *Efrat Saraf-Lavi, M.D.*
11:15 – 11:30 MR Neurography *John A. Carrino, M.D., MPH*
11:30 – 11:45 Is Whiplash Amenable to Imaging? *Edward Quigley, III, M.D., Ph.D.*
11:45 – 12:00 PM Vascular Lesions of the Spine and Spinal Cord: Imaging Features, Algorithms and Treatment *Michele H. Johnson, M.D.*
12:00 – 12:15 Discussion *Faculty*
12:15 – 12:30 Closing Remarks: Adam E. Flanders, M.D., ASSR Past President

12:30 End of Program

♦ Session not accredited for AMA PRA Category 1 Credit(s)[™] • *SAM Sessions will be submitted to the ABR for approval and are subject to change. • Faculty & topics subject to change.

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American Society of Spine Radiology

2015 Annual Symposium

ASSR15

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