



2011 Index by Issue

January/February 2011, Volume 14, Number 1

EDITORIAL

- | | | |
|---|---|----|
|  | Smoking-Induced Nociception
Howard S. Smith, MD | E1 |
|---|---|----|

HEALTH CARE

- | | | |
|---|--|-----|
|  | Medicare Physician Payment Systems: Impact of 2011 Schedule on Interventional Pain Management
Laxmaiah Manchikanti, MD, Vijay Singh, MD, David L. Caraway, MD, Ramsin M. Benyamin, MD, and Joshua A. Hirsch, MD | E5 |
|  | Patient Protection and Affordable Care Act of 2010: Reforming the Health Care Reform for the New Decade
Laxmaiah Manchikanti, MD, David Caraway, MD, Allan T. Parr, MD, Bert Fellows, MA, and Joshua A. Hirsch, MD | E35 |

INTERVENTIONAL TECHNIQUES

- | | | |
|---|---|----|
| ◆ | Cardiovascular Effects of Spinal Cord Stimulation in Hypertensive Patients
David M. Schultz, MD, Xiaohong Zhou, MD, Ashish Singal, MS, and Shailesh Musley, PhD | 1 |
| ◆ | Italian Registry on Long-Term Intrathecal Ziconotide Treatment
William Raffaeli, MD, Donatella Sarti, PhD, Laura Demartini, MD, Alberto Sotgiu, PsyD, Cesare Bonezzi, MD, Italian Ziconotide Group | 15 |
| ◆ | One-Year Results of a Randomized, Double-Blind, Active Controlled Trial of Fluoroscopic Caudal Epidural Injections With or Without Steroids In Managing Chronic Discogenic Low Back Pain Without Disc Herniation or Radiculitis
Laxmaiah Manchikanti, MD, Kimberly A. Cash, RT, Carla D. McManus, RN, BSN, Vidyasagar Pampati, MSc, and Howard S. Smith, MD | 25 |
| ◆ | Feasibility of Combined Epicranial Temporal and Occipital Neurostimulation: Treatment of a Challenging Case of Headache
Kedar K. Deshpande, MD, and Kevin L. Wininger, BS | 37 |
| ◆ | Alternative Approach to Needle Placement in Spinal Cord Stimulator Trial/Implantation
Jie Zhu, MD, Frank Falco, MD, C. Obi Onyewu, MD, Youssef Joesphson, DO, Renato Vesga, MD, and Rajesh Jari, MD | 45 |
| ◆ | Spinal Cord Stimulation for the Treatment of Chronic Renal Pain Secondary to Uretero-Pelvic Junction Obstruction
Chong H. Kim, MD and Mohammad Issa, MD | 55 |

NON-INTERVENTIONAL TECHNIQUES

- | | | |
|---|---|----|
| ◆ | Reliability and Validity of the Global Pain Scale with Chronic Pain Sufferers
Douglas A. Gentile, PhD, Jonathan Woodhouse, PsyD, Paul Lynch, MD, Julia Maier, MS, and Tory McJunkin, MD | 61 |
| ◆ | Feasibility Study of Rapid Opioid Rotation and Titration
Marina Korkmazsky, MS, Javid Ghandehari, MD, Angela Sanchez, BS, Huong-Mo Lin, DrSc, and Marco Pappagallo, MD | 71 |

BACK TO BASICS

- | | | |
|---|--|----|
| ◆ | Neurotoxicity of Subarachnoid Preservative-Free S(+)-Ketamine in Dogs
Lyvia Maria R.S. Gomes, MSc, João Batista S. Garcia, MD, PhD, José S. Ribamar Jr., MSc, Ana Gisélia Portela Nascimento | 83 |
|---|--|----|

January/February 2011 (cont.), Volume 14, Number 1

LETTERS TO THE EDITOR



Critiquing the Critiques: The American Pain Society Guideline and the American Society of Interventional Pain Physicians' Response to It

E69

Roger Chou, MD

• In Response

E73

Laxmaiah Manchikanti, MD, Sanjeeva Gupta, MD, Ramsin Benyamin, MD, Rajesh Munglani, MD, Sukdeb Datta, MD, Joshua A Hirsch, MD, and Stephen P. Ward, MD, FRCA, FFPMRCA

• In Response

E80

Sherdil Nath, MD



Truly a Critical Review: Root Cause Analysis of Paraplegia Following Transforaminal Epidural Steroid Injections: "Unsafe" Triangle

E82

Xiulu Ruan, MD and Srinivas Chiravuri, MD






• In Response

E83

Scott E. Glaser, MD and Rinoo Shah, MD

March/April 2011, Volume 14, Number 2


REVIEWS FOR OPIOID GUIDELINES

- ◆ **A Systematic Review of Randomized Trials of Long-Term Opioid Management for Chronic Non-Cancer Pain** 91
Laxmaiah Manchikanti, MD, Hary Ailani, MD, Dhanalakshmi Koyyalagunta, MD, Sukdeb Datta, MD, Vijay Singh, MD, Ike Eriator, MD, Nalini Sehgal, MD, Rinoo Shah, MD, Ramsin M. Benyamin, MD, Ricardo Vallejo, MD, Bert Fellows, MA, and Paul J. Christo, MD
-  **A Systematic Review of Observational Studies on the Effectiveness of Opioid Therapy for Cancer Pain** E85
James Colson, MD, Dhanalakshmi Koyyalagunta, MD, Frank J.E. Falco, MD, and Laxmaiah Manchikanti, MD
-  **Breakthrough Pain in Chronic Non-Cancer Pain: Fact, Fiction, or Abuse** E103
Laxmaiah Manchikanti, MD, Vijay Singh, MD, David L. Caraway, MD, and Ramsin M. Benyamin, MD
- ◆ **Urine Drug Testing In Chronic Pain** 123
Paul J. Christo, MD, Laxmaiah Manchikanti, MD, Xiulu Ruan, MD, Michael Bottros, MD, Hans Hansen, MD, Daneshvari R. Solanki, MD, Arthur E. Jordan, MD, and James Colson, MD
-  **Monitoring Opioid Adherence In Chronic Pain Patients: Assessment of Risk of Substance Misuse** E119
Daneshvari R. Solanki, MD, Dhanalakshmi Koyyalagunta, MD, Rinoo V. Shah, MD, Sanford Silverman, MD, and Laxmaiah Manchikanti, MD
- ◆ **A Comprehensive Review of Opioid-Induced Hyperalgesia** 145
Marion Lee, MD, Sanford Silverman, MD, Hans Hansen, MD, Vikram Patel, MD, and Laxmaiah Manchikanti, MD
-  **Effectiveness of Long-Term Opioid Therapy for Chronic Non-Cancer Pain** E133
Laxmaiah Manchikanti, MD, Ricardo Vallejo, MD, PhD, Kavita N. Manchikanti, BA, MS IV, Ramsin M. Benyamin, MD, Sukdeb Datta, MD, and Paul Christo, MD
-  **Placebo and Nocebo in Interventional Pain Management: A Friend or a Foe – Or Simply Foes?** E157
Laxmaiah Manchikanti, MD, James Giordano, PhD, Bert Fellows, MA, and Joshua A. Hirsch, MD

OPINION

- ◆ **ObamaCare: One More in a Long Line of Bad Ideas** 163
James Sprouse, MS
- ◆ **Health Care Reform — Involving Our Physician Leaders** 169
David S. Kloth, MD

HEALTH POLICY REVIEW

-  **Ambulatory Surgery Centers and Interventional Techniques: A Look at Long-Term Survival** E177
Laxmaiah Manchikanti, MD, Allan T. Parr, MD, Vijay Singh, MD, and Bert Fellows, MA

DRUG MONITORING

- ◆ **Comparative Evaluation of the Accuracy of Immunoassay with Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) of Urine Drug Testing (UDT) Opioids and Illicit Drugs in Chronic Pain Patients** 175
Laxmaiah Manchikanti, MD, Yogesh Malla, MD, Bradley W. Wargo, DO, and Bert Fellows, MA
- ◆ **Illicit Drug Use in the Pain Patient Population Decreases with Continued Drug Testing** 189
Amadeo Pesce, PhD, Cameron West, PhD, Murray Rosenthal, DO, Charles Mikel, PhD, Robert West, MS, Bridgit Crews, PhD, Perla Almazan, MT, Sergey Latyshev, MS, and Paul S. Horn, PhD


INTERVENTIONAL TECHNIQUES

- ◆ **Alternative Approach to Needle Placement in Cervical Spinal Cord Stimulator Insertion** 195
Jie Zhu, MD, Frank J.E. Falco, MD, C. Obi Onyewu, MD, Renato Vesga, MD, Youssef Josephson, DO, Asim Husain, DO, and Gabriella Gutman, MD



March/April 2011 (cont.), Volume 14, Number 2

- ◆ **CT-Guided Percutaneous Infiltration for the Treatment of Alcock's Neuralgia** 211
Dimitrios K. Filippiadis, MD, George Velonakis, MD, Argyro Mazioti, MD, Efthimia Alexopoulou, MD, PhD,
Aikaterini Malagari, MD, PhD, Elias Brountzos, MD, PhD, Nikolaos Kelekis, MD, PhD, and Alexis Kelekis, MD, PhD

NON-INTERVENTIONAL TECHNIQUES


-  **Fibromyalgia: An Afferent Processing Disorder Leading to a Complex Pain Generalized Syndrome** E217
Howard S. Smith, MD, Richard Harris, PhD, and Daniel Clauw, MD

LETTER TO THE EDITOR


-  **Concerns Voiced Over Methadone Results** E247
Scott E. Glaser, MD, Ira J. Goodman, MD, and John P. Broadnax, MD
-  • **In Response to Concerns Voiced Over Methadone Results** E249
Shalini Shah, MD, and Sudhir Diwan, MD
- ◆ **In Erratum** 217

May/June 2011, Volume 14, Number 3

HEALTH POLICY REVIEW

- | | | |
|---|---|------|
|  | The Impact of Comparative Effectiveness Research on Interventional Pain Management: Evolution from Medicare Modernization Act to Patient Protection and Affordable Care Act and the Patient-Centered Outcomes Research Institute | E249 |
| | Laxmaiah Manchikanti, MD, Frank J.E. Falco, MD, Ramsin M. Benyamin, MD, Standiford Helm II, MD, Allan T. Parr, MD, and Joshua A. Hirsch, MD | |

REVIEWS FOR OPIOID GUIDELINES

- | | | |
|---|--|------|
|  | Comprehensive Consensus Based Guidelines on Intrathecal Drug Delivery Systems in the Treatment of Pain Caused by Cancer Pain | E283 |
| | Timothy R. Deer, MD, Howard S. Smith, MD, Allen W. Burton, MD, Jason E. Pope, MD, Daniel M. Doleys, PhD, Robert M. Levy, MD, PhD, Peter S. Staats, MD, Mark Wallace, MD, Lynn R. Webster, MD, Richard Rauck, MD, and Michael Cousins, MD | |
| ◆ | Intrathecal Therapy for Cancer and Non-Cancer Pain | 219 |
| | Salim M. Hayek, MD, PhD, Timothy R. Deer, MD, Jason E. Pope, MD, Sunil J. Panchal, MD, and Vikram Patel, MD | |
| ◆ | Peripherally Acting Opioids and Clinical Implications for Pain Control | 249 |
| | Nalini Sehgal, MD, Howard S. Smith, MD, and Laxmaiah Manchikanti, MD | |

DIAGNOSTIC ACCURACY STUDIES

- | | | |
|---|---|-----|
| ◆ | Comparative Evaluation of the Accuracy of Benzodiazepine Testing in Chronic Pain Patients Utilizing Immunoassay with Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) of Urine Drug Testing | 259 |
| | Laxmaiah Manchikanti, MD, Yogesh Malla, MD, Bradley W. Wargo, DO, and Bert Fellows, MA | |

INTERVENTIONAL TECHNIQUES



- | | | |
|---|---|-----|
| ◆ | Caudal Normal Saline Injections for the Treatment of Post-Dural Puncture Headache | 271 |
| | Susanne Abdulla, Dr.med., Walied Yousif Abdulla, Dr.ed.habil, Regina Eckhardt, Dr.rer.med | |
| ◆ | Double Needle Technique: An Alternative Method for Performing Difficult Sacroiliac Joint Injections | 281 |
| | Sanjeeva Gupta, MD | |
| ◆ | Improving the Safety of Transforaminal Epidural Steroid Injections in the Treatment of Cervical Radiculopathy | 285 |
| | David S. Kloth, MD, Aaron K. Calodney, MD, Richard Derby, MD, Francis P. Lagattuta, MD, Conor O'Neill, MD, Elizabeth Yurth, MD, Larry E. Miller, PhD, and Jon E. Block, PhD | |
| ◆ | Peripheral Nerve Stimulation of the Thoracic Paravertebral Plexus for Chronic Neuropathic Pain | 295 |
| | Dominic Hegarty, MB, FCARSCI, and Teodor Goroszeniuk, MB, FCARSCI | |
| ◆ | Pulsed Radiofrequency of the Sural Nerve for the Treatment of Chronic Ankle Pain | 301 |
| | Lyudmil Todorov, MD | |
| ◆ | The Use of Lumbar Sympathetic Blockade at L4 for Management of Malignancy-Related Bladder Spasms | 305 |
| | Amitabh Gulati, MD, Yury Khelemsky, MD, Jeffrey Loh, MD, Vinay Puttanniah, MD, Vivek Malhotra, MD, and Kenneth Cubert, MD | |
| ◆ | Intramuscular Botulinum Toxin A (BtxA) in Complex Regional Pain Syndrome | 311 |
| | Siddharth Kharkar, MD, MHS, Prakash Ambady, MD, Venkatesh Yedatore, MD, and Robert J. Schwartzman, MD | |

July/August 2011, Volume 14, Number 4

HEALTH POLICY REVIEW

- | | | |
|---|--|-------------|
|  | The Independent Payment Advisory Board
Laxmaiah Manchikanti, MD, Frank J.E. Falco, MD, Vijay Singh, MD, Ramsin M. Benyamin, MD, and Joshua A. Hirsch, MD | E313 |
|---|--|-------------|


REVIEWS FOR OPIOID GUIDELINES

- | | | |
|---|--|-------------|
|  | Pharmacology of Opioids in the Treatment of Chronic Pain Syndromes
Ricardo Vallejo, MD, PhD, Robert L. Barkin, PharmD, and Victor C. Wang, PhD | E343 |
|  | Opioid Abuse in Cancer Pain: Report of Two Cases and Presentation of an Algorithm of Multidisciplinary care
Dhanalakshmi Koyyalagunta, MD, Allen W. Burton, MD, Marco Perez Toro, MD, Larry Driver, MD, and Diane M. Novy, PhD | E361 |

INTERVENTIONAL TECHNIQUES

- | | | |
|---|---|------------|
| ◆ | A Prospective Evaluation of Bleeding Risk of Interventional Techniques in Chronic Pain
Laxmaiah Manchikanti, MD, Yogesh Malla, MD, Bradley W. Wargo, DO, Kimberly A. Cash, RT, Carla D. McManus, RN, BSN, Kim S. Damron, RN, Sheila D. Jackson, RN, Vidyasagar Pampati, MSc, and Bert Fellows, MA | 317 |
| ◆ | Alternative Approach for Lumbar Transforaminal Epidural Steroid Injections
Jie Zhu, MD, Frank J.E. Falco, MD, Ferdinand Formoso, DO, C. Obi Onyewu, MD, and Franklin L. Irwin, MD | 331 |
| ◆ | Patient Selection and Outcomes Using a Low-Dose Intrathecal Opioid Trialing Method for Chronic Nonmalignant Pain
Jay S. Grider, DO, PhD, Michael E. Harned, MD, and Mark A. Etscheidt, PhD | 343 |
| ◆ | Lumbar Retrodiscal Versus Post-Ganglionic Transforaminal Epidural Steroid Injection for the Treatment of Lumbar Intervertebral Disc Herniations
Chan Hong Park, MD, PhD, Sang Ho Lee, MD, PhD, and Hahck Soo Park, MD | 353 |
| ◆ | The Dosages of Corticosteroid in Transforaminal Epidural Steroid Injections for Lumbar Radicular Pain Due to a Herniated Disc
Seong-Sik Kang, MD, PhD, Byeong-Mun Hwang, MD, PhD, Hee-Jeong Son, MD, PhD, Il-Young Cheong, MD, Sang-Jin Lee, MD, Sang-Hyan Lee, MD, and Tae-Yoon Chung, MD | 361 |
| ◆ | Retrospective Review of the Efficacy and Safety of Repeated Pulsed and Continuous Radiofrequency Lesioning of the Dorsal Root Ganglion/Segmental Nerve for Lumbar Radicular Pain
Jyotsna V. Nagda, MD, Craig W. Davis, MD, Zahid H. Bajwa, MD, and Thomas T. Simopoulos, MD | 371 |
| ◆ | Dural Sac Cross Sectional Area Does Not Correlate with Efficacy of Percutaneous Adhesiolysis in Single Level Lumbar Spinal Stenosis
Chan Hong Park, MD, PhD, Sang Ho Lee, MD, PhD, and Jin Young Jung, MD, PhD | 377 |

NON-INTERVENTIONAL TECHNIQUES

- | | | |
|---|---|-------------|
|  | Painful Osseous Metastases (POM)
Howard S. Smith, MD | E373 |
| ◆ | Retrospective Review of Physician Opioid Prescribing Practices in Patients with Aberrant Behaviors
Anita Gupta, DO, PharmD, Christopher Patton, MD, Dina Diskina, BS, and Martin Cheatle, PhD | 383 |
| ◆ | Morphine Sulfate and Naltrexone Hydrochloride Extended-Release Capsules: Naltrexone Release, Pharmacodynamics, and Tolerability
Franklin Johnson, MS, and Beatrice Setnik, PhD | 391 |

September/October 2011, Volume 14, Number 5


HEALTH POLICY REVIEW

- | | | |
|---|--|------|
|  | Necessity and Implications of ICD-10: Facts and Fallacies
Laxmaiah Manchikanti, MD, Frank JE Falco, MD, and Joshua A. Hirsch, MD | E405 |
|---|--|------|


INTERVENTIONAL TECHNIQUES

- | | | |
|---|---|-----|
| ◆ | Automatic Adaptation of Neurostimulation Therapy in Response to Changes in Patient Position: Results of the Posture Responsive Spinal Cord Stimulation (PRS) Research Study
Cristy M. Schade, MD, PhD, PE, David Schultz, MD, Nancy Tamayo, DC, Sudha Iyer, PhD, and Eric Panken, MS | 407 |
| ◆ | Intramuscular Botulinum Toxin in Complex Regional Pain Syndrome: Case Series and Literature Review
Siddharth Kharkar, MD, Prakash Ambady, MD, and Yedatore Venkatesh, MD, and Robert J. Schwartzman, MD | 419 |
| ◆ | Infection Control Practices (Safe Injection and Medication Vial Utilization) for Interventional Techniques: Are They Based on Relative Risk Management or Evidence?
Laxmaiah Manchikanti, MD, Yogesh Malla, MD, Bradley W. Wargo, DO, and Bert Fellows, MA | 425 |
| ◆ | Occipital Nerve Stimulation with the Bion Microstimulator for the Treatment of Medically Refractory Chronic Cluster Headache
Natalie H. Strand MD, Terrence L. Trentman MD, Bert B. Vargas MD, and David W. Dodick, MD | 435 |
| ◆ | Spinal Cord Stimulation for Treatment of Pain in a Patient with Post Thoracotomy Pain Syndrome
Jordan Graybill, MD, Till Conermann, MD, Jack Kabazie, MD, and Sunil Chandy, MD | 441 |
| ◆ | The Use of Vertebral Augmentation and External Beam Radiation Therapy in the Multimodal Management of Malignant Vertebral Compression Fractures
Ariel E. Hirsch, MD, Ruchira M. Jha, MD, Albert J. Yoo, MD, Akriti Saxena, BS, Al Ozonoff, PhD, Marion J. Growney, and Joshua A. Hirsch, MD | 447 |
| ◆ | Fasting Before Interventional Techniques: Is It Necessary and Based on Evidence
Laxmaiah Manchikanti, MD, Yogesh Malla, MD, Bradley W. Wargo, DO, and Bert Fellows, MA | 459 |
| ◆ | Sonoanatomy and Injection Technique of the Iliolumbar Ligament
Dominic Harmon, MD, FCARCSI, and Vladimir Alexiev, MD, FCARCSI | 469 |
| ◆ | Effect of Adding Epidural Ketamine to Steroid in Radiculopathic Low Back Pain on Pain Relief and Quality of Life: One-Year Follow-Up
Yasser Mohamed Amr, MD | 475 |
| ◆ | An Introduction to Trialing Intrathecal Baclofen in Patients with Hemiparetic Spasticity: A Description of 3 Cases
Michael E. Harned, MD, Sara S. Salles, DO, and Jay S. Grider, DO, PhD | 483 |

NON-INTERVENTIONAL TECHNIQUES


- | | | |
|---|--|------|
|  | Painful Rheumatoid Arthritis
Howard S. Smith, MD | E427 |
| ◆ | Laser Doppler Imaging: Usefulness in Chronic Pain Medicine
John R. Grothusen, PhD, and Robert J. Schwartzman, MD | 491 |

LETTER TO THE EDITOR


- | | | |
|---|---|------|
|  | Time to Understand "Safe Triangle Technique" for Transforaminal Epidural Steroid Injections
Sairam Atluri, MD, Gurarau Sudarshan, MD, and Pavan Yerramsetty, MD | E459 |
| • | Response
Jie Zhu, MD, Frank JE Falco, MD, Ferdinand Formoso, DO, Obi Onyewu, MD, and Franklin L. Irwin, MD | E460 |

September/October 2011, Volume 14, Number 5

LETTERS TO THE EDITOR (CONT.)

	Unique Low Dose Intrathecal Opioid Trial, Still in Need of Feasibility Check	E462
	Xiulu Ruan, MD	
	• Response	E463
	Jay S. Grider, DO, PhD	

ABSTRACTS

	Abstracts Presented at 2011 ASIPP 13th Annual Meeting	E465
---	---	------


AUTHOR INFORMATION	E493
--------------------	------

November/December 2011, Volume 14, Number 6

EDITORIAL

- | | | |
|---|---|------|
|  | One More Beers? It's Time to STOPP!
Howard S. Smith, MD, and Timothy S. Lesar, PharmD | E501 |
|---|---|------|

COMPREHENSIVE REVIEW

- | | | |
|---|--|------|
|  | Treatment Considerations in Painful HIV-Related Neuropathy
Howard S. Smith, MD | E505 |
|---|--|------|

INTERVENTIONAL TECHNIQUES

- | | | |
|---|--|-----|
| ◆ | Interlaminar Versus Transforaminal Epidural Steroids for the Treatment of Subacute Lumbar Radicular Pain: A Randomized, Blinded, Prospective Outcome Study
Christopher G. Gharibo, MD, Gerard P. Varlotta, DO, Ellen E. Rhame, MD, En-Chia James Liu, MD, John A. Bendo, MD, and Michael D. Perloff, MD, PhD | 499 |
| ◆ | Rates of Lead Migration and Stimulation Loss in Spinal Cord Stimulation: A Retrospective Comparison of Laminotomy Versus Percutaneous Implantation
David D. Kim, MD, Rakesh Vakharia, DO, Henry R. Kroll, MD, and Adam Shuster, DO | 513 |
| ◆ | Use of Observational Mechanical Gateway Connector in Spinal Cord Stimulation Trials
Chong H. Kim, MD, Mohammed Issa, MD, and Richard Vaglienti, MD | 525 |
| ◆ | Ultrasound-Guided Interventional Release of Rotator Interval and Posteroinferior Capsule for Adhesive Capsulitis of the Shoulder Using a Specially Designed Needle
Kang Ahn, MD, Hyung-Joon Jhun, MD, Kyung-Man Choi, Yong-Seung Lee | 531 |
| ◆ | Kyphoplasty for the Treatment of Vertebral Compression Fractures in a Cancer Patient with Neurological Deficits and Anterior Vertebral Wall Destruction
Byung Gun Lim, MD, PhD, Jea Yeun Lee, MD, Mi Kyoung Lee, MD, PhD, Dong Kyu Lee, MD, PhD, Jun Suk Kim, MD, PhD, and Sang Sik Choi, MD, PhD | 539 |
| ◆ | An Analysis of Reasons for Failed Back Surgery Syndrome and Partial Results After Different Types of Surgical Lumbar Nerve Root Decompression
Andrey Bokov, PhD, Alexey Istrellov, PhD, Alexander Skorodumov, PhD, Alexander Aleynik, Alexander Simonov, PhD, and Sergey Mlyavkyh, PhD | 545 |

NON-INTERVENTIONAL TECHNIQUES

- | | | |
|---|---|-----|
| ◆ | Predictors for Persistent Neuropathic Pain - A Delphi Survey
Sabine Boogaard, MSc, Martijn W. Heymans, PhD, Jacob Patijn, MD, PhD, Henrica CW de Vet, MD, PhD, Catharina G. Faber, MD, PhD, Madelon L. Peters, PhD, Stephan A. Loer, MD, PhD, Wouter WA Zuurmond, MD, PhD, and Roberto SGM Perez, PhD | 559 |
|---|---|-----|

LETTERS TO THE EDITOR

- | | | |
|---|---|-----|
| ◆ | Vertebral Augmentation and Radiation Therapy: Which Should be Given First to Patients with Malignant Vertebral Compression Fractures?
Zhiyong Sun, MD, Huan Zhao, MD, and Huilin Yang, MD | 569 |
| • | In Response: Timing of EBRT Did Not Affect Comparison
Ariel E. Hirsch, MD, Albert J. Yoo, MD, and Joshua A. Hirsch, MD | 570 |
| ◆ | Feasibility Study of Rapid Opioid Rotation and Titration: Is It Truly Feasible or Paradoxical?
Xiulu Ruan, MD | 571 |
| • | In Response: Study Not Designed To Address Socio-Economic Issues
Marina Korkmazsky, MS, OMS-III, and Marco Pappagallo, MD | 572 |

November/December 2011, Volume 14, Number 6 (cont.)

INDEXES 2011

Index by Issue	573
Authors Index	583
Key Words Index	586