

Friday, November 12, 2004

## Refresher Course Lectures

### Pain imaging

- To discuss the recent advances in pain imaging and their potential clinical applications

### Tricyclic antidepressants

- To describe the different analgesic mechanisms of action of TCAs and the current literature on the current and future clinical applications

### Consequences of neural ablation

- To understand basic science mechanisms associated with peripheral nerve injury
- To understand basic science mechanisms associated with central nervous system injury
- To understand basis for pharmacological treatment of nerve-injury-related pain.

### COX expression in inflammatory and post-surgical pain

- To discuss the differences between inflammatory and postoperative pain models in the development of central hyperalgesia and their potential implications for the treatment of patients with chronic pain
- To present recent information regarding potential side effects and complications associated with COX-2 inhibitors

### What is new in membrane stabilizing agents?

- To discuss the mechanism of actions of the different anticonvulsants available for the treatment of patients with neuropathic pain

### PRO-CON: Fluoro versus non-fluoro guided epidural injections

- To debate the need to use fluoroscopy for epidural steroid injections

### PRO-CON: Provocative discography prior to intervention

- To debate the use of provocative discography prior to surgical discectomy and fusion

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## Parallel Session 1

### What is new in the world of opiates?

Moderator: Michel Y. Dubois, MD

- To discuss new concepts on Mu receptor function
- To present information suggesting that opiates may induce hyperalgesia
- To discuss immunologic changes associated with opiate use
- To address clinical issues regarding methadone use

## Parallel Session 2

### An update on intrathecal therapy

Moderator: Marc A. Huntoon, MD

- Discuss the use of opiates and the implications of catheter granuloma on drug and patient selection.
- Overview the current basic science of spinally administered drugs, in the context of patient safety and evidence of efficacy.
- Discuss problems with intrathecal delivery implants, and how consensus data reconciles with practice styles.
- Relate a surgeon's perspective on the state of implantable delivery devices.

Saturday, November 13, 2004

## Parallel Session 3

### The mind and body interface and pain medicine

Moderator: Allen H. Lebovits, PhD

- To recognize the role of mind-body interactions in pain
- To identify the reasons for evaluating patients from a psychological perspective.
- To review the concurrent psychopathology that many pain patients present with.
- To discuss the important interactions of depression and anxiety with pain.

## Parallel Session 4

### Update on minimally invasive procedures for intervertebral disc pathology

Moderator: James P. Rathmell, MD

- Discuss the use of intradiscal electrothermal therapy (IDET) including patient selection and clinical outcomes associated with this treatment.
- Discuss the available techniques, patient selection, and clinical outcomes for percutaneous discectomy.
- Explain the techniques available for endoscopic and microscopic discectomy and the outcomes associated with use of these techniques.
- Discuss available techniques, patient selection, and clinical outcomes for laser discectomy.

## Parallel Session 5

### Running a pain practice and making a living out of it

Moderator: Timothy R. Deer, MD

- Review the recommended compliance policies of the Office of the Inspector General for small practices.
- Review the important points in creating a practice compliance plan.
- Review the role of the national Medicare Carrier Advisory Committee in compliance.
- Review the role of the Local Review Policies of Medicare.

## Parallel Session 6

### Neurology and pain medicine

Moderator: Timothy J. Ness, MD, PhD

- To understand the etiologies of pains of neurological origin
- To acquire knowledge related to the clinical evaluation of pains of neurological origin.
- To acquire knowledge related to the procedural and medical treatment of pains of neurological origin.

Sunday, November 14, 2004

## CME Breakfast Symposium: Palliative care and end of life issues

Moderator: Gilbert J. Fanciullo, MD

Gilbert J Fanciullo, MD; James Cleary, MD

- Aim is to provide a perspective on the teachings of major world religions on end of life care and to explore how this impacts anesthesiologists in their care of patients near the end of life.

## Parallel Session 7

### Current issues on substance abuse in chronic pain management

Moderator: Joseph Molea, MD, CAP, CHE

- Increase participants awareness of substance use disorder and addiction as a primary disease entity
- Highlight the clinical application of this conception within the frame work of addiction medicine.

- Assess the grasp of objectives 1 & 2 through case presentations that illustrate how understanding substance use disorder and addiction as a primary disease entity needing specialized approaches will resolve clinical dilemmas for the pain management physician and provide better care for the patient.
- Educate the participants on addiction medicine resources available to assist in the evaluation, referral, and management of patients with co-occurring chronic pain and substance use or other addictive disorders.

## Workshop Objectives

### Workshops #1 & 2: Diagnosis and treatment of cervical and thoracic pain

- To discuss the differential diagnosis of a patient with cervical pain including AA and AO joint pain, facet joint pain, IDD, third occipital nerve neuralgia, etc.
- To demonstrate radiofrequency ablation techniques including usage of the RF machine.
- To explain practical uses of radiofrequency for common procedures and discuss strategies to optimize results
- To discuss patient selection and methods to predict optimal patient response.

### Workshops #3 & 4: Diagnosis and treatment of low back pain

- To discuss the differential diagnosis of a patient with non-axial low back pain including but not limited to facet joint disease, sacro-iliac joint disease, piriformis muscle syndrome, etc.
- To demonstrate radiofrequency ablation techniques including usage of the RF machine.
- To explain practical uses of radiofrequency for common procedures and discuss strategies to optimize results.
- To discuss patient selection and methods to predict optimal patient response.

### Workshops #5 and #6: Discography, IDET, nucleoplasty and other disc therapies

- To demonstrate fluoroscopic needle positioning for safe entry to the intervertebral disc
- To discuss the current role of discography and compare it to other diagnostic techniques
- To discuss patient selection criteria for IDET, nucleoplasty and other intradiscal therapies
- To discuss antibiotic prophylaxis, complications, and strategies to overcome difficult placement

### Workshops #7 and #8: Intrathecal pumps for pain management

- To demonstrate the implantation techniques for intrathecal devices.
- To explain current controversies regarding intraspinal pump selection, trial methods, and discuss complications including catheter granuloma.
- Compare the current use of single intraspinal medications with poly-pharmaceutical infusion therapy.

### Workshops #9 and #10: Spinal and peripheral nerve stimulators for the treatment of chronic pain

- To discuss the indications for spinal versus peripheral nerve stimulation
- To present information on spinal stimulation lead design, multiple lead placement and practical patient management strategies
- To discuss the differential diagnosis and a therapeutic strategy for patients with a spinal cord stimulator and pain recurrence
- To present the management of potential complications associated with these techniques

## Master Class Objectives

### Master Class 1: Common problems in pediatric pain and their management

Santhanam Suresh, MD

- Organization of an acute pain service for pediatric patients.
- Common pediatric postoperative pain management problems including patient controlled analgesia and continuous epidural analgesia.
- Weaning from opioids: what are our options?
- Alternate pain management techniques in children

### Master Class 2: The law and pain management: Consent form, contracts, patient dismissal, drug testing

Jennifer Bolen, JD; Rafael V. Miguel, MD

- Identify legal requirements for documenting pain management cases and the use of controlled substances to treat patients in pain.
- Identify major clinical decisions and documentation when prescribing controlled substances to treat patients in pain.
- Properly document: Patient History and Pain Assessment; Treatment Plans and Modifications; Informed Consent (Risks and Benefits of Chronic Opioid Therapy); Issues Related to Screening Patients for Substance Abuse History; Follow-Up Reviews of the Patient and Treatment Plan; Medications Prescribed and Issues Raised Relating to Patient Accountability, including urine monitoring issues and aberrant behaviors; Consultations and Referrals; Patient Discharges; and Compliance with Laws and Regulations
- Identify several of the risks and benefits related to medical file documentation.
- Conduct a self-audit of existing documentation related to the use of controlled substances to treat pain.
- Establish an in-house training program on proper documentation in pain management and the use of controlled substances to treat pain.

### Master Class 3: Chronic non-oncological pelvic pain

Sunil J. Panchal, MD; Timothy J. Ness, MD, PhD

- To be aware of scientific studies related to male and female chronic pelvic pain syndromes.
- To acquire knowledge related to the procedural treatment of chronic pelvic pain.
- To acquire knowledge related to the medical treatment of chronic pelvic pain.

### Master Class 4: Bring your tough cases: An open interaction forum

Richard W. Rosenquist, MD; Marc A. Huntoon, MD; F. Michael Ferrante, MD

- Understand evaluation of the pain patient.
- Discuss differential diagnosis and how it affects treatment plan.
- Understand the application of various treatment regimens to difficult pain conditions.
- Understand the relative success rates of various treatment regimens and how they relate to obtaining informed consent and providing realistic expectations.
- Discuss when to stop aggressive interventional therapies.

## PBLD Objectives

Problem-based learning discussions will offer the opportunity for group discussion with faculty and other attendees of common clinical problems. The format will address aspects of clinical decision-making including intraoperative management and possible intra- and postoperative pain and other management dilemmas.