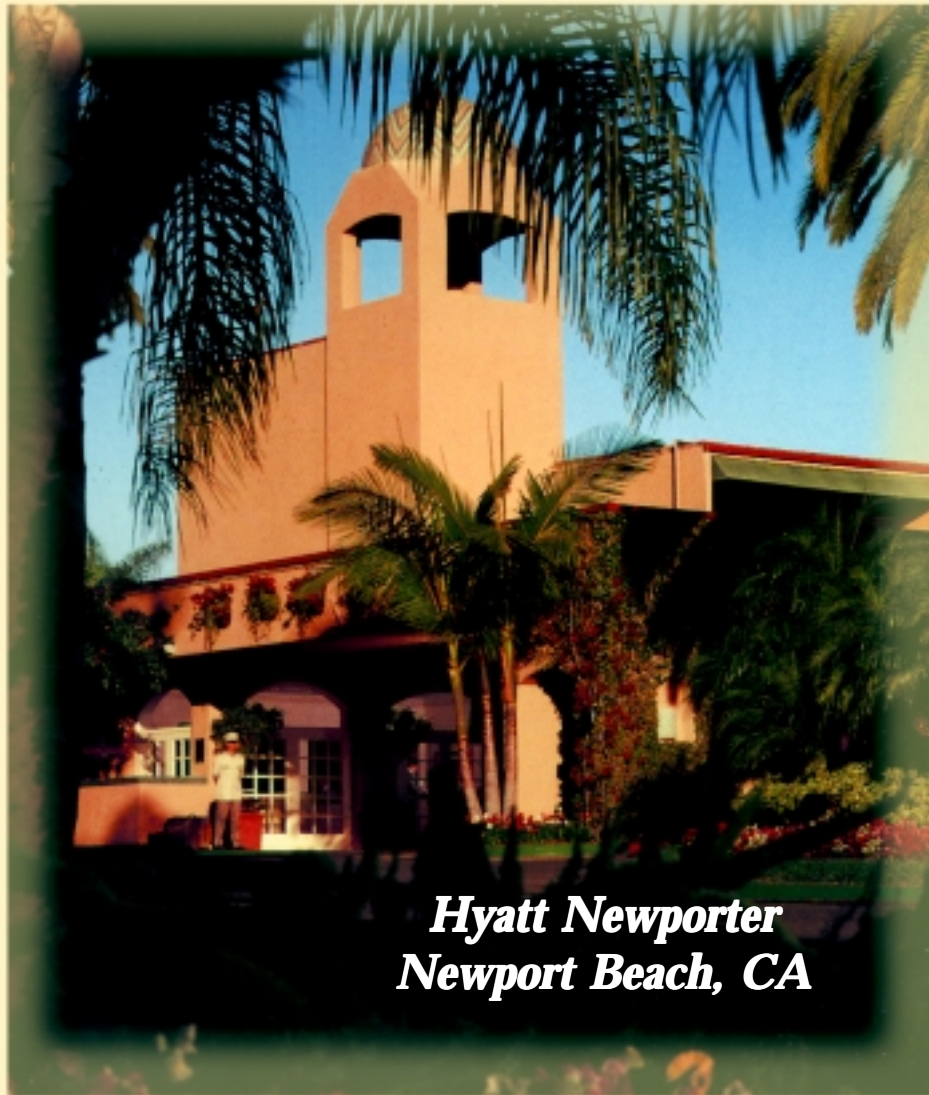


8TH ANNUAL COMPREHENSIVE REVIEW OF PAIN MANAGEMENT

August 2-5, 2001



*Hyatt Newporter
Newport Beach, CA*



American Society of Regional
Anesthesia & Pain Medicine
P.O. Box 11086
Richmond, VA 23230-1086

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Objective

This four-day symposium comprehensively reviews the essential aspects of the field of Pain Medicine. This symposium is designed to exhaustively review the knowledge base that should be acquired during a full year Pain fellowship. Selected topics include aspects of chronic, acute, and cancer pain.

Accreditation

The American Society of Regional Anesthesia and Pain Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Society of Regional Anesthesia and Pain Medicine designates this continuing medical education activity for 23.5 credit hours in Category 1 of the Physicians Recognition Award of the American Medical Association. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

General Information

- Registration fee includes: Syllabus, (4) Breakfasts, (7) Breaks, Reception and a Dinner hosted by Purdue Pharma
- Accompanying person fee includes: (4) Breakfasts, (7) Breaks, Reception and a Dinner hosted by Purdue Pharma
- Hotel Rooms are subject to availability

Hotel Information

The hotel is on 26 acres of beautifully landscaped grounds overlooking the Back Bay of Newport Beach. It features:

- 3 pools and whirlpools
- 9-hole executive Par 3 golf course
- tennis courts
- fitness center

Self parking at the hotel is \$8 a day or \$9 overnight; Valet parking at the hotel is \$9 a day and \$12 overnight.

The hotel is minutes from Balboa Island, Fashion Island, South Coast Plaza, Irvine and the Newport Harbor area, central to Edison International Field, Laguna Beach, Disneyland and Universal Studios; 5 miles to John Wayne/Orange County Airport and 50 miles to LAX.

Air Transportation

Association Travel Concepts (ATC) has been selected as the official travel agency for the 8th Annual Comprehensive Review of Pain Management, August 2-5, 2001, at the Hyatt Newporter, Newport Beach, California.

By calling ATC, you will receive 10-15% off airline tickets purchased more than 60 days prior to your travel dates or a 5-10% discount for tickets purchased less than 60 days prior to the convention.

ATC offers the lowest available fares on ANY airline traveling to the Los Angeles area; advance seat assignments; special advance meal requests on airline flights; frequent flier programs; electronic ticketing; and Email access for convenient booking of your tickets.

To take advantage of these rates contact Association Travel Concepts: **Phone: 1-800-458-9383; Email: atc@asntravel.com; or fax (858) 581-3988.** ATC is available 6:00 am - 5:30 pm PST Monday through Friday.

Thursday, August 2

Moderator: F. Michael Ferrante, MD

Mechanisms and Neuropathic Pain

7:00am Continental Breakfast with Exhibitors

8:00am ***Mechanisms of Tissue Injury Pain States*** - Tony L. Yaksh, PhD

This lecture will identify the advances and the current understanding of the organization of the afferent pathways through which injury-induced input is processed. These insights will consider the physiology of the primary afferents, anatomy of the dorsal horn, ascending pathways, and the thalamic and cortical projections. In addition, the pharmacology of the peripheral and central terminals of the primary afferent will be reviewed. Central nervous system mechanisms related to the regulation of sensory processing will also be reviewed. Specific receptor systems to be considered include those which suppress (and produce analgesia: opioids and α_2) and facilitate (produce hyperalgesia: glutamate), nociceptive transmission.

9:00 am ***Mechanisms of Neuropathic Pain*** - Tony L. Yaksh, PhD

This lecture will review the peripheral and central (spinal) sequelae associated with compression/section of the peripheral nerve. Specific attention will be focused on the origin of spontaneous activity and chemical sensitivity in the injured axon, the role of growth factors, sympathetic innervation of the injury site and the dorsal root ganglion, sprouting within the central nervous system and the preclinical pharmacology associated with these organizational changes after nerve injury.

10:00am Break with Exhibitors

10:30am ***Pharmacologic Mechanisms of Common Analgesics (NSAIDs, Opioids, Antidepressants, Anticonvulsants, α -Adrenergic Agents)*** - Tony L. Yaksh, PhD

This lecture will review the pharmacologic basics underlining the use of opioids, antidepressants, anticonvulsants and α -adrenergic agents.

11:15 am ***Clinical Neuropathic Pain States (including Postherpetic Neuralgia and CRPS)*** - James P. Rathmell, MD

This lecture will promote an understanding of pathophysiologic and clinical distinctions between neuropathic and nociceptive pain. The attendee will gain increased familiarity with several neuropathic pain syndromes. This lecture will also attempt to integrate a discussion of pharmacologic and anesthetic approaches used in the treatment of various neuropathic pain states into the body of the lecture.

12:00 noon Lunch on your own

1:00pm ***Local Anesthetics*** - Vincent W.S. Chan, MD, FRCPC

At the conclusion of this lecture, the registrant should be able to:

- Review local anesthetic pharmacology and pharmacokinetics
- Describe recent advances in local anesthetics
- Outline clinical use in pain management
- Review systemic local anesthetic toxicity

2:00pm ***Sympathetic Blocks*** - James P. Rathmell, MD

This lecture will review the anatomy of the stellate ganglion and lumbar paravertebral sympathetic chain. Intravenous phentolamine will also be discussed. The indications and techniques of sympathetic nerve blocks will be addressed. The science of sympathetic nerve blockade will be reviewed.

3:00pm Break with Exhibitors

3:30pm ***Spinal Cord Stimulation*** - James P. Rathmell, MD

This lecture will evaluate the role of spinal neurostimulator techniques in the management of pain. The hypothesized mechanisms of action will be presented. Equipment, surgical techniques and implantation methods will also be discussed.

4:45pm ***Workshop-2hrs*** (Rathmell, Ferrante)

Sympathetic Blocks - Neurolytic Blocks for Cancer Pain - 2 hrs (Limited to 25 Registrants)

Problem-based Learning - 1 hr each (Rosenquist, Kim)

4:45pm ***CRPS - 1 hr*** (Limited to 10 Registrants)

5:45pm ***PHN - 1 hr*** (Limited to 10 Registrants)

Friday, August 3

Moderator: James P. Rathmell, MD

Cancer and Back Pain

7:00am	Continental Breakfast with Exhibitors	
8:00am	<i>Evaluation and Management of Cancer Pain</i> - Vincent W.S. Chan, MD, FRCPC At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Describe the elements of assessment of the patient with cancer-related pain.• Recognize the optimal use of opioids and adjuvant analgesics in treating cancer-related pain.• Identify common symptoms occurring in patients with cancer, including nausea, constipation, dyspnea, and agitation, and describe their appropriate management.	
9:00am	<i>Neurolytic Techniques</i> - F. Michael Ferrante, MD At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Identify the role of neuroablative techniques in managing cancer-related pain.• Explain the anatomy and technique of common neurolytic blocks including celiac plexus and superior hypogastric plexus blocks.• Name the most common solutions used for chemical neurolysis and the risks and benefits associated with each.• Report the most recent scientific evidence regarding the usefulness of neurolytic techniques for treating cancer-related pain.	
10:00am	Break with Exhibitors	
10:30am	<i>Implantable Drug Delivery Systems (IDDS)</i> - F. Michael Ferrante, MD At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Describe the various available implanted drug delivery systems and the benefits and limitations associated with each system.• Identify the role of neuraxial drug delivery in managing chronic non-cancer and cancer-related pain.• Recognize the most recent scientific evidence regarding the usefulness of neuraxial drug delivery in treating cancer and non-cancer pain.	
11:15am	<i>Back Pain: Pathophysiology and Interventions</i> - F. Michael Ferrante, MD At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Describe the clinical presentation and underlying pathophysiology of common disorders that present with back pain.• Describe available interventional modalities for treating back pain.• Construct a treatment algorithm for the appropriate use of interventional modalities in the treatment of back pain.• Report the most recent scientific evidence regarding the usefulness of interventional modalities in treating back pain.	
12:00 noon	Lunch on your own	
1:00pm	<i>Neuroradiology of Back Pain</i> - James P. Rathmell, MD At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Construct an approach to the radiographic diagnosis of various conditions that present with back pain.• Explain the use of plain radiography, computed tomography, and magnetic resonance imaging in the diagnostic evaluation of back pain.	
2:00pm	<i>Myofascial Pain</i> - Richard W. Rosenquist, MD At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Describe the clinical presentation and management of common myofascial pain disorders.• Explain existing diagnostic criteria and the controversy surrounding fibromyalgia as a discrete clinical entity.• Identify the role of treatment modalities including trigger point injections and physical therapy in managing the patient with myofascial pain.	
3:00pm	Break with Exhibitors	
3:30pm	<i>Rehabilitation of Back Pain</i> - Divakara Kedlaya, MD At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Describe the physiatrist's approach to treating acute and chronic back pain.• Distinguish between functional restoration and alternate approaches to treating back pain.• Describe the role of physical therapy, occupational therapy and the treatment modalities they employ in treating patients with chronic back pain.• Explain the physiatrist's role in the evaluation and management of work-related back pain.	
4:45pm	<i>Workshop-2hrs</i> (Kim, Ferrante, Deer) <i>Spinal Cord Stimulation and Implantable Drug Delivery Systems (IDDS)</i> - 2 hrs (Limited to 25 Registrants)	<i>Problem-based Learning-1 hr each</i> (Rosenquist, Rathmell) 4:45pm <i>Myofascial Pain - 1 hr</i> (Limited to 10 Registrants) 5:45pm <i>Chronic Radiculopathy - 1 hr</i> (Limited to 10 Registrants)
5:30pm	Reception with Exhibitors	

Saturday, August 4

Moderator: Richard W. Rosenquist, MD

Back Pain (continued) and Multiple Disease States

7:00am	Continental Breakfast with Exhibitors	
8:00am	Radiofrequency Ablation - Philip S. Kim, MD At the conclusion of this lecture, the registrant should be able to identify the basic principles of radiofrequency, clinical indications, and application in one's practice.	
9:00am	New Techniques A (IDET, vertebroplasty, pulsed RF) - Philip S. Kim, MD At the conclusion of this lecture, the registrant should be able to identify the basic concepts, current clinical indications and future of these treatment modalities (IDET, vertebroplasty, pulsed RF) in current interventional pain practices.	
10:00am	Break with Exhibitors	
10:30am	Radiation Safety - Philip S. Kim, MD At the conclusion of this lecture, the registrant should be able to explain the basic core concepts of radiation safety in the use of fluoroscopy machines.	
11:15am	Psychopharmacology for the Pain Patient - Scott M. Fishman, MD At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Distinguish the significant psychiatric comorbidities in pain management patients• Recognize the broad nature of analgesics that overlap with psychopharmacological agents• Identify optimal treatment strategies for using psychotropics in pain management• Describe basic pitfalls in using analgesic and psychotropic agents	
12:00 noon	Lunch on your own	
1:00pm	Managing the Difficult Patient in Pain - Scott M. Fishman, MD At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Recognize the difficult position that physicians and patients accept in the pain management arena• Describe familiar patterns of dysfunctional behavior in patients with pain• Identify familiar responses of physicians to dysfunctional pain-related behavior• Distinguish optimal management strategies for the behaviorally difficult patient	
2:00pm	Pelvic and Abdominal Pain - Richard W. Rosenquist, MD At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Identify the anatomy of abdomen and pelvis• Describe the diagnostic evaluation of pelvic and abdominal pain• Recognize the treatment options available for pelvic and abdominal pain and their application	
3:00pm	Break	
3:30pm	Acute Pain - Vincent W.S. Chan, MD, FRCPC At the conclusion of this lecture, the registrant should be able to: <ul style="list-style-type: none">• Identify postsurgical pain and other causes of acute pain• Describe anesthetic and non anesthetic treatment modalities for acute pain• Recognize indications, contraindications and complications of acute pain treatment options	
4:45 pm	Workshop-2hrs (Kim, Benzon)	Problem-based Learning-1 hr each (Rosenquist, Fishman)
	Radiofrequency - 2 hrs (Limited to 25 Registrants)	Pelvic and Abdominal Pain - 1 hr (Limited to 10 Registrants) Acute Pain - 1 hr (Limited to 10 Registrants)

Sunday, August 5

Moderator: Vincent W.S. Chan, MD, FRCPC

Multiple Disease States

7:00am Continental Breakfast

8:00am ***Issues of Addiction and Compliance in Opioid Therapy*** - Scott M. Fishman, MD

At the conclusion of this lecture, the registrant should be able to:

- Describe the prevalence of opioid addiction during chronic opioid therapy
- Recognize drug compliance and medication contract issues
- Identify important medico-legal issues that must be considered when prescribing chronic opioid therapy

9:00am ***Headache*** - Honorio T. Benzon, MD

At the conclusion of this lecture, the registrant should be able to:

- Classify types of headache and discuss diagnostic criteria for headache syndromes
- Identify current concepts and pathophysiology of common headache syndromes e.g., migraine, cluster and tension-type headaches
- Restate the principles of pharmacologic and non-pharmacologic treatments

10:00am Break

10:30am ***Neck Pain*** - Honorio T. Benzon, MD

At the conclusion of this lecture, the registrant should be able to:

- Describe the classification of neck pain and their common causes
- Identify methods of clinical evaluation and imaging techniques for diagnosis
- Recognize medical and surgical treatment options of neck pain

11:15am ***Phantom Limb Pain*** - Richard W. Rosenquist, MD

At the conclusion of this lecture, the registrant should be able to:

- Recognize current concepts and understanding of phantom limb pain
- Describe clinical features and differential diagnosis for this condition
- Identify current and future therapies for prophylaxis and treatment

12:00 noon ***Travel Home***



The American Society of Regional Anesthesia & Pain Medicine

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Phone: (804) 282-0010; Fax: (804) 282-0090

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Registration

(Please Print or Type)

ASRA 8th Annual Comprehensive Review of Pain Management • August 2-5, 2001

Mail or Fax to: ASRA, P.O. Box 11086, Richmond, VA 23230-1086 / Fax (804) 282-0090

Name _____ MD PhD Other _____

Last First MI

Address _____

City, State, Zip _____

Day time phone (_____) _____ Fax (_____) _____

E-mail _____

Accompanying Person(s): _____

Registration Fees

	Through June 8, 2001	After June 8, 2001	
ASRA, ESRA, LASRA, AOSRA Members	\$575	\$650	\$ _____
Resident, Fellow Member ⁽¹⁾	\$325	\$425	\$ _____
Non-Member ⁽²⁾	\$750	\$825	\$ _____
Resident, Fellow Non-Member ⁽¹⁾⁽²⁾	\$355	\$455	\$ _____
RN	\$355	\$455	\$ _____
CRNA	\$750	\$825	\$ _____
Accompanying Person(s) # _____ x	\$75	\$75	\$ _____

Please select 1st, 2nd and 3rd choice for each day - Registration for workshops are limited to 25 participants; PBLs are limited to 10 participants.

Thursday, August 2, 2001

_____ Sympathetic Blocks, Neurolytic Blocks for Cancer-2 hr (4:45 pm Workshop)	\$125	\$150	\$ _____
_____ CRPS-1 hr (4:45 pm PBL)	\$30	\$35	\$ _____
_____ PHN-1 hr (5:45 pm PBL)	\$30	\$35	\$ _____

Friday, August 3, 2001

_____ Spinal Cord Stimulation and Implantable Drug Delivery Systems-2 hr (4:45 pm Workshop)	\$125	\$150	\$ _____
_____ Myofascial Pain-1 hr (4:45 pm PBL)	\$30	\$35	\$ _____
_____ Chronic Radiculopathy-1 hr (5:45 pm PBL)	\$30	\$35	\$ _____

Saturday, August 4, 2001

_____ Radiofrequency-2 hr (4:45 pm Workshop)	\$125	\$150	\$ _____
_____ Pelvic Abdominal Pain-1 hr (4:45 pm PBL)	\$30	\$35	\$ _____
_____ Acute Pain-1 hr (5:45 pm PBL)	\$30	\$35	\$ _____

One-Day Registration, # days _____ x \$275 \$300 \$ _____

Dates: Aug. 2 Aug. 3 Aug. 4 Aug. 5

Grand Total \$ _____

(1) With letter from Program Director (2) A portion of this fee may be applied toward membership

If paying by check, check must be in US funds payable to **ASRA**

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How did you hear about the meeting? Website Printed Program
 Word of mouth ASA Calendar of Meetings Other _____

Full refund through June 8, 2001. 20% administrative fee between June 9, 2001-July 9, 2001. NO refund after July 9, 2001.

Register Online at: www.asra.com

