

**American Association
for Hand Surgery**

January 12-15, 2011

**American Society
for Peripheral Nerve**

January 14-16, 2011

**American Society for
Reconstructive Microsurgery**

January 15-18, 2011

AAHS / ASPN / ASRM

2011 ANNUAL SCIENTIFIC MEETINGS



Jointly sponsored by



AMERICAN SOCIETY OF
PLASTIC SURGEONS

American Society
of Plastic Surgeons

with



American Association
for Hand Surgery



American Society
for Peripheral Nerve



American Society for
Reconstructive Microsurgery

Cancun Mexico

Messages from the Program Chairs

American Association for Hand Surgery



The 2011 meeting theme will be that of "Collegiality". With this as the goal, the program is centered on interactive participant educational activities covering the breadth of problems related to the hand and upper limb.

Along with the traditional opportunities to present new information in the form of free papers, there will be over 25 Instructional Courses with faculty comprised of internationally renowned hand surgeons and occupational and physical therapists focusing on many contemporary clinical problems. The formats will be case-based and feature best practices, patient safety, with analysis of outcomes.

Over the 3½ days, the meeting will include a number of panel discussions focusing on unsolved problems such as carpal instabilities, flexor tendon repair and reconstruction, and options of soft tissue coverage. In addition, these panels will cover the efficacy of new technologies, robotic surgery, and therapy best practices.

Along with the Presidential address given by Dr. Lee Osterman, featured speakers will include Professor John Stanley of Wrightington in the UK and Aron Ralston, author and adventurer.

The program provides for ample time for collegial interchange of ideas and new concepts as well as a stimulating and educational 3½ days in Cancún.

Jesse Jupiter, MD
Program Chair

American Society for Peripheral Nerve



Ahhh....Cancún and the Ritz Carlton, what a fantastic combination for the annual meeting of the American Society of Peripheral Nerve!

We have a fantastic meeting planned and

are glad to have you join us. The program will span three days, and be the most fully integrated meeting along with AAHS and ASRM groups ever. On Friday we will begin our meeting and join together with AAHS for combined panel sessions and talks. Saturday will showcase the coming together of all three societies for shared interests that will be of interest to all.

Our combined day meeting highlight will be a talk from acclaimed network news anchor Bob Woodruff. Bob was critically injured when his embedded unit was struck by an IED in Iraq. Bob and his wife Lee have written an inspirational book about their experiences with his injuries and his remarkable recovery. It is only fitting that he will be able to share some of his thoughts with those people who dedicate their lives to similar reconstruction.

Sunday will conclude the meeting with more panels and talks exclusive to ASPN, but will also feature more integration of overlapping interests with our other sister organization, ASRM. I would like to sincerely thank ASPN President, Paul Cederna, and Jesse Jupiter and Joan Lipa, program directors for AAHS and ASRM respectively, as well as the other leadership of all three organizations for their assistance and support in making this the most integrated annual meeting in our history.

David L. Brown, MD
Program Chair

American Society for Reconstructive Microsurgery



Tides of Change

The ASRM Program Committee is looking forward to welcoming you to The Ritz Carlton Cancún for our 2011 Annual Meeting. We are dedicated to

making this meeting educational, topical, interactive, and entertaining. Based on your online feedback from past meetings, we will continue to have panels with experts and provocative break-out panels and instructional courses. The Audience-Response System is being introduced for selected sessions to increase attendee participation in the more controversial panel topics and streamline voting for the popular Best Case/Best Save Presentations. More fresh, new faces have been given an opportunity to participate as invited speakers, in addition to our well-known experts, both national and international. Hot general (non-micro) reconstructive topics will be included. Dr. Gottlieb continues to Chair the Masters Series with another new theme - Tricks, Tips and Pearls: Insights from the Masters.

And we also heard that you want more "beach time" if you are going to be in such a beautiful sunny location in January. A few hours in the afternoon will either be designated as free time or optional programming, so that you can swim in the Caribbean, and then reconvene for social events and networking in the evenings at the Welcome Reception, the Poster Cocktail Reception and Best Case/Best Save, and the ASRM Closing Event.

Make sure your passports are in order, and book your flights and accommodations for this fantastic meeting in Cancún, Mexico.

Joan E. Lipa, MD, MSc
Program Chair

Join us for an unforgettable week in Cancún!



A. Lee Osterman, MD, FACS
AAHS President



Paul S. Cederna, MD
ASPN President



Peter C. Neligan, MD
ASRM President

Cancún

Cancún is the ultimate destination – situated on the south-east coast of Mexico in the Yucatan Peninsula – the warm white powdery sand beaches and turquoise crystal clear waters together with the famous Mexican hospitality make this a place like no other!

For divers and snorkelers, Cancún is a paradise. The crystal-blue Caribbean waters hold an abundance of underwater wildlife and there is some of the best scuba diving, snorkeling and fishing in the world, owing to the Great Mesoamerican Reef just off the coast of Cancún. This is the second largest reef in the world – second only to the Great Barrier Reef in Australia.

Add a full range of water sports, plus championship golf courses, and the varied choice of cuisine, from downtown traditional Mexican restaurants to ultra-chic bistros. You will find something to suit all tastes and budgets and will get fantastic service with a smile wherever you go. Cancún's Hotel Zone is renowned for its nightlife, boasting some of the best nightclubs in the world playing everything from salsa to disco to R & B – you'll find something to suit all ages and tastes.

Downtown Cancún offers a captivating mixture of tradition and modernity. If you like to enjoy a real local atmosphere in a safe and friendly environment, then this is the place to come! In downtown Cancún, you will find many small local restaurants offering regional and specialty cuisines and live music venues. There is a wide choice of shopping venues from the Mercado 28 – a handicrafts market – to the super modern shopping mall Plaza Las Americas.

Cancún's Mayan Culture is its crowning glory. The aura of mystery and majesty still lingers around the Mayan ruins and archaeological sites such as Chichen Itza, Tulum and Coba to mention but a few.

This winter, come and enjoy sunny days with average daytime temperatures of 80° Fahrenheit and a water temperature of 78° Fahrenheit. Visit Cancún's official travel website at <http://cancun.travel/en/>.

In Cancún, there really is something for everyone!

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Joint Presidential Keynote Lecture Saturday, January 15 10:00-11:00 am



Bob Woodruff joined ABC News in 1996 and has covered major stories throughout the country and around the world. He was named co-anchor of ABC's World News Tonight in December 2005. On January 29, 2006, while reporting on U.S. and Iraqi security forces, Woodruff was seriously injured by a roadside bomb that struck his vehicle near Taji, Iraq.

In February 2007, Woodruff and his wife Lee released [In an Instant: A Family's Journey of Love, Courage, and Healing](#), their personal memoir about Woodruff's recovery after his attack in Iraq and the medical and family support that helped him heal.

In April 2008, Woodruff won a Peabody Award for Wounds of War – The Long Road Home for Our Nations Veterans, a series of reports that aired on ABC. He is also the recipient of the Daniel Pearl Award for Courage and Integrity in Journalism. He has received numerous awards and citations from organizations around the country for his work on behalf of the wounded veterans.

His overseas reporting of the fallout from September 11 was part of ABC News' coverage recognized with the Alfred I. duPont Award and the George Foster Peabody Award, the two highest honors in broadcast journalism.

Before becoming a journalist, Woodruff was an attorney. But in 1989, while teaching law in Beijing, he was hired by CBS News to work as a translator during the Tiananmen Square uprising and a short time later he changed careers.

Woodruff is back at work reporting for ABC News shows on a variety of international and national stories with his "Bob Woodruff Reports" unit. Woodruff has a law degree from the University of Michigan Law School and a BA from Colgate University. He is married and has four children.



Check Out

AAHS, ASPN, and ASRM are offering reduced registration rates on all combination meeting registrations. You must register for at least 2 meetings to take advantage of the reduced rates.

Wednesday, January 12		AAHS Program
7-8 am		Instructional Courses (6 options - see p. 6)
8:10-9:30 am		Welcome & Panel : Should I Have Surgery? Will Therapy Help? What is the Evidence?
9:30-10:30 am		Panel: New Technologies in Upper Extremity Medical & Surgical Care - Current Perspectives
10:50 -11:30 am		Panel: Troublesome Fractures in the Hand
11:30 am-12 pm		Invited Guest Lecture - Stephen Sullivan
12-1 pm		Panel: Cosmetic (Rejuvenation) Hand Surgery: Form vs. Function
5-6:30 pm		"Margaritas with Mentors" Reception
6:30-8:30 pm		Welcome Reception

Thursday, January 13		AAHS Program
7-8 am		Instructional Courses (6 options - see p. 7-8)
8-8:45 am		Presidential Welcome and Obama in the OR
8:45-9:30 am		Panels A & B
9:30-10:30 am		Scientific Paper Sessions A & B
11-11:30 am		Presidential Address
11:40 am-12:30 pm		Invited Guest Lecture - Aron Ralston
12:30-1:30 pm		Lunch with Exhibits

Friday, January 14		AAHS & ASPN Programs
7-8 am		Instructional Courses (6 options - see p. 9-10)
		Instructional Courses (3 options - see p. 12)
8-10:15 am		Welcome and Panel: Innovative Hand Surgery - An International Perspective
		Welcome and Panel: Nerve Transfers
		Debates (2)
		Lecture: Nerve Surgery - An Historical Perspective
		Presidential Panel: Back to the Future - Current Advances and the Future of Nerve Surgery
10:30-11:45 am		Scientific Paper Sessions A & B
		Scientific Paper Session A
		Joint Concurrent AAHS/ASPN Panels: Assessment and Management of the Mangled Hand
		Joint Concurrent AAHS/ASPN Panels: Failed Nerve Decompression - Now What?
11:45 am-1:15 pm		Danyo Lecture - John Stanley, MBChB
		Scientific Paper Session B and Lunch
		Annual Business Meeting - AAHS Members Only
1:30-5:50 pm		Comprehensive Hand Review Course
5-6 pm		Special Session: Scientific Posters
7-10 pm		Awards Dinner Dance

Saturday, January 15		Combined Day / ASPN & ASRM Programs
7-8 am		Instructional Courses (6 options - see p. 11)
8:15-9:30 am		Presidents' Welcome and Panel: Robotic Surgery
10-11 am		Joint Presidential Keynote Lecture - Bob Woodruff
11 am-12 pm		Joint Outstanding Papers
12-1 pm		Scientific Paper Session C and Lunch
12-5 pm		Master Series - Tricks, Tips, and Pearls: Insights from the Masters
5-6 pm		Special Session: Scientific Posters
6:30-8:30 pm	ASPN/ASRM Welcome Reception	ASPN/ASRM Welcome Reception

Sunday, January 16		ASPN & ASRM Programs	
7-8:15 am	Instructional Courses (2 options - see p. 13)		
	Welcome and Panel: Lessons from the Global War on Terror - Unique Reconstructive Challenges		
8:15-9:30 am	Panel: Treatment of Migraine Headaches via Nerve Interventions		
	President's Invited Lecturer - Roger Khouri, MD		
	William G. Shaw Memorial		
9:45-10:45 am	Scientific Paper Session D		
	Concurrent Scientific Paper Sessions		
10:45-11:45 am	ASPN/ASRM Panel: Facial Paralysis	ASPN/ASRM Panel: Facial Paralysis	
11:45 am-1:30 pm	Scientific Paper Session E and Lunch		
	Instructional Courses (4 options - see p. 15)		
	Annual Business Meeting - ASPN Members Only		
1:15-2:45 pm	ASRT Update		
4-5 pm	Poster & Exhibits Reception		
5-7 pm	Best Case/Best Save		

Monday, January 17		ASRM Program	
7-8 am	Break Out Panels (4 options - see p. 15-16)		
8-9 am	YMG Panel: Lessons Learned in Practice		
9-10 am	Concurrent Scientific Paper Sessions		
10:30-11 am	Presidential Lecture		
11 am-2:30 pm	Concurrent Scientific Paper Sessions		
12:30-1 pm	Lunch with Exhibits		
1-2 pm	Godina Lecture - James Higgins, MD		
2-3:15 pm	Break Out Panels (4 options - see p. 16-17)		
6:30-8:30 pm	ASRM Social Event		

Tuesday, January 18		ASRM Program	
7-8 am	ASRM Business Meeting - ASRM Members Only		
8-9:15 am	Break Out Panels (4 options - see p. 17-18)		
9:45-10:45 am	Buncke Lecture - Julian J. Pribaz, MD		
10:45-11:45 am	Concurrent Scientific Paper Sessions		
11:45 am-12:45 pm	The Best "Back Up" Flap for Breast Reconstruction (When the DIEP Isn't Enough)		
12:45 pm	Closing Remarks		

Legend

- AAHS
- ASPN
- ASRM
- Combined



American Association for Hand Surgery

Educational Overview

The American Association for Hand Surgery Annual Meeting brings together health care professionals from North America and abroad for a three-day continuing education program featuring the best evidence of the practice of hand and upper extremity health care. The program is multifaceted and includes almost 25 instructional courses, numerous panel discussions and case-based programs, and free papers selected by a panel of experts. The learner will gain insight into both common and complex problems of the upper extremity, understand indications for surgery, therapy, outcomes of each, and potential complications of intervention.

Intended Audience

The program is intended for health care professionals involved in the assessment and management of a wide variety of common and complex conditions of the hand and upper limb.

Learning Objectives: Following completion of this activity, participants will be able to:

- Discuss clinical and basic scientific research on hand and upper extremity problems.
- Integrate principles of hand therapy with surgical management of hand and upper extremity problems.
- Evaluate surgical and nonsurgical principles of managing common hand and upper extremity problems.
- Compare the intellectual discourses through an integrated program with the related surgical societies (ASRM and ASPN) and resolve conflicts.
- Implement enhanced management of fractures, arthritis and congenital problems.
- Compare clinical and nonclinical hand therapy issues for a variety of hand problems and fractures.

Accreditation Statement and Designation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Plastic Surgeons (ASPS) and the American Association for Hand Surgery (AAHS). The ASPS is accredited by the ACCME to provide continuing medical education for physicians.

The ASPS designates this educational activity for a maximum of **17.25 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure Policy

The ASPS requires all faculty, authors, planners, reviewers, managers, and other individuals in a position to control or influence the content of an activity to disclose all relevant financial relationships or affiliations. All identified conflicts of interest must be resolved and the educational content thoroughly vetted by ASPS for fair balance, scientific objectivity, and appropriateness of patient care recommendations. The ASPS also requires faculty/authors to disclose when off-label/unapproved uses of a product are discussed in a CME activity or included in related materials.



American Society for Peripheral Nerve

Educational Overview

This program will give participants an enhanced knowledge of the pathophysiology and the management of chronic pain, including the scope and application of surgical techniques used in treating different chronic pain syndromes and recurrent entrapment neuropathy.

Intended Audience

The American Society for Peripheral Nerve (ASPN) Annual Meeting is intended for surgeons, researchers and other healthcare professionals working in disciplines related to peripheral nerve and/or neural regeneration.

Learning Objectives: Following completion of this activity, participants will be able to:

- Describe and discuss the pathophysiology and the management of chronic pain.
- Analyze and discuss the different options of managing patients with recurrent entrapment neuropathy.
- Examine the emerging technologies in the management of nerve injuries.
- Explain and discuss new advances in understanding the concept of pain.
- Describe and discuss the evolving management of different pain syndromes.

Accreditation Statement and Designation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Plastic Surgeons (ASPS) and the American Society for Peripheral Nerve (ASPN). The ASPS is accredited by the ACCME to provide continuing medical education for physicians.

The ASPS designates this educational activity for a maximum of **13.5 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure Policy

The ASPS requires all faculty, authors, planners, reviewers, managers, and other individuals in a position to control or influence the content of an activity to disclose all relevant financial relationships or affiliations. All identified conflicts of interest must be resolved and the educational content thoroughly vetted by ASPS for fair balance, scientific objectivity, and appropriateness of patient care recommendations. The ASPS also requires faculty/authors to disclose when off-label/unapproved uses of a product are discussed in a CME activity or included in related materials.



Educational Overview

After the completion of this program, participants will have an enhanced knowledge of the scope, practice and application of microsurgical techniques in breast, upper/lower extremity and head and neck reconstruction. Included will be specifics of patient and flap selection, inset techniques, and avoidance and management of complications.

Intended Audience

This educational activity is intended for surgeons and other healthcare professionals engaged in the practice of clinical reconstructive microneurovascular surgery and other complex reconstructions and/or involvement in research into and teaching of microneurovascular surgery.

Learning Objectives: Following completion of this activity, participants will be able to:

- Discuss state-of-the-art techniques in microsurgery and complex reconstruction.
- Effectively implement interdisciplinary interaction and cooperative learning among colleagues in professional practice.
- Interact professionally with micro surgeons from various countries worldwide for the beneficial exchange of medical knowledge and surgical techniques.
- Analyze current reconstructive practices and evaluate professional effectiveness with respect to best practices and patient safety.
- Differentiate new knowledge and emerging techniques in complex reconstruction and translate into clinical practice.

Commercial Support

This activity is supported by education grants from other grantor: 501c Organization, The California Pacific Medical Center.



Supported by an educational grant from Synovis, MCA.



Accreditation Statement and Designation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Plastic Surgeons (ASPS) and the American Society for Reconstructive Microsurgery (ASRM). The ASPS is accredited by the ACCME to provide continuing medical education for physicians.

The ASPS designates this educational activity for a maximum of **22.5 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure Policy

The ASPS requires all faculty, authors, planners, reviewers, managers, and other individuals in a position to control or influence the content of an activity to disclose all relevant financial relationships or affiliations. All identified conflicts of interest must be resolved and the educational content thoroughly vetted by ASPS for fair balance, scientific objectivity, and appropriateness of patient care recommendations. The ASPS also requires faculty/authors to disclose when off-label/unapproved uses of a product are discussed in a CME activity or included in related materials.



Educational Overview

This program provides an opportunity for surgeons, therapists, researchers, faculty and other healthcare professionals working in these complementary fields to share new discoveries and techniques. By learning from colleagues about cutting-edge technologies and patient-care options, participants will have a broader view of patient treatment and recovery.

Intended Audience

This educational activity is intended for healthcare professionals and researchers working in the fields of hand surgery, peripheral nerve and/or neural regeneration, and microneurovascular surgery and other complex reconstructions.

Learning Objectives: Following completion of this activity, participants will be able to:

- Discuss clinical and basic science research.
- Describe robotic applications in three fields: plastic surgery, nerve surgery and hand surgery.

Accreditation Statement and Designation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Plastic Surgeons (ASPS), the American Association for Hand Surgery (AAHS), the American Society for Peripheral Nerve (ASPN), and the American Society for Reconstructive Microsurgery (ASRM). The ASPS is accredited by the ACCME to provide continuing medical education for physicians.

The ASPS designates this educational activity for a maximum of **3.0 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure Policy

The ASPS requires all faculty, authors, planners, reviewers, managers, and other individuals in a position to control or influence the content of an activity to disclose all relevant financial relationships or affiliations. All identified conflicts of interest must be resolved and the educational content thoroughly vetted by ASPS for fair balance, scientific objectivity, and appropriateness of patient care recommendations. The ASPS also requires faculty/authors to disclose when off-label/unapproved uses of a product are discussed in a CME activity or included in related materials.

Wednesday, January 12, 2011

Specialty Day Program

6:30 – 7:00 am Continental Breakfast

7:00 – 8:00 am

Instructional Courses

1 AMA PRA Category 1 Credit™

101 Fingertip and Nailbed Injuries

Chair: Mark Belsky, MD

Instructors: Kodi Azari, MD; Jennifer Green, MD; Eric S. Wroten, MD; Jeffrey Yao, MD; Georgette Fogg, OTR/L CHT

This course is designed to cover both basic and complex injuries to the fingertip. It is based around a series of clinical cases designed to address contemporary issues regarding fracture fixation, soft tissue coverage, nail bed injury and reconstructive problems post-injury. The faculty will highlight real and potential complications and treatment pearls to avoid later problems.

Objectives: Following this session, the participant will be able to:

1. Define injury patterns and decision-making options.
2. Describe indications and surgical options for soft tissue injury and loss.
3. Outline rehabilitation modalities.
4. Gauge the extent of disability, its quantification and rating.

102 Rheumatoid Hand Reconstructions

Chair: Asif Ilyas, MD

Instructors: Brian Adams, MD; Michael Baumholtz, MD; Marco Rizzo, MD; Peter Stern, MD

With the growth of successful anti-rheumatic medications, the surgical management of the rheumatoid hand has changed significantly. This course will focus on providing a brief primer on anti-rheumatic medications, a review of the best evidence practices for rheumatoid joint arthroplasty and arthrodesis, soft tissue reconstruction, and discussion of post-surgical rehabilitation of the rheumatoid hand.

Objectives: Following this session, the participant will be able to:

1. Describe the strengths and limitations of medical management.
2. Review indications and techniques for small joint implant arthroplasty, small joint arthrodesis, and rheumatoid tendon reconstruction.
3. Identify nuances in the rehabilitation of the rheumatoid hand.

103 How to Make an Intraoperative Video

Chair: Eric Hofmeister, MD

Instructors: Matthew Bernstein, MD; Matt Concannon, MD

This course is designed to teach the requirements to produce a high-quality, complete, professional-appearing intraoperative video. Topics include patient consent, following the laws associated with HIPPA, and patient safety during the making of the video. Additional topics include discussing all equipment and software requirements, editing, final cuts and productions, and implementing videos into your practice.

Objectives: Following this session, the participant will be able to:

1. Incorporate patient consent, HIPPA, and patient safety prior to and during the making of a video.
2. Illustrate the hardware and software requirements for making a video.
3. Produce a complete, professional-appearing intraoperative video.

104 Update on Kienböck's Disease

Chair: Steve McCabe, MD

Instructors: John Stanley, MBChB; Roberta Morris, OT, CHT

Kienböck's disorder remains an enigma both regarding etiology

and optimum treatment. This course will highlight the best available evidence in staging, treatment options, outcomes, and complications. Faculty will cover rehabilitation after treatment and reconstructive procedures in detail. A series of clinical cases will challenge both the faculty and participants.

Objectives: Following this session, the participant will be able to:

1. Illustrate the radiographic staging of Kienböck's.
2. Identify the best evidence regarding outcome as well as complications.
3. Describe the indications and options of salvage procedures.
4. Discuss rehabilitation modalities and outcomes.

105 Dupuytren's Disease Update

Chair: Jaiyoung Ryu, MD

Instructors: Kyle Bickel, MD, FACS; Philip Blazar, MD; Rod Hentz, MD; Eduardo Zancolli, MD

With the advent of non- and minimally-invasive treatments of Dupuytren's disease, the indications for newer treatments versus traditional surgical approaches has become the subject of great scrutiny. This course will focus on the best available evidence regarding the outcomes of the different treatment modalities. Techniques, pitfalls, and pearls of treatment options will be highlighted as well as best practices of rehabilitation.

Objectives: Following this session, the participant will be able to:

1. Recognize the indications, techniques, and pitfalls of percutaneous fasciotomy, collagenase injections, and open partial fasciectomy.
2. Clarify the complications of each technique.
3. Tabulate rehabilitation algorithms and newer concepts.

106 Reconstruction of Post Traumatic Deformities of the Finger

Chair: Randip Bindra, MD, FRCS

Instructors: Gunter Germann, MD; Douglas Sammer, MD; Tsu-Min Tsai, MD; Sharon Andruskiwec, PT, CHT

Among the most vexing problems confronting the upper extremity surgeon and therapist involve posttraumatic deformities of the finger. These include tendon imbalance of the PIP joint; diaphyseal malunion and nonunion; and chronic instability. Non-operative as well as operative approaches, pitfalls and pearls of each, and best evidence of outcome will be addressed.

Objectives: Following this session, the participant will be able to:

1. Identify the pathomechanics of PIP deformities.
2. Summarize the indications, techniques, pitfalls and pearls of surgical treatments.
3. Identify non-operative and operative approaches to treatment.

8:10 – 8:30 am

President and Program Chairs Welcome



A. Lee Osterman, MD, FACS, AAHS President



Jesse Jupiter MD, Program Chair



Susan Michlovitz, PT, PhD, CHT, Specialty Day Chair

8:30 – 9:30 am

Panel: Should I Have Surgery? Will Therapy Help? What is the Evidence?

Moderator: Mark Baratz, MD; Gretchen Kaiser, OTD, OTR/L, MBA, CHT

Panelists: Warren Hammett, MD, DDS; Steven McCabe, MD; Stephanie Sweet, MD; Sue Blackmore, MS, OTR/L, CHT

The moderators will present a series of common problems seen and treated by both disciplines with a surgeon and a therapist giving the best evidence why their chosen approach is preferable. Topics will include trigger thumb; trigger finger with PIP flexion posture; PIP flexion contracture; deQuervains; STT arthritis; mild to moderate CTS and others to be determined by the moderators. The program will present the treatment options for common problems.

Objectives: Following this panel, the participant will be able to:

1. Assess and evaluate the different approaches of experienced surgeons and therapists in treatment of common problems such as trigger thumb, STT arthritis, and PIP flexion contracture.
2. Discuss the advantages and disadvantages of non-operative versus operative treatment for various disorders of the hand.

9:30 – 10:30 am

Panel: New Technologies in Upper Extremity Medical and Surgical Care – Current Perspectives

Moderators: Brian Adams, MD; Gretchen Kaiser, OTD, OTR/L, MBA, CHT

Panelists: John Lubahn, MD; John Taras, MD; Jeffrey Yao, MD; Rebecca von der Heyde, PhD, OTR/L, CHT

New technologies continue to emerge, yet the evidence often lags clinical utilization. It is useful to offer insight into some technologies that are currently in use. The moderators will challenge the panel to explain the virtues or problems with newer technologies in use in the surgical and rehabilitation of problems of the hand and upper limb. Examples include: onabotulinum-toxina for tendon rehab; nerve glues; colloidal collagenase; implant hemiarthroplasty of the PIP joint for acute and subacute trauma; ultrasound for diagnosis and treatment.

Objectives: Following this panel, the participant will be able to:

1. Identify the indications and techniques for using new technologies and appreciate the advantages and disadvantages of these technologies in the management of a number of conditions of the upper limb.
2. Describe outcomes of these recent developments.

10:30 - 10:50 am Coffee Break

10:50 – 11:30 am

Panel: Troublesome Fractures in the Hand

Moderator: Jesse Jupiter, MD

Panelists: Peter Tang, MD; Georgette Fogg, OTR/L CHT; Jennifer Thompson, MPT, CHT; Aviva Wolff, OTR, CHT

A number of contemporary issues exist regarding the management of fractures in the hand including the role of minimally invasive techniques, complex fractures with associated soft tissue injury, fractures of the base of the thumb, and intraarticular fractures of the metacarpals and phalanges. The faculty and participants will be challenged through a series of clinical cases.

Objectives: Following this panel, the participant will be able to:

1. Compare treatment modalities.
2. Better assess rehabilitation modalities following treatment of hand fractures.
3. Describe the decision-making process for fractures associated with major soft tissue injury.

11:30 am – 12:00 pm

Invited Guest Lecture

(not offered for credit)



Stephen Sullivan, MD

Title: Surgical Experiences While In Haiti

12:00 – 1:00 pm

Panel: Cosmetic (Rejuvenation) Hand Surgery: Form versus Function

Moderator: Laurence Glickman, MD, FRCSC, FACS

Panelists: Gunter Germann, MD; Randy Miller, MD; Cynthia Cooper, PT

An exciting new arena of hand care has centered around improving the aesthetic appearance of the hand. A number of technologies are being incorporated into practices, including fat or collagen injection, onabotulinum-toxina treatment, and laser skin treatments. The panel members will present their own experiences, indications and techniques of treatment, and the overall economics of these forms of treatment.

Objectives: Following this panel, the participant will be able to:

1. Report upon a relatively new field of reconstructive hand surgery.
2. Identify the indications, techniques, and complications of the approaches to hand rejuvenation procedures.
3. Consider patient perspectives as well as the economics of the procedures.

5:00 – 6:30 pm

“Margaritas with Mentors” Reception

See description on page 20.

6:30 – 8:30 pm

Welcome Reception

See description on page 20.

Thursday, January 13, 2011

6:30 – 7:00 am Continental Breakfast

7:00 – 8:00 am

Instructional Courses

1 AMA PRA Category 1 Credit™

107 Management of Injuries to the PIP Joint

Chair: Peter Stern, MD

Instructors: Steven Haase, MD; Thomas Hunt III, MD;

David Netcher, MD; Jorge Orbay, MD; Kristin Valdes, OTD, OTR, CHT

Injury to the PIP joint remains among the more difficult injuries to treat. This course will focus on a series of clinical cases. Participants will be exposed to a comprehensive review of fracture patterns, indications for treatment, minimally invasive versus extensile approaches, rehabilitation modalities, outcomes based on best evidence, and the assessment and management of complications.

Objectives: Following this session, the participant will be able to:

1. Detail the assessment of injury patterns.
2. Compare treatment options, including the indications, techniques and complications of each.
3. Describe recent developments in rehabilitation of PIP injuries treated non-operatively and post surgery.

108 La Federacion De La Mano: Hand Study Groups

Chair: Carlos Fernandes, MD

Instructors: Scott Kozin, MD; Lynn Festa, OTR/L, CHT; Joy MacDermid, BscPT, PhD; Susan Michlovitz, PT, PhD, CHT

Therapists devoted to the care of problems related to the upper extremity have formed “study groups” which serve to share knowledge and experience. This course will be devoted to sharing these experiences as well as to encourage others to join or begin similar groups.

Objective: Following this session, the participant will be able to explain the focus and purposes of the Hand Study Groups.

109 Principles of Tendon Transfer

Chair: John Lubahn, MD

Instructors: Neal Chen, MD; David Zelouf, MD; Tim Cooney; Terri Wolfe, OTR/L, CHT

This course on tendon transfer will include basic principles of tendon transfer, such as application of basic physiology including the BLIX curve for appropriate tension of transfers to various techniques of tendon transfer. It will also include the indications for tendon transfer, contraindications and post-operative rehabilitation.

Objective: Following this session, the participant will be able to apply new suture techniques along with traditional principles of tendon transfer to serve their patients with neuromuscular deficits requiring reconstruction.

110 Wide Awake Hand Surgery

Chair: Donald Lalonde, MD

Instructors: Sean Bidic, MD; Eric Hofmeister, MD; A. Lee Osterman, MD, FACS; Susan Kean, PT, CHT

This course will demonstrate injection techniques for hand operations such as carpal tunnel, trapeziectomy, tendon repair, finger and hand fractures, and simple tendon transfers, making it easy for observers to reproduce the techniques. Videos of the principles of intraoperative adjustments in complex hand operations with active movement by the unsedated patient before the skin is closed will illustrate the usefulness of the technique for many hand operations. Advantages of the surgeon as the sole anesthesia provider will be briefly outlined. New frontiers in hand therapy with hand therapists participating in wide awake hand surgery will be explained and concerns about adrenaline in the fingers will also be allayed.

Objectives: Following this session, the participant will be able to:

1. Inject local anesthetic and epinephrine in a tumescent fashion into the hand and forearm to delete the necessity for tourniquet and reduce or eliminate the need for sedation.
2. Make intraoperative adjustments in tendon and fracture surgery before closing the skin.
3. Educate their patients and communicate effectively with their therapists during the surgery.

111 Fractures of the Scaphoid: Pitfalls and Pearls

Chair: Stephanie Sweet, MD

Instructors: Sanjay Desai, MD; John Drewniansy, MD; William Geissler, MD; Hervey Kimball, MD; Peter Murray, MD; Paul Brach, MS, PT, CHT

Based on a series of clinical cases illustrating contemporary issues, the panel will discuss indications for surgery, outcomes of non-operative versus operative treatment; stiffness post-fracture; vascular issues; and deformity post-fracture.

Objectives: Following this session, the participant will be able to:

1. Identify indications for non-operative treatment.
2. Compare the pitfalls and pearls of percutaneous screw fixation.
3. Describe the implications of vascular problems and fracture healing.

112 Fracture Dislocations about the Elbow

Chair: David Ring, MD

Instructors: Brent Bamberger, MD; Jose Ortiz, MD; Jaiyoung Ryu, MD; Lawrence Weiss, MD; Carol Page, PT, DPT, CHT

Fracture-dislocations about the elbow represent a constellation of injuries which present unique challenges for treatment. Careful assessment of the injury patterns will lead to improvements in overall patient outcomes. This course will address contemporary issues such as when to repair or replace radial head fractures; surgical approaches and techniques of fixation of coronoid fractures; indications for primary ligament repair; indications for adjuvant external fixation; rehabilitation; and assessment and management of complications.

Objectives: Following this session, the participant will be able to:

1. Recognize the various fracture-dislocation patterns from radiographs and imaging.

2. Define the best evidence of outcomes.

3. Avoid complications of surgical treatment.

4. Describe the role of rehabilitation with an emphasis on modalities, timing, and complications.

8:00 – 8:15 am

Presidential Welcome

A. Lee Osterman, MD, FACS

8:15 – 8:45 am

Obama in the OR

Moderator: Mark Rekan, MD

Speaker: Andrew Gurman, MD

Dr. Andrew Gurman is an active AAHS member and the American Medical Association. He has been in the forefront in many aspects in current health care policy issues. Dr. Gurman will provide his perspectives on the current landscape of healthcare as well as the likely changes to come and how they may affect health care providers.

Objective: Following this panel, the participant will be able to summarize the details of the proposed changes in health care from the perspective of the AMA as well as the speaker, who is an active AAHS member.

8:45 – 9:30 am

Panel A: New Flaps for Hand Surgery (New Workhorse Flaps for the Hand)

Moderator: James Chang, MD

Panelists: Allan Bishop, MD; Jeff Friedrich, MD; William Pederson, MD; Paula Galaviz, OT

The provision of soft tissue coverage to the injured hand and upper limb remains fundamental to the care of the complex injury. There continues to be interest and research in the development of new flaps to achieve these goals. This panel will present a number of local and remote flaps which have proven predictable, durable, and versatile. The pitfalls and pearls of technique and how these new flaps compare to alternatives will be expanded upon.

Objectives: Following this panel, the participant will be able to:

1. Compare the indications, techniques, and outcomes of a variety of newer design flaps for hand and upper limb coverage.
2. Identify benefits and weaknesses of soft tissue coverage versus delayed coverage.
3. Avoid negative rehabilitation issues specific to soft tissue injury and reconstruction.

8:45 – 9:30 am

Panel B: Flexor Tendon Injuries – Master Techniques

Moderator: TBD

Panelists: Donald Lalonde, MD; John Taras, MD; Rebecca von der Heyde, PhD, OTR/L, CHT

Based upon a series of operative techniques, the panel members will present their specific techniques for a number of difficult clinical problems. These will include pulley reconstruction, flexor digitorum avulsion, zone 2 tendon repair, wide awake tendon repair, and contemporary perspectives of rehabilitation after zone 2 tendon repair.

Objectives: Following this panel, the participant will be able to:

1. Describe the repair of flexor tendon injuries.
2. Identify the newer concepts of rehabilitation post-flexor tendon repair.

9:30 – 10:30 am

Scientific Paper Sessions A&B

Throughout this program, a series of basic and clinical research

papers chosen by the Program Committee will be presented. Topics will include arthritis, congenital, peripheral nerve, trauma, tumor, tendon, and microvascular.

Objective: The participants will be exposed to ongoing research in the field of hand and upper extremity surgery and rehabilitation.

Session A Moderators: David Bozentka, MD; W.P. Andrew Lee, MD

Session B Moderator: Michael Neumeister, MD

10:30 – 10:55 am Coffee Break

11:00 – 11:30 am

Presidential Address

Title: Collegiality: The Art of the Handshake
A. Lee Osterman, MD, FACS

11:40 am – 12:30 pm

Invited Guest Lecture

(not offered for credit)



Aron Ralston – Adventurer and author of Between a Rock and a Hard Place

In 2003, pinned by a half-ton boulder for nearly a week in a remote canyon in southern Utah, Aron Ralston finally escaped by amputating his right forearm with a dull pocketknife. After applying a tourniquet, he hiked and rappelled for 5 hours through Blue John Canyon before searchers miraculously rescued him.

Ralston documented his life-altering experience and his remarkable will to survive in his best-selling book, Between a Rock and a Hard Place. His story is currently being adapted for the big screen by Oscar-winning director Danny Boyle, starring James Franco as Aron. The film, tentatively titled, '127 Hours,' is scheduled for release in November 2010.

Since his amputation – and aided by radical prosthetic devices that he helped design – he has expanded his adventures to the world's great peaks, deserts, and rivers. He is the only person to have solo climbed all 59 of Colorado's 14,000-foot-high mountains in winter; the only person with a disability to have skied from the summit of Denali, North America's tallest mountain; and in April 2009, he became the first amputee to row a raft through the Grand Canyon.

He speaks on the topics of persevering in adversity, drawing courage and strength from one's deepest relationships, and appreciating even the "boulders" of life, as they are also our blessings.

12:30 – 1:30 pm Lunch with Exhibitors

Friday, January 14, 2011

6:30 – 7:00 am Continental Breakfast

7:00 – 8:00 am

Instructional Courses

1 AMA PRA Category 1 Credit™

113 Update on Congenital Deformities - Controversies

Chair: Scott Kozin, MD

Instructors: William Cooney, MD; Neil Ford Jones, MD; Terry Light, MD

Based upon a series of clinical cases, this course will address some of the more difficult and controversial congenital deformities. The experts will be asked to not only provide their own experience, but also the best evidence in medical literature.

Objectives: Following this session, the participant will be able to:

1. Better diagnose and manage some challenging congenital anomalies.

2. Avoid complications in the treatment of complex congenital deformities.

114 Reconstruction of Malunion of the Distal Radius

Chair: David Bozentka, MD

Instructors: Philip Blazar, MD; Jesse Jupiter, MD; Andrew Koman, MD; Kristin Valdes, OTD, OTR, CHT

This course will focus on the indications for treatment, methods of pre-operative planning, and osteotomy techniques for both extra- and intra-articular malunions, types of bone graft, and post-operative rehabilitation.

Objectives: Following this session, the participant will be able to:

1. Identify the indications as well as surgical management of malunions following distal radius fractures.
2. Describe the types of bone graft or substitutes available.
3. Compare the volar versus dorsal surgical approach for creating the osteotomy.

115 CMC Arthritis Open and Arthroscopic Treatment

Chair: Mark Rekan, MD

Instructors: Alejandro Badia, MD; Eduardo Zancolli, MD; Tamera Marik, OTD, OTR/L, CHT

Arthritis at the base of the thumb is one of the most common problems seen and treated by hand surgeons and therapists. There continues to be discussion and debate about a variety of surgical and non-surgical options. This course will highlight the controversies extending from soft tissue procedures to implant arthroplasty to arthroscopic treatment, among others.

Objectives: Following this session, the participant will be able to:

1. Discuss a variety of surgical options and techniques as well as evidence-based outcomes.
2. Compare arthroscopic treatment with open surgery.
3. List rehabilitation options following surgical treatment.

116 Complex Hand Fractures and Dislocations in Contact Athletes

Chair: Michael Hayton, MD

Instructors: Thomas Graham, MD; Steven Margles, MD; Chaitanya Mudgal, MD; Aviva Wolff, OTR, CHT

This course will provide an overview of complex fractures and dislocations in athletes.

Objectives: Following this session, the participant will be able to:

1. Outline common injuries in athletes.
2. Outline the clinical assessment of these injuries including investigations.
3. Give an overview of treatment options.
4. Describe differences in the athlete compared with the rest of the population.

117 Reconstruction of the Burned Hand

Chair: Keith Brandt, MD

Instructors: Michael Neumeister, MD; Roger Simpson, MD; Jonathan Winograd, MD; Ted Chapman, MIL USA, MEDCOM, CRDAMC

Based around a series of clinical cases, the panel will discuss both common and complex problems related to both deformity and soft tissue contracture.

Objectives: Following this session, the participant will be able to:

1. Identify digital deformities secondary to thermal burn.
2. Discuss the surgical indications, techniques, and risks of deformity correction.
3. Recognize the indications and options for soft tissue reconstructions post-burn.

118 Challenges of Orthotic Selection

Chair: Rebecca von der Hyde, PhD, OTR/L, CHT

Instructors: Mark Rekant, MD; Jerry Coverdale, OT, CHT; Lynn Festa, OTR/L, CHT

This course will review evidence-based orthotic selection for common diagnoses and procedures of the upper extremity. Advanced clinical reasoning for orthotic selection based on multiple factors, including anatomy, biomechanics, surgical procedures, and clinical research, will be addressed.

Objectives: Following this session, the participant will be able to:

1. Articulate rationale for orthotic selection based on anatomy, biomechanics, surgical procedures, and clinical research.
2. Identify evidence-based orthotics for multiple diagnoses.

8:00 – 8:10 am Welcome

8:10 – 8:40 am

Panel: Innovative Hand Surgery – An International Perspective

Moderators: A. Lee Osterman, MD, FACS; Aviva Wolff, OTR, CHT

Panelists: Carlos Fernandes, MD; Alexandru Georgescu, MD; Pak Cheong Ho, MD; John Stanley, MBChB; Eduardo Zancolli, MD

This panel will highlight the exciting and innovative surgical procedures developed by some of our colleagues throughout the world.

Objectives: Following this panel, the participant will be able to:

1. Better perceive the global nature of the profession.
2. Incorporate innovative approaches to basic and complex problems of the hand and wrist.

8:40 – 8:55 am

Debate: Is the Negative Pressure Wound Dressing a Panacea or Device of the Devil?

Moderator: Randip Bindra, MD, FRCS

Debaters: Andrew Koman, MD; Jonathan Winograd, MD

The negative pressure dressing has seen wide application. However, questions remain as to its optimal utilization. This debate will put in clear perspectives the pros and cons of this technology.

Objective: Following this debate the participants will identify the affirmative values and the negative aspects of the negative pressure wound dressing.

8:55 – 9:15 am

Debate: Locked Distal Radius Plate – Holy Grail or Fool's Gold?

Moderator: Daniel Nagle, MD

Debaters: Michael Bednar, MD; Jorge Orbay, MD

The locking plate has become the choice of many for the treatment of unstable fractures of the distal radius. This debate will put into focus the benefits and the pitfalls of this technology based upon the best evidence available.

Objective: Following this debate, the participant will be able to list and assess the benefits and risk of the locking plate for the treatment of distal radius fractures.

9:15 – 10:15 am

Scientific Paper Sessions A&B

Session A Moderators: David Ring, MD; Jonathan Winograd, MD

Session B Moderators: Warren Hammert, MD; Gretchen Kaiser, OTD, OTR/L, MBA, CHT

10:15 – 10:30 am Break

10:30 – 11:00 am

Scientific Paper Sessions A&B

Session A Moderator: Renata Weber, MD; Sue Michlovitz, PT, PhD, CHT

Session B Moderators: Peter Murray, MD; Joy MacDermid, BScPT, PhD

11:00 – 11:45 am

Joint Concurrent AAHS/ASPN Panel: Assessment and Management of the Mangled Hand

Moderator: Jesse Jupiter, MD

Panelists: Neil Ford Jones, MD; Rajan Gupta, MD; L. Scott Levin, MD; William Pederson, MD; Luis Scheker, MD

This panel will present perspectives on the assessment, management, and outcomes of complex "mangling" hand and upper extremity injuries. Indications for salvage versus amputation; management of combined skeletal and soft tissue loss; and early and late reconstruction on injured structures will be discussed.

Objective: Following this panel, the participant will be able to:

1. Assess complex "mangling" hand and upper extremity injuries in order to make careful decisions regarding overall management.
2. Identify the indications for emergency free tissue transfers.
3. Define the reconstruction of bone, tendon, and nerve loss.

Joint Concurrent AAHS/ASPN Panel: Failed Nerve Decompression – Now What?

Moderator: Allen Van Beek, MD

Panelists: Allan Belzberg, MD; Tsu-Min Tsai, MD
(See page 12 for details)

11:45 am – 12:30 pm

Danyo Lecture: Medicine is Too Serious to Take Seriously



Invited Speaker: John Stanley, MBChB

Dr. John Stanley is an internationally renowned hand and upper limb surgeon from the United Kingdom who will present to us his perspectives of our profession based upon his extensive clinical experience.

Moderator: A. Lee Osterman, MD, FACS

12:30 – 1:30 pm

Annual Business Meeting (AAHS Members Only)

1:30 – 5:50 pm

Comprehensive Hand Surgery Review Course

(Additional fee required- see registration form, page 23)

Chair: Peter Murray, MD

The faculty of the Comprehensive Hand Surgery Review Course will provide an overview of the relevant subject material that is assessed on board examinations, the certificate of added qualification in hand surgery certification examination, and resident in-training examinations.

Objectives: Following this course, the participant will be able to:

1. Discuss non-operative and operative treatment approaches for various commonly encountered disorders of the hand and wrist.
2. Practice with an enhanced understanding of the indications for surgical treatment, the post-operative rehabilitation, expected outcomes, and potential complications of the most common bone, joint, nerve, and soft tissue disorders involving the hand and wrist.
3. Practice with an improved knowledge regarding the etiology, clinical presentation, physical examination findings, and diagnostic imaging features of various common disorders of the hand and wrist.
4. Recognizing various uncommon and/or unusual clinical conditions of the hand and wrist including; tumors, infections, and congenital differences.
5. Evaluate methods to avoid complications and improve patient safety.

For information on HRC sessions, titles, instructors, times and the presentation details, go to www.handsurgery.org

3:30 – 3:50 pm Break

7:00-10:00 pm

AAHS Salsa Dinner Dance

See description on page 20.

Saturday, January 15, 2011

AAHS/ASPN/ASRM Combined Day

See page 11 for complete schedule.

Saturday, January 15, 2011

6:30-8:00 am Breakfast with Exhibitors

7:00 – 8:00 am

AAHS/ASPN/ASRM Instructional Courses

1 AMA PRA Category 1 Credit™

201 Controversies in the Management of Nerve Compression in the Upper Extremity

Chair: Thomas Hughes, MD

Instructors: Tyson Cobb, MD; Neil Ford Jones, MD; John Lubahn, MD; Mary Nordlie, MS, OTR, CHT

A number of developments have occurred in the surgical management of peripheral nerve compression syndromes. This course will focus on the indications and role of minimally invasive nerve decompression as well as evaluating these procedures as compared to more traditional open surgical techniques.

Objectives: Following this session, the participant will be able to:

1. Describe the indications for endoscopic guided nerve decompression.
2. Compare the advantages and disadvantages of simple decompression versus transposition for cubital tunnel compression.
3. Gain insight into the controversy over radial tunnel compression.

202 Reconstruction of Acute and Chronic Scapholunate Ligament Injuries – How I Treat

Chair: Mark Rekanit, MD

Instructors: Steven Moran, MD; Peter Stern, MD; Jennifer Thompson, MPT, CHT

Based on a series of clinical cases, the panel will address best evidence for treatment of common fractures of the hand. The various methods of internal or external fixation versus splints or casts will be expanded upon.

Objectives: Following this session, the participant will be able to:

1. Compare treatment options for hand fractures.
2. Avoid complications of treatment and improve patient safety.

203 Cortical Plasticity and Changes with Nerve Injury

Chair: Dimitri Anastakis, MD

Instructors: Martijn Malessy, MD PhD

During this course, participants will be provided with an overview of the current understanding of cortical plasticity and of the CNS changes that occur following peripheral nerve injury (PNI). In addition, the cortical changes that occur in patients with PNI and chronic neurogenic pain will be discussed. Researchers speculate that certain patient specific cofactors that may contribute to whether or not a given nerve lesion is painful – this concept will also be presented and discussed.

Objective: Following this session, the participant will be able to:

1. Describe the CNS changes that occur following peripheral nerve injury.
2. Describe the cortical changes that occur in patients with PNI and chronic neurogenic pain.
3. List potential patient specific cofactors that may contribute to chronic neurogenic pain following PNI.

204 Adult Brachial Plexus Lesions

Chair: Allan Belzberg, MD

Instructors: Michael Dorsi, MD; Thomas Tung, MD; Justin Brown, MD
This course will review the relevant anatomy of the brachial plexus and how it is affected in trauma. We will review what factors play a role in spontaneous regeneration and how they can be used to predict prognosis as well as the various surgical options for the typical injuries seen by the nerve surgeon.

Objectives: Following this session, the participant will be able to:

1. Describe the variables related to prognosis
2. Plan for non-operative and operative care of a brachial plexus injury

205 Monitoring Technologies for Flaps and Replants

Chair: William Swartz, MD

Instructors: Darrell Brooks, MD; Alex Keller, MD; Hakim Said, MD

Clinical monitoring for picking up a venous or arterial problem with a flap or replant is the standard against which newer technologies are evaluated. This session discusses the utility, advantages, and disadvantages of newer technologies including quantitative fluorometry, fluorescent imaging, tissue saturation, and flow couplers.

Objectives: Following this session, the participant will be able to:

1. Determine the pros and cons of newer technologies for monitoring.
2. Decide which monitoring technologies to implement in practice.

206 Innovation in Free Flap Surgery

Chair: Geoff Gurtner, MD

Instructors: David Brown, MD; Paul Cederna MD

Scientific advancements in gene therapy and tissue engineering have unique applications in microsurgery and have the potential to revolutionize how we care for our patients. See how far we have come and where we still need to go.

Objectives: Following this session, the participant will be able to:

1. Demonstrate how free flaps can be modified as therapeutic delivery systems.
2. Explain how functional muscle flaps can be engineered.

8:15 – 8:30 am

AAHS/ASPN/ASRM Presidents' Welcome

A. Lee Osterman, MD, FACS, AAHS President

Paul S. Cederna, MD, ASPN President

Peter C. Neligan, MD, ASRM President

8:30 – 9:30 am

AAHS/ASPN/ASRM Panel: Robotic Surgery

Moderators: Jesse Selber, MD

Panelists: Michael Bednar, MD; Philippe Liverneaux, MD; Sijo Parekattil, MD

This panel will introduce novel robotic applications in three fields: plastic surgery, nerve surgery and hand surgery. Detailed descriptions of the robotic operative procedures; the indications and rationale behind using the robot; videos of the procedures themselves; and patient outcomes will be presented. This international panel will present the state-of-the-art in robotic microsurgery.

Objectives: Following this panel, the participant will be able to:

1. Describe the basic robotic surgical platform.
2. Innumerate advantages of the robot in minimally invasive approaches.
3. Describe ways in which robotics can be applied to plastic surgery, nerve surgery and hand surgery.

9:30 – 10:00 am Coffee Break with Exhibitors

10:00 – 11:00 am

Joint Presidential Keynote Lecture

(not for credit)



Featured Speaker: Bob Woodruff

11:00 am – 12:00 pm

AAHS/ASPN/ASRM Joint Outstanding Papers

**For additional programming-
ASPN page 12 and ASRM page 14.**

Friday, January 14, 2011

6:30 – 7:00 am Continental Breakfast

7:00 – 8:00 am

Instructional Courses

1 AMA PRA Category 1 Credit™

301 Evaluation and Treatment of Disproportionate Pain and Disability

Instructors: David Ring, MD

Disproportionate pain and disability is common, difficult to treat, and stressful for health care providers. Biomedical paradigms such as causalgia, reflex sympathetic dystrophy, sympathetic maintained pain, and complex regional pain syndrome continue to morph and evolve, have nonspecific and unreliable diagnostic criteria, and seem to be promoted by a few strong advocates. Psychologists and psychiatrists seem to understand and treat disproportionate pain and disability better, but there is little collaboration between medical and psychological experts. This course will be an open moderated discussion of these issues that should leave you a little less perplexed.

Objective: Following this session, the participant will be able to discuss methods to help patients with disproportionate pain and disability.

302 Obstetrical Brachial Plexus Palsy and Nerve Transfers

Chair: Thomas Tung, MD

Instructors: Gregory Borschel, MD; Scott Kozin, MD

This course will focus on the role of nerve transfers either as primary or secondary management of obstetrical brachial plexus palsy. Indications will be reviewed and commonly performed and established nerve transfer procedures will be discussed. Case presentations will be included in this session.

Objectives: Following this session, the participant will be able to:

1. Recognize the need for nerve transfers.
2. Describe the indications for nerve transfers.
3. Evaluate commonly performed nerve transfers.

303 Pediatric Peripheral Nerve Considerations

Co-Instructors: Howard Clarke, MD, PhD; Lynda Yang, MD, PhD

This course will review the clinical management of peripheral nerve conditions, including brachial plexus palsy, in pediatric patients with a focus on anatomy and clinical management. Topics include patient assessment, including aspects of history, physical exam, and imaging modalities; selection of patients with nerve injury for operation; and nerve conditions that require emergency / urgent management.

Objective: Following this session, the participant will be able to discuss the clinical management of peripheral nerve conditions in pediatric patients.

8:15 – 8:25 am

President and Program Chair Welcome



Paul Cederna, MD, ASPN President



David Brown, MD, Program Chair

8:25 – 9:10 am

Panel: Nerve Transfers

Moderator: Thomas Tung, MD

Panelists: Robert Spinner, MD; Lynda Yang, MD, PhD; Christine Novak, PT, MS, PhD

This panel will review the use of intra- and extra-plexal nerve transfers in the reconstruction of adult posttraumatic brachial plexus injuries. The focus will be on more recently described distal nerve transfers and indications versus or in combination with conventional proximal reconstruction. Post-operative rehabilitation and cortical re-education will also be discussed.

Objectives: Following this panel, the participant will be able to:

1. Identify the advantages and disadvantages of nerve transfers in comparison with proximal reconstruction.
2. Evaluate recently described nerve transfers for brachial plexus reconstruction.

9:10 – 9:30 am

Lecture: Nerve Surgery – An Historical Perspective

Invited Lecturer: David Kline, MD

This lecture will highlight historical changes in nerve surgery brought about by World War II. Important new changes, including grafts and other substitutes for lost length, repair methods such as entubulation, management of the all too common lesions in continuity, changes in nerve tumor and entrapment surgery and the more recent development of limb replacement research will be discussed.

Objective: Following this lecture, the participant will be able to describe the important advances in peripheral nerve surgery over the past few decades.

9:30 – 10:15 am

Presidential Panel: Back to the Future - Current Advances and the Future of Nerve Surgery

Moderator: Paul Cederna, MD, ASPN President

Panelists: Howard Clarke, MD, PhD; William Kuzon, MD; Rajiv Midha, MD

This panel will provide a summary of the major advances that have been made over the past 40-50 years in the surgical management of peripheral nerve injuries. In addition, our expert panel will provide insights into the major discoveries in peripheral nerve physiology over the past few decades. Once we understand exactly how far we have come, we will look into the future to discuss those areas in which we anticipate major advances in clinical care and basic science research in the field of peripheral nerve surgery.

Objectives: Following this panel, the participant will be able to:

1. Describe the important advances in peripheral nerve surgery over the past few decades.
2. Identify those areas which will be the major foci of clinical and basic science investigation in the future.

10:15 – 10:30 am Coffee Break with Exhibitors

10:30 – 11:00 am

Scientific Paper Session A

Throughout the program a series of basic and clinical research papers chosen by the Program Committee will be presented.

Objective: The participants will be exposed to ongoing research in the field of peripheral nerve surgery.

11:00 – 11:45 am

Joint Concurrent AAHS/ASPN Panel: Failed Nerve Decompression – Now What?

Moderator: Allen Van Beek, MD

Panelists: Allan Belzberg, MD; Tsu-Min Tsai, MD

This panel will unravel the possibilities of incorrect diagnosis, iatrogenic injury, true recurrence, and the use of diagnostic adjuncts when faced with a potential of recurrent compression of nerves.

Objective: Following this session, the participant will be able to:

1. Accurately assess nerve compression.
2. Determine when surgery or supportive care is necessary.

Joint Concurrent AAHS/ASPN Panel: Assessment and Management of the Mangled Hand

Moderator: Jesse Jupiter, MD

Panelists: Neil Ford Jones, MD; Rajan Gupta, MD; L. Scott Levin, MD; William Pederson, MD; Luis Scheker, MD
(See page 10 for details)

11:45 am – 1:15 pm

Scientific Paper Session B and Lunch

5:00 – 6:00 pm

Special Session: Scientific Posters

Join your ASPN colleagues for a series of oral poster presentations. Presenters will describe their research and answer your questions. Refreshments will be served.

Saturday, January 15, 2011

AAHS/ASPN/ASRM Combined Day

See page 11 for complete schedule.

12:00 – 1:00 pm

Scientific Paper Session C and Lunch

5:00 – 6:00 pm

Special Session: Scientific Posters

6:30 – 8:00 pm

ASPN/ ASRM Welcome Reception

See description on page 20.

Sunday, January 16, 2011

6:30 – 8:00 am Breakfast with Exhibitors

7:00 – 8:00 am

Instructional Courses

1 AMA PRA Category 1 Credit™

304 Lower Extremity Nerve Decompression in the Patient with Diabetes

Chair: A. Lee Dellon, MD

Instructors: Ivica Ducic, MD, PhD; Maria Siemionow, MD, PhD, DSc
This course will describe the neurophysiological basis for chronic nerve entrapment in patients with neuropathy and the relationship between physical diagnosis, neurosensory testing and electrodiagnostic testing in making the diagnosis of chronic nerve entrapment. Learn the operative techniques for neurolysis of the tibial and peroneal nerves at multiple sites of entrapment and review the outcomes of surgery upon restoration of sensibility and relief of pain, recovery of balance, and prevention of ulceration/amputation following nerve decompression in patients with neuropathy and chronic nerve compression.

Objectives: Following this session, the participant will be able to describe the basis for chronic nerve compression in the patient with neuropathy, how to make the diagnosis of this entrapment, and the surgical procedures to relieve symptoms and prevent ulceration/amputation.

305 Reinervating Muscle: From the Lab to the Clinic

Chair: Tessa Gordon, PhD

Instructors: K. Ming Chan, MD; Rajiv Midha, MD

Currently, there may be considerable delays before surgery commences to repair peripheral nerves that have suffered axon degeneration. Delays are frequently incurred by clinical practice to await signs of functional recovery and by limited techniques to determine whether surgery is required for axon regeneration to proceed. This course will investigate the detrimental consequences of prolonged delays between diagnosis of nerve injury requiring operative repair and the surgical repair. Instructors will present experimental findings from animal and human studies which demonstrate that brief electrical stimulation at the time of surgical repair accelerates axon regeneration and target reinnervation and that stem cells that are directed to Schwann cell phenotypes can promote regeneration through chronically denervated distal nerve stumps.

Objectives: Following this session, the participant will be able to:

1. Describe the consequences of prolonged delays between diagnosis of nerve injury requiring operative repair and the surgical repair.
2. Make more informed judgments of the timing of surgical repair of peripheral nerve injuries.

8:15 – 9:15 am

Panel: Treatment of Migraine Headaches via Nerve Interventions

Moderator: Bahman Guyuron, MD

Panelists: Ivica Ducic, MD, PhD; A. Lee Dellon, MD

This panel will review the current state of the surgical treatment of migraine headaches. Panelists will discuss how to set up a migraine practice, the patient referral pattern, patient selection, surgical maneuvers, and factors contributing to the success and failure of the operation. Cases representing the common features of the conditions that can be successfully treated with these procedures, designed to deactivate the peripheral trigger mechanisms, will be discussed.

Objective: Following this session, the participant will be able to: Describe the current state of the surgical treatment of migraine headaches.

9:15 – 9:45 am Coffee Break with Exhibitors

9:45 – 10:45 am

Scientific Paper Session D

10:45 – 11:45 am

Joint ASPN/ASRM Panel: Facial Paralysis

Moderator: Michael Klebuc, MD

Panelists: Chris Coombs, MD; Eyal Gur, MD; William Kuzon, MD; Ronald Zuker, MD

Facial reanimation surgery continues to evolve, particularly as the role of donor nerves expands. This panel joins the skills and expertise of our microsurgery and nerve societies to address the latest techniques for the treatment of complete and incomplete facial paralysis.

Objectives: Following this panel, the participant will be able to:

1. Review the technique of free-functioning muscle transfer for facial reanimation, and incorporate refinements of this technique to improve patient outcomes.
2. Identify the indications for using newer techniques of masseter facial nerve coaptation.
3. Recognize when static adjuncts can complement functional reconstruction.

11:45 – 12:45 pm

Scientific Paper Session E and Lunch

12:45 – 1:30 pm

Annual Business Meeting (ASPN Members Only)

Saturday, January 15, 2011

AAHS/ASPN/ASRM Combined Day

See page 11 for complete schedule.

12:00 – 5:00 pm

Master Series in Microsurgery

Title: Tips, Tricks and Pearls: Insights from the Masters

(Additional fee required- see registration form, page 23)

This year the Masters Series will be a little bit different and with the title *Tricks, Tips and Pearls: Insights from the Masters*, a panel of Masters will offer insight into their respective specialties.

Chair: Lawrence J. Gottlieb, MD

SuperMicrosurgery

Instructor: Joon Pio Hong, MD

Hand/Upper Extremity Reconstruction

Instructor: James Higgins, MD

Pediatric Microsurgery

Instructor: Neil F. Jones, MD

Head and Neck Reconstruction

Instructor: Ming-Huei Cheng, MD

Reconstruction Using Tissue Engineering

Instructor: Gregory R.D. Evans, MD, FACS

Breast Reconstruction

Instructor: Keith Brandt, MD

Getting Started as an Academic Reconstruction Microsurgeon

Instructor: Liza Wu, MD

Reconstructive Microsurgery in (Solo) Private Practice

Instructor: Loren Schechter, MD

Objectives: Following this course, the participant will be able to:

1. Evaluate tips, tricks and pearls of microsurgery from The Masters.
2. Apply tips, tricks and pearls of how to get started as an academic reconstructive microsurgeon.
3. Identify tips, tricks and pearls of how to be a successful reconstructive microsurgeon in private practice
4. Discuss tips, tricks and pearls of tissue engineering and its use in reconstructive surgery.

12:30 pm

Golf Tournament

(See description on page 21)

5:30 – 6:30 pm

ASRM Young Microsurgeons Group/New Member Reception (Invitation Only)

6:30 – 8:00 pm

ASPN/ASRM Welcome Reception

(See description on page 20)

Sunday, January 16, 2011

6:30 - 8:00 am Continental Breakfast

7:00 – 7:15 am

President and Program Chair Welcome



Peter C. Neligan, MD, ASRM President



Joan E. Lipa, MD, Program Chair



Michael Klebuc, MD, Co-Chair



Roman Skoracki, MD, Co-Chair

7:15 – 8:15 am

Panel: Lessons From the Global War On Terror–Unique Reconstructive Challenges

Moderator: Christopher Crisera, MD

Panelists: Kodi Azari, MD; Robert T. Howard, MD; Anand Kumar, MD; Barry Martin, MD

Military casualties are surviving with reconstructive challenges that have not been previously encountered. In particular, improvised explosive device (IED) injuries result in tissue destruction, burn injury, and infection that necessitate new approaches to subacute and late reconstructive care. This panel will address military and civilian collaboration for the treatment of head and neck and extremity injuries in these wounded warriors.

Objectives: Following this panel, the participant will be able to:

1. Appreciate the limitations and the approaches to reconstruction in the face of previously injured donor sites.
2. Understand the role of the civilian surgeon in late reconstruction to improve functional and aesthetic outcomes.

Patient safety: 0.25

8:15 – 9:15 am

President's Invited Lecturer



Roger Khouri, MD

Title: Beyond Microsurgery

Is there an alternative to flap reconstruction? Are we on the verge of supplanting tissue transfer with tissue regeneration? Dr. Khouri, a veteran microsurgeon, will give us a tantalizing glimpse of what we might provide our patients as we advance beyond microsurgery.

9:15 – 9:30 am

William G. Shaw Memorial

9:30 - 9:45 am Coffee Break with Exhibitors

9:45 – 10:45 am

ASRM Concurrent Scientific Paper Sessions

Throughout this program a series of basic and clinical research papers chosen by the Program Committee will be presented.

Objective: The participants will be exposed to ongoing research in the field of peripheral nerve surgery and reconstructive microsurgery.

10:45 – 11:45 am

ASPEN/ASRM Panel: Facial Paralysis

Moderator: Michael Klebuc, MD

Invited Panelists: Chris Coombs, MD; Eyal Gur, MD; William Kuzon, MD; Ronald Zuker, MD

Facial reanimation surgery continues to evolve, particularly as the role of donor nerves expands. This panel joins the skills and expertise of our microsurgery and nerve societies to address the latest techniques for the treatment of complete and incomplete facial paralysis.

Objectives:

Following this panel, the participant will be able to:

1. Review the technique of free-functioning muscle transfer for facial reanimation, and incorporate refinements of this technique to improve patient outcomes.
2. Identify the indications for using newer techniques of masseter-facial nerve coaptation.
3. Recognize when static adjuncts can complement functional reconstruction.

11:45 am – 1:00 pm

ASRM Break Out Panels

1.25 AMA PRA Category 1 Credits™

401 Face Transplant

Chair: David Mathes, MD

Instructors: Laurent Lantieri, MD; Maria Siemionow, MD

Face transplantation has become a reality with programs in multiple countries. However, ethical, logistical, immunosuppression, and infection issues add to the increased challenge for success of this transplant compared with other composite tissue transplants.

Objectives: Following this session, the participant will be able to:

1. Negotiate the logistics of setting up a face transplant program and the implications of failure of a face transplant.
2. Review specific considerations in protocols for tolerance for face transplant.

Patient safety: 0.25

402 Nerve Transfers, Targeted Reinnervation, & Rehabilitation in Upper Extremities

Chair: Doug Ross, MD

Instructors: Gregory Dumanian, MD; Thomas Miller, MD; Todd Kuiken

High-level upper extremity injuries, whether as a result of brachial plexus injury or amputation, leave the patient with profound impairment. Newer strategies exist to enhance the functional outcome, and these complex nerve surgeries have particular challenges in rehabilitation. This session combines surgical expertise with rehabilitation strategies.

Objectives: Following this session, the participant will be able to:

1. Identify possible nerve transfers for the plexus-injured patient, and key points in rehabilitation.
2. Examine the concept of targeted reinnervation in high-level upper extremity amputations to improve the function of myoelectric prostheses.

403 Sarcoma & Limb Salvage Reconstruction

Chair: Steven Morris, MD

Instructors: Marco Innocenti, MD; Michael Sauerbier, MD; Robert Whitfield, MD

Extremity coverage options and modalities for functional reconstruction have expanded over the past decade to solve challenging extremity defects resulting from either sarcoma surgery or trauma.

Objectives: Following this session, the participant will be able to:

1. Incorporate aesthetic and functional restoration in complex extremity defects.
2. Apply reconstructive options for upper and lower extremity salvage in practice.
3. Determine when a pedicled flap option may be preferable to a free flap option.

404 Fat Grafting and Engineering

Chair: Gregory Evans, MD, FACS

Instructors: Moustapha Hamdi, MD; Maurice Nahabedian, MD; Gino Rigotti, MD

The science of fat grafting has advanced the safety and efficacy of transfer of fat both as an adjunct to reconstruction and with the potential to replace conventional free flap transfers. This session brings together experts to highlight these advances and improve safety and results in practice.

Objectives: Following this session, the participant will be able to:

1. Describe the issues surrounding the use of autologous stem cells in fat grafting.
2. Apply fat grafting as adjuncts to reconstructive techniques.
3. Apply strategies to improve fat graft survival.
4. Consider the role of tissue engineered adipose flaps in the future of reconstruction.

Patient safety: 0.5

1:15- 2:45 pm

ASRT Update

Presenter: David Mathes, MD

This presentation will discuss the latest and clinical updates and technical issues surrounding composite tissue transplantation. The session will feature a presentation focus on critical aspects and innovations in reconstructive transplantation, as well as updated from the current CTA programs in the United States.

Objectives: Following this session, the participant will be able to:

1. Review current research and technique related to composite tissue transplantation.
2. Describe the latest technical advances in hand and face transplantation for the both the donor and recipient operations.

2:45 – 4:00 pm Break in Programming

4:00 – 5:00 pm

Poster & Exhibits Reception

(see description on page 20)

5:00 – 7:00 pm

Best Case/Best Save

Submissions of microsurgical salvage cases performed during the last year will be presented and a panel of experts will critique the submitted cases. Attendees will vote for the Best Microsurgical Save and the Best Microsurgical Case of the year. Awards will be presented at the conclusion of the session.

Supported by an educational grant from Synovis, MCA.



7:30 pm

ASRM President's Dinner (Invitation Only)

Monday, January 17, 2011

6:30 – 8:00 am Continental Breakfast

7:00 – 8:00 am

Break Out Panels

1 AMA PRA Category 1 Credit™

405 Scalp Reconstruction

Chair: Lawrence Gottlieb, MD

Instructors: Stefan Hofer, MD; Eduardo Rodriguez, MD

Because of the hair-bearing nature of the scalp, the final aesthetics of the outcome can be challenging. As well, special considerations must be given if calvarial reconstruction is required or in the face of radiotherapy. Comprehensive scalp reconstruction including non-flap, local flap, and free flap options with aesthetics in mind will be discussed.

Objectives: Following this session, the participant will be able to:

1. Incorporate aesthetic refinements for scalp reconstruction into their practice.
2. Determine the most appropriate reconstruction for complex wounds.

Patient safety: 0.25

406 Strategies for Microsurgery Practices

(Not offered for credit)

Chair: Keith Brandt, MD

Instructors: Anu Bajaj, MD; Edward Buchel, MD; Jason Rosenberg, MD
When starting out in microsurgery practice and when enhancing an established practice in this current economic situation, it is possible to incorporate strategies to improve practice and surgical efficiency, be effective with coding to optimize reimbursement, and market effectively.

Objectives: Following this session, the participant will be able to:

1. Structure a private microsurgery practice that will be successful.
2. Apply marketing strategies that can increase referrals and improve patient satisfaction.
3. Demonstrate how to optimize operative room efficiency and team dynamics.
4. Apply tips for coding effectiveness.

407 Lymphedema Treatment

Chair: Jay Granzow, MD

Instructors: David Chang, MD; Ming Heui Cheng, MD; Isao Koshima, MD

Surgical treatment for the management of postmastectomy lymphedema may involve supramicrosurgery lymphaticovenous anastomoses or vascularized lymph node transfers. Patient and technique selection will be addressed, as well as evaluation of results. Postoperative therapy and insurance and coding issues will also be discussed.

Objectives: Following this session, the participant will be able to:

1. Discuss the outcome of microsurgery techniques for the treatment of lymphedema.
2. Determine appropriate patient selection, postoperative protocols, and reimbursement.

Patient safety: 0.25

408 Preoperative Imaging in Perforator Flap Reconstruction

Chair: Michel Saint-Cyr, MD

Instructors: David T. Greenspun, MD; Thomas Hayakawa, MD; Warren Rozen, MD

Flap planning is enhanced by available imaging modalities, and may have a role in the enhancement of patient outcomes. This session reviews the anatomy of perforators, and compares modalities of CT and MR imaging versus clinical assessment alone.

Objectives: Following this session, the participant will be able to:

1. Describe relevant perforator flap anatomy as it relates to imaging.
2. Analyze CT and MR angiography images to select perforators when planning a flap.
3. Decide which (or whether) to incorporate routine preoperative imaging in practice.

Patient safety: 0.5

8:00 – 9:00 am

YMG Panel: Lessons Learned in Practice

Moderator: Robert Ferguson, MD

Panelists: John Boehmler, MD; Neil Fine, MD; L. Scott Levin, MD, FACS; John LoGiudice, MD; Michael Neumeister, MD; Vu T. Nguyen, MD; Roman Skoracki, MD

Young Microsurgeons Group Members will present hand, lower extremity, breast, and head and neck cases and the lessons they learned from those cases. A 'more senior' Active Member will review each case providing "words of wisdom" acquired through their experience.

Objectives: Following this session, the participant will be able to:

1. Understand the role of self-assessment and continuing education in practice.
2. Predict the challenges of starting in microsurgery practice and the role of mentorship and collaboration.

Patient safety: 0.5

9:00 – 10:00 am

Concurrent Scientific Paper Sessions

Throughout this program a series of basic and clinical research papers chosen by the Program Committee will be presented.

Objective: The participants will be exposed to ongoing research in the field of peripheral nerve surgery and reconstructive microsurgery.

10:00 – 10:30 am Coffee Break with Exhibitors

10:30 – 11:00 am

Presidential Lecture



Lecturer: Peter C. Neligan, MD, ASRM President

11:00 am – 12:30 pm

Concurrent Scientific Paper Sessions

Throughout this program a series of basic and clinical research papers chosen by the Program Committee will be presented.

Objective: The participants will be exposed to ongoing research in the field of peripheral nerve surgery and reconstructive microsurgery.

12:30 – 1:00 pm Lunch with Exhibitors

1:00 – 2:00 pm

Godina Lecture



Lecturer: James Higgins, MD

"Marko Godina distinguished by his tireless energy, his impeccable logic, his boundless optimism, and his contact good humor and courtesy" – G. Lister

It is these qualities that are sought after in choosing the ASRM Godina Lecturer, honoring Dr. Marko Godina, an unrivaled leader and innovator in reconstructive microsurgery whose life was tragically cut short at the young age of 43. Established by the trustees of the Marko Godina Fund, this distinguished lectureship highlights a young, upcoming microsurgeon who has demonstrated leadership, innovation and ongoing commitment to our field in the best traditions of Dr. Godina. It is a pleasure to introduce James Higgins, MD as the 2010 Godina Traveling Fellow.

2:00 – 3:15 pm

Break Out Panels

1.25 AMA PRA Category 1 Credits™

409 Practical Local Flaps for Head and Neck Reconstruction

Chair: Ernest Chiu, MD

Instructors: Jaume Masia, MD; Julian Pribaz, MD; Robert L. Walton, MD

Free tissue transfer is not always the best or complete solution for head and neck defects. This is particularly the case with nose and lip reconstruction. Other defects are suited to local flap reconstructions that, although they may still involve microvascular dissection, may take less operative time and have less donor site morbidity than free flap reconstruction. Pertinent anatomy, tips for success, and indications for various flaps including FAMM, IMAP, submental, forehead, and supraclavicular artery flaps will be covered.

Objectives: Following this session, the participant will be able to:

1. Determine when local flap options may be preferable to free flap techniques.
2. Identify problems and/or limitations associated with these flaps.
3. Improve techniques for design and dissection of local flaps used in the head and neck.

Patient safety: 0.25

410 Impact of Health Care Reform on Microsurgery—Is there One?

Chair: Scott Oates, MD

Instructors: Raj Ambay, MD; Malcolm Roth, MD

With the Health Care Reform bill signed into law in 2010, speculation as to how it will affect surgeons is the topic of conversations both in academic and private practice settings. Get the organized medicine perspective on its influence on your microsurgery practice, and learn what the implications on malpractice and coding may be.

Objective: Following this session, the participant will be able to determine the potential impact of health care reform on microsurgery practices.

411 Hand Transplant Update

Chair: W.P. Andrew Lee, MD

Instructors: Warren Briedenbach, MD; Achilles Thoma, MD

Successful hand transplantation has been carried out multiple times across the United States, and immunosuppression protocols continue to evolve. These treatments do not come without costs, which makes the topic of the economics of hand transplantation very timely in today's climate.

Objectives: Following this session, the participant will be able to:

1. Outline donor and recipient operations and evaluate long-term function.
2. Update on immunosuppression protocols and strategies to decrease immunosuppression.
3. Evaluate the economics (and sustainability) of hand transplantation.

412 Shaping in Breast Reconstruction

Moderator: Elisabeth Beahm, MD

Instructors: Pierre Chevray, MD; Jian Farhadi, MD; Maurice Nahabedian, MD

"How do they get such great results?" Learn how the experts make their breast reconstructions look like the aesthetic ideal.

Objectives: Following this session, the participant will be able to:

1. Describe the essentials of breast aesthetics to set the ideal for the reconstructive outcome.
2. Demonstrate how preoperative planning leads to easy shaping.
3. Be able to incorporate tips and tricks for shaping into breast reconstruction practice.

3:15 – 6:30 pm Break in Programming

6:30 – 8:30 pm

ASRM Social Event

See description on page 20.

Tuesday, January 18, 2011

6:30 – 8:00 am Continental Breakfast

7:00 – 8:00 am

ASRM Business Meeting (Members Only)

8:00 – 9:15 am

Break Out Panels

1.25 AMA PRA Category 1 Credits™

413 Laryngo-Tracheal Reconstruction

Chair: Peirong Yu, MD

Instructors: Ralph Gilbert, MD; Jan Jeroen Vranckx, MD

The specialized structures and functions of the larynx and trachea make their reconstruction among the most challenging in head and neck reconstruction. Alternatives to tracheal reconstruction include tissue engineering approaches and transplantation, and this panel will highlight progress that has been made and successful outcomes to date.

Objectives: Following this panel, the participant will be able to:

1. Design and carry out functioning free flap reconstruction of the partial laryngeal defect.
2. Compare the limitations and progress in tracheal tissue engineering, reconstruction, and tracheal transplantation.

414 Reviving the Failing Flap or When to Just Start Over

Chair: J. Brian Boyd, MD

Instructors: Jaco Festekjian, MD; Matthew Hanasono, MD; Babak Mehrara, MD

Impending flap failure may not be obvious at first, and failing to act in a timely fashion can have disastrous consequences. Especially early on in independent practice, the decision to go back to the OR in the middle of the night and perform under the added pressure of "I don't want to lose this flap" can be humbling. This break-out panel captures the experience of the experts.

Objectives: Following this session, the participant will be able to:

1. Determine which to trust (when clinical impression and monitoring devices don't coincide) and determine what the threshold is for returning to the OR.
2. Incorporate into practice 'lifeboats' for how to augment venous drainage of a flap.
3. Determine the indications, techniques, and outcomes for use of thrombectomy versus thrombolysis.
4. Identify the scenarios in which the flap cannot be salvaged and decide on how and when to reconstruct in the face of the flap that needs to be removed.

Patient safety: 1.0

415 Intraoperative Perforator Selection

Chair: Michael Zenn, MD

Instructors: Aldona Spiegel, MD; Claire Temple, MD

This session steps beyond pre-operative radiographic imaging in flap planning and looks at intraoperative strategies for decision-making in perforator selection, to see not only which perforator is the largest, but whether it will actually 'get the job done'.

Objectives: Following this session, the participant will be able to:

1. Describe clinical assessment and algorithms for perforator selection.
2. Summarize the additional information that can be obtained from transit time flow volume measurement and other modalities such as fluorescent imaging.

Patient safety: 0.5

416 Abdominal Wall Reconstruction

Chair: Charles E. Butler, MD

Instructors: Gregory Dumanian, MD; William Kuzon, MD

We are inundated with marketing of bioprosthesis – but when is it appropriate to use conventional prosthetics and how do we decide which bioprosthesis to use? Or when to use a flap reconstruction for a complex abdominal wall defect?

Objectives: Following this session, the participant will be able to:

1. Describe the anatomy and functional considerations in abdominal wall reconstruction.
2. Review the differences, roles, and long-term outcomes of prosthetics and bioprosthesis.
3. Be able to perform component separation with less morbidity, and understand when flap reconstruction is necessary.

Patient safety: 0.25

9:15 – 9:45 am Coffee Break

9:45 – 10:45 am

Buncke Lecture



Lecturer: Julian J. Pribaz, MD

Title: Will the 'Brave-New-World' of Transplantation be the Answer to the Limitations of Reconstructive Surgery

It is interesting that it was a plastic surgeon, Dr. Joseph Murray who ushered in the era of organ transplantation with the first human kidney transplant in 1954. This transfer of tissue required an anastomosis of the supplying artery and vein, and thus could be considered the first vascular 'flap' transfer. However, the great potential of cutaneous transfer was not realized for almost 20 years when Daniels and Taylor performed the first free tissue transfer. Over the last 35 years members of this society have made outstanding contributions in microsurgery, including fasciocutaneous flaps, perforator flaps, prefabricated flaps, free-style flaps, innervated flaps etc. Routinely, we now exceed success rates of 95%. However, despite our best efforts and the utilization of the full spectrum of techniques, many of our patients still have sub-optimal results. Have we now plateaued and reached the limits of reconstruction using conventional methods? My personal odyssey and struggles over the last 30+ years to maximize the functional and aesthetic results highlight the limitations of our current techniques. With the advent of composite tissue allotransplantation (CTA) in recent years, we have now entered a new era of repair where we can expect superior results as we are repairing 'like with like', and in far fewer steps. Although it is important to embrace change and not become complacent, CTA is unlikely to completely replace conventional methods of repair. There are obviously many unresolved issues, and CTA is currently considered to be experimental surgery. Exactly what niche CTA will eventually fill is speculative, but it does have the potential to lead to a major paradigm shift in our approach to tissue repair, with a change from our present concepts of 'Reconstruction' (using any available donor tissue) to that of 'Restoration' or 'Replication', (using exact replicas of what is missing). These exciting developments come full circle from the contributions Joseph Murray first made almost 60 years ago.

10:45 – 11:45 am

Concurrent Scientific Paper Sessions

A series of basic and clinical research papers chosen by the Program Committee will be presented.

Objective: The participants will be exposed to ongoing research in the field of peripheral nerve surgery and reconstructive microsurgery.

11:45 am – 12:45 pm

The Best "Back Up" Flap for Breast Reconstruction (When the DIEP Isn't Enough)

Moderator: Steven Kronowitz, MD

Panelists: Moustapha Hamdi, MD; Joshua Levine, MD; Gottfried Wechselberger, MD

The abdominal donor site for breast reconstruction is well-accepted as a first-line source of tissue for autogenous reconstruction. However, some candidates for reconstruction may appear "too thin" to undergo DIEP flap surgery to achieve a breast reconstruction of adequate volume to match either their contralateral breast or their expectations. This panel has experts giving their perspective on other flaps or solutions in order to manage this situation. Solutions debated will be secondary fat grafting, gracilis myocutaneous flap (TUG/TMG), GAP flap, and adding an implant to the flap reconstruction. Based on this discussion, participants will be encouraged to vote on what they feel is the best overall "back-up" flap when the DIEP isn't enough.

Objectives: Following this session, the participant will be able to:

1. Determine the pros and cons of breast reconstructive alternatives in the thin patient.
2. Incorporate management of expectations into preoperative discussion with these patients.

Patient safety: 0.25

12:45 pm

Closing Remarks



Educational Resources

PRE-SALE – AAHS 2011 Comprehensive Hand Surgery Review Course DVD (\$175)

Place your order now for the 2011 Comprehensive Hand Surgery Review Course DVD that will be recorded at this upcoming annual meeting. Chaired by Peter Murray, MD and covering 12 topics, this DVD will serve as a valuable resource. Please see the registration form in this brochure to pre-order the 2011 Course DVD. Pre-ordered DVDs will be delivered to you in early spring 2011, after the meeting.

AAHS 2010 Comprehensive Hand Surgery Review Course DVD (\$175 – Limited Quantities)

Limited quantities of the 2010 DVD are still available. The course includes 12 faculty presentations covered on board examinations, the certificate of added qualification in hand surgery certification examination, and resident in-training examinations. Recorded at the 2010 AAHS Annual Meeting, it is a resource that you will turn to again and again. Please see the registration form in this brochure to order the 2010 Course DVD. Advance orders will be available for pick-up at the 2011 Annual Meeting.

ASRM Historical DVD (\$25 - Limited Quantities)

A DVD entitled "The History of the American Society for Reconstructive Microsurgery" is available for purchase. This one hour documentary has been produced in honor of the 20th Anniversary of the esteemed Society and documents the evolution of microsurgery; with commentary from pioneers such as Harry Buncke, Robert Acland and Jim Urbaniak. The video includes the experimental and clinical history of replantation described vividly by Susumu Tamai. The timeline takes the viewer through a rich history of experimental, scientific and clinical development of the practice of microsurgery from its infancy and into the modern era. The scope of the video highlights the spectrum of techniques, including composite tissue allotransplantation, described by one of the American Pioneers of this technique Warren Breidenbach. The video is a living heritage of our exciting specialty and would benefit medical students, residents, fellows, practicing physicians and probably most importantly our patients. This documentary is a wonderful resource of information about microsurgery and certainly will inspire members to make further progress in the arena of reconstructive microsurgery. To order "The History of the American Society for Reconstructive Microsurgery" DVD, please see the registration form in this registration brochure. Ordered DVD's will be mailed directly once they have been purchased.

ASRM 2009 Masters Series (\$50 - Limited quantities)

The American Society for Reconstructive Microsurgery is pleased to present Part IV of the "Masters' Series in Microsurgery". This course was instituted in 2005 to provide an in depth description of state-of-the-art techniques pertinent to the key flaps which incorporate the breadth of reconstructive surgery. This interactive video prepared by a master surgeon will highlight technical pearls and pitfalls and address novel solutions to critical reconstructive challenges from the 2009 Annual Meeting. Ordered DVD's will be mailed directly once they have been purchased. Limited quantities available.

ASRM 2010 Masters Series (\$50 - Limited quantities)

The American Society for Reconstructive Microsurgery is pleased to present Part V of the "Masters' Series in Microsurgery". The 2010 Masters Series in Microsurgery highlighted complications and problems as seen by the experts in the field. An international panel of renowned Masters in Microsurgery presented disasters they had created, disasters they had inherited, and ways to avoid disasters. Ordered DVD's will be mailed directly once they have been purchased. Limited quantities available.

Membership Opportunities

American Association for Hand Surgery

The American Association for Hand Surgery is a cohesive mixture of highly respected professionals who work in all disciplines related to hand surgery. Members include orthopedic surgeons, plastic surgeons, general surgeons, microsurgeons, hand therapists, nurses, and basic scientists from the United States and Canada, as well as many other countries around the world. The diversity of AAHS membership fosters improved communication and sharing of ideas between health care professionals.

If you are interested in becoming a member of the AAHS, please visit the registration desk at the annual meeting, or contact the AAHS Office at (800)333-8835 or (847)228-9276, contact@handsurgery.org or www.handsurgery.org.

American Society for Peripheral Nerve

The American Society for Peripheral Nerve is an organization devoted to the promotion and development of peripheral nerve surgery. The purpose of ASPN is to stimulate and encourage study and research in the field of neural regeneration, to provide a forum for the presentation of the latest research and relevant clinical information and to serve as a unifying authority on all areas of neural regeneration and restorative neuroscience. Join a growing society and contribute to the clinical and research development in the area of peripheral nerve surgery.

If you are interested in becoming a member of ASPN, please visit the registration desk at the annual meeting or contact the ASPN Office at (847)228-3370, contact@peripheralnerve.org or www.peripheralnerve.org.

American Society for Reconstructive Microsurgery

The mission of the American Society for Reconstructive Microsurgery is to encourage, foster and advance the art and science of microsurgical and other complex reconstructions, as well as to establish a forum for teaching, research and free discussion of reconstructive microsurgical methods and principals among the members. The ASRM has been an organization for 26 years and has a strong, growing membership.

If you are interested in becoming a member of the ASRM, please visit the registration desk at the annual meeting, or contact the ASRM Central Office at (312)456-9579, contact@microsurg.org or www.microsurg.org.

Networking Events

Networking events are offered to promote collaboration in a social environment, and to enhance your meeting experience. Many of the events are included in your registration fee, and we encourage you to purchase tickets for your guests for all networking events. We recommend that you purchase guest tickets in advance, as they will be available on a very limited basis at the meeting. Attendee name badge or a guest ticket is required for all social events.

AAHS "Margaritas with Mentors" Reception

Wednesday, January 12

5:00 – 6:30 pm

1 ticket included in AAHS Registration

This late afternoon event was created for young hand surgeons and therapists (in practice five years or less) as well as those still in training to come and meet some of the seasoned AAHS members, including the President and other board members. It is a time to relax and just talk about anything over a little libation. Bring cases to discuss if you like. This is a time of enjoyment to make new friends with more seasoned folks and mingle. Also feel free to bring your partners and kids.

Ticket includes hosted beverages and light appetizers. Please see information in Welcome Reception for additional ticket availability.

AAHS Welcome Reception

Wednesday, January 12

6:30 – 8:30 pm

1 ticket included in AAHS Registration

Reconnect and reflect with fellow meeting attendees at this casual gathering on the beach in Cancún. Ticket includes hosted beverages and light appetizers.

Additional adult tickets available at \$50 each and tickets for children and young adults (5-20 years) available at \$25 each. The ticket is for admission to both the "Margaritas with Mentors" Reception and the Welcome Reception.

AAHS Salsa Dinner Dance

Friday, January 14

7:00 – 10:00 pm

1 ticket included in AAHS Registration

Salsa away the night with friends to one of the hottest bands in Cancun. After we congratulate our award recipients we'll party with a celebratory dinner and dancing. Ticket includes dinner, hosted beverages, and musical entertainment. Tropical attire.

Additional adult tickets available at \$125 each and tickets for children and young adults (5-20 years) available at \$55 each.

ASRM Young Microsurgeon's Group/New Member Reception

Saturday, January 15

5:30 – 6:30 pm

(Invitation only)

ASPN/ASRM Welcome Reception

Saturday, January 15

6:30 – 8:00 pm

1 ticket included in ASPN and ASRM registration.

Additional adult tickets available at \$50 each; tickets for children and young adults ages 5 - 17 available at \$25 each and include one drink ticket.

Join fellow ASPN and ASRM meeting-goers at the Ritz-Carlton's Beach Club for an authentic Mexican- style celebration. This casual, seaside reception will set the tone for the days of learning and networking ahead. Tickets include beverages, light hors d'oeuvres and regional entertainment. Shorts suggested, shoes optional, reception in sandy area.

ASRM Posters & Exhibits Reception

Sunday, January 16

4:00 – 5:00 pm

NEW EVENT! View and discuss fellow attendees poster presentations while mingling amongst our organizations supporters. This reception takes place just before the popular Best Case/Best Save event so come early and join us for some networking, food and beverages.

ASRM Social Event

Monday, January 17

6:30 – 8:30 pm

1 ticket included in ASRM registration.

Additional adult tickets available at \$60 each; tickets for children and young adults ages 5 - 17 available at \$30 each and do not include drink tickets.

Join us on the Ritz-Carlton's expansive new beach and Caribe Grille Terrace for a night of delectable Caribbean-Mexican cuisine and lively music. Ticket includes heavy hors d'oeuvres, hosted beverages and live entertainment. Casual attire is suggested.

ASRM Guest Fee

Have your guest or spouse join you for the ASRM social events, breakfasts, and lunches during the official dates of the ASRM Meeting (Saturday-Tuesday). Please see ASRM daily schedules for details. ASRM guests are not eligible to claim CME credit. Any attendee that plans to attend general sessions and claim CME credit must be a healthcare professional and register as a regular attendee. Cost \$250 per ASRM Guest.



Optional Tours and Activities

Cancún's rich cultural activities and adventure activities offer a unique opportunity for you to extend your visit and explore Mexico. AAHS, ASPN and ASRM have arranged for attendees to experience the best the area has to offer, with the most sophisticated tour operator in Cancún. To learn more about the tours, prices and inclusions, and to make your tour reservations, visit IVI Destination Cancún at <https://ividmc.com/tours/aahs-aspn-asrm/>. If tour ticket minimum sales are not met, some tours may be cancelled in which case all advance reservation payments will be fully refunded.

Mini Speed Boat Snorkeling Jungle Tour

Tuesday, January 18

Adults and kids 5 years and older: \$99 USD
(based on 2 per boat; must be 16 to drive)

Just minutes from our host resorts, the largest reef network in western hemisphere can be explored on your own personal water craft, a 30 HP runabout speedboat. The jungle tour features a world filled with exotic tropical sights, birds, plants and marine life. Duration: 3 Hrs. Includes: transfer to marina, motor craft for two, life jackets, snorkeling gear, taxes. Reef preservation fee and gratuities are \$5 additional and must be paid at the marina by the attendee. Attire: Wear comfortable clothing with swim suit, hat, sunglasses, towel, waterproof camera.

Xcaret

Wednesday, January 12

9:00 am – 6:30 pm

Friday, January 14

9:00 am – 6:30 pm

Adult Ticket: \$121 USD
Kids (5-11 years): \$61 USD

Xcaret (pronounced SCHA-ret) is a majestic park by the sea that features over 100 unique discovery activities. Among its greatest treasures, find underground rivers, a butterfly pavilion, a beach, inlets and Xcaret's one of a kind celebration "Xcaret Mexico Espectacular." Located 45 minutes from our host resorts. Duration: 9 Hrs. Includes: transportation, escort, admission, gratuities and tax. Attire: Wear comfortable clothing, shoes, swim suit, hat, sunglasses towel. Only biodegradable lotions allowed.



Sea Passion Sailing & Snorkeling

Friday, January 14

9:30 am – 5:00 pm

Adult Ticket \$110 USD
Kids (5-11 years): \$80

Enjoy a day of relaxation aboard this brand new 75 ft Catamaran as it silently glides over the crystal clear waters of the Isla Mujeres. On land, enjoy a private beach, lunch, shopping and water activities of your choosing. Estimated duration: 9 hours. Includes: transportation, escort, cruise, snorkeling, buffet lunch at Isla Mujeres, gratuities and tax. Attire: Wear comfortable clothing, shoes, swim suit, hat, sunglasses towel. Only biodegradable lotions allowed.



Visit Playa del Carmen

Saturday, January 15

1:00 – 6:00 pm

Offered: Sunday, January 16

4:00 – 9:00 pm

Adults and kids 5 years and older: \$34 USD

Just of the Riviera Maya, Playa del Carmen draws international visitors who seek duty free quality goods, lively dining and beachside activities. The ambiance in Playa del Carmen can be easily summed up as 'artistic' and 'bohemian', and feels like a street festival every

day. Don't miss this opportunity to visit this charming seaside town. Duration: 5 hours. Includes: transportation, escort, gratuities and tax. Attire: Wear comfortable clothing, shoes, hat, sunglasses.

Temples of Tulum Express

Tuesday, January 11

10:00 am – 3:30 pm

Saturday, January 15

12:00 – 5:30 pm

Tuesday, January 18

12:00 – 5:30 pm

Adults and kids 5 years and older:
\$63 USD

Tulum has the distinction of being one of the only known cliff-side structures overlooking the effervescent and impossibly blue Caribbean. Ancient murals are quite visible, in some cases vivid enough to make one wonder how recently the Maya actually left the grounds. Estimated duration: 5.5 Hrs. Includes: transportation, tour guide, entry fees to archeological site, taxes. Attire: Wear comfortable clothing, hat, sunglasses and bring cash for tramcar and gratuities.



Chichen Itzá: A New 7 Wonders of the World

Location

Friday, January 14

7:00 am – 7:45 pm

Wednesday, January 19

7:00 am – 7:45 pm

Adult Ticket: \$114 USD
Kids (5-11 years): \$58 USD

Chichen Itzá was founded in 445 AD and mysteriously abandoned in 1204 AD. The buildings are characterized by a fusion of architectural styles, which reflect the influence of different cultures. Estimated Duration: 12.75 hours. Includes: transportation, admission, buffet lunch with international & regional dishes, gratuities and tax. Attire: comfortable shoes and casual clothes, including hat and camera.



AAHS/ASRM 15th Annual Day at the Links

Saturday, January 15

Depart Resort at 12:30 pm for a 1:00 pm Shotgun Start

Cost: \$200 per player. Tickets are nonrefundable unless the tournament is called due to weather. Rental clubs: \$65 (pay in advance to guarantee availability)

Five minutes from our host resorts, a truly magnificent golf experience awaits on the first-class championship course at the Hilton Cancún. This year's format is a shamble, and promises an exciting challenge for all skill levels. Each member of your foursome hits a tee shot. The best drive of the team is selected, and all players play their own ball out from that point. We're looking forward to seeing you on tournament day, and will pass on more details and instructions in your meeting registration packet. Estimated duration: 5 Hrs. Includes: transportation, greens and cart fee, tournament fees, gratuities and tax.

Hotel Information

In an effort to accommodate the diverse needs of our attendees, AAHS, ASPN and ASRM have selected two of Cancún's finest resorts to play host to the 2011 meetings. The resorts are adjacent, and although they are only separated by a few minutes walk, a shuttle will be provided during peak meeting and meal times. All meetings and events will take place at The Ritz-Carlton. Register for rooms at our specially discounted rate two convenient ways: online at www.cancun-meeting.com; or by calling the resorts directly using the phone number listed on the housing form located on the website.

The Ritz-Carlton Cancún

In traditional Ritz-Carlton fashion, this resort experience enlivens the senses, instills well-being and fulfills every request with the word yes. Situated on the largest resort beach in Cancún, all rooms and suites overlook the Caribbean Sea. Service at it's finest; refined ambiance guaranteed. For more resort information visit www.ritzcarlton.com/en/Properties/Cancun.

The Le Meridien Cancún Resort & Spa

Overlooking white-sand beaches and the turquoise waters of the Caribbean Sea, Starwood's Le Meridien Resort offers the perfect blend of natural beauty, luxury, sophistication and Mayan mystique. The resort's luxurious residential-style guest rooms feature views of the Caribbean Sea or Laguna Nichupté. Amenity rich, this resort is one of the shining stars of Cancún. For more resort information, visit www.starwoodhotels.com/lemeridien/property/overview/index.html?propertyID=1877

Rates do not include tax. There will be no resort fees. The cutoff date for special room rates is 5:00 pm Central Time on December 13, 2010 or until the group block is full, whichever occurs first. We encourage early reservations to ensure room and rate availability.



Registration Information

Discounted meeting registration fees are effective through Thursday, November 11, 2010. After this date, registration fees will increase by \$100 or \$125. All registration fees are based on current membership status—see registration form.

Each meeting includes the following:

- Admission to all instructional courses, general session and panels
- Access to speaker presentations
- Breakfast, lunch and refreshment breaks served (see agenda)
- One (1) complimentary ticket to each networking event*
- Access to Exhibit Hall
- Free internet access in Exhibit Hall
- 2011 Official Program (includes abstracts)

*Complimentary tickets provided based on the meeting registration type (does not include golf tournament, optional tours or activities).

Meeting registrants will also receive these additional benefits:

- Discounted hotel rates
- Opportunity to participate in group tours and golf tournament
- Opportunity to earn credits for AMAPRA Category 1 Credits™

Additional Courses and Events

The AAHS Comprehensive Hand Surgery Review Course and the ASRM Masters Series require an additional ticket purchase. Additional networking event tickets are available for purchase. See registration form.

How to Register

Online: www.cancun-meeting.com

Fax: (312)782-0553

Mail: AAHS-ASPN-ASRM Meeting Headquarters
20 N. Michigan Ave, Suite 700
Chicago, IL 60602

Email: laurensnider@isms.org

Registrations will not be accepted via telephone.

Onsite Registration Hours

Tuesday, January 11	4:00 pm – 7:00 pm
Wednesday, January 12	6:30 am – 3:00 pm
Thursday, January 13	6:30 am – 3:00 pm
Friday, January 14	6:30 am – 6:00 pm
Saturday, January 15	6:30 am – 6:00 pm
Sunday, January 16	6:30 am – 3:00 pm
Monday, January 17	6:30 am – 3:00 pm
Tuesday, January 18	6:30 am – 1:00 pm

Cancellation Policy

Cancellations must be received in writing via fax, mail or email to the address above, prior to November 11, 2010 and are subject to approval by the AAHS/ASPN/ASRM. If approved, refunds will be issued less a \$75 processing fee. Cancellation requests received after November 11, 2010 will not receive a refund.

2011 AAHS/ASPN/ASRM Annual Meeting Registration Form

The registrant agrees to the Participant Disclaimer as noted on page 2 of this registration form. Please print or type.

I am a member of (check all that apply): ☐ ASPS ID# _____ ☐ AAHS ID# _____ ☐ ASPN ID# _____ ☐ ASRM ID# _____

FIRST NAME	LAST NAME	DESIGNATION/TITLE	BADGE NICKNAME
SUITE NUMBER	STREET ADDRESS	CITY	STATE ZIP COUNTRY
PHONE	FAX	EMAIL	

 If under the American Disabilities Act, you require specific aids, devices or other accommodations to fully participate in this meeting, please specify:
☐ Wheelchair ☐ Assisted Listening Device ☐ Other _____

If you require special meal considerations please specify your special dietary requirements:
☐ Vegetarian ☐ Kosher (additional fee may apply)
☐ Other _____

PHYSICIAN/MEDICAL PERSONNEL REGISTRATION

AAHS/ASPN/ASRM Member Category	AAHS	ASPN	ASRM	AAHS & ASPN	AAHS & ASRM	ASPN & ASRM	AAHS, ASPN & ASRM
Active Member	<input type="checkbox"/> \$800	<input type="checkbox"/> \$545	<input type="checkbox"/> \$700	<input type="checkbox"/> \$1,210	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,120	<input type="checkbox"/> \$1,635
Candidate Member	<input type="checkbox"/> \$550	<input type="checkbox"/> \$275	<input type="checkbox"/> \$375	<input type="checkbox"/> \$745	<input type="checkbox"/> \$830	<input type="checkbox"/> \$585	<input type="checkbox"/> \$960
Affiliate/Associate Member	<input type="checkbox"/> \$500	<input type="checkbox"/> \$545	<input type="checkbox"/> \$630	<input type="checkbox"/> \$940	<input type="checkbox"/> \$1,015	<input type="checkbox"/> \$1,060	<input type="checkbox"/> \$1,340
International/Corresponding Member	<input type="checkbox"/> \$600	n/a	<input type="checkbox"/> \$630	<input type="checkbox"/> \$1,030	<input type="checkbox"/> \$1,105	<input type="checkbox"/> \$1,060	<input type="checkbox"/> \$1,420
Non-Member Physician	<input type="checkbox"/> \$1,200	<input type="checkbox"/> \$745	<input type="checkbox"/> \$900	<input type="checkbox"/> \$1,750	<input type="checkbox"/> \$1,890	<input type="checkbox"/> \$1,480	<input type="checkbox"/> \$2,275
Non-Member Allied Health Professional	<input type="checkbox"/> \$700	<input type="checkbox"/> \$745	<input type="checkbox"/> \$700	<input type="checkbox"/> \$1,300	<input type="checkbox"/> \$1,260	<input type="checkbox"/> \$1,300	<input type="checkbox"/> \$1,715
Resident/Fellow (with verification letter from program chief)	<input type="checkbox"/> \$150	<input type="checkbox"/> \$445	<input type="checkbox"/> \$630	<input type="checkbox"/> \$535	<input type="checkbox"/> \$700	<input type="checkbox"/> \$970	<input type="checkbox"/> \$980
Medical Student	<input type="checkbox"/> \$150	<input type="checkbox"/> \$445	FREE	<input type="checkbox"/> \$535	<input type="checkbox"/> \$135	<input type="checkbox"/> \$400	<input type="checkbox"/> \$475
ASPN Senior Member	n/a	<input type="checkbox"/> \$275	n/a	<input type="checkbox"/> \$970	n/a	<input type="checkbox"/> \$850	<input type="checkbox"/> \$1,420
ASRM Applicant (application on file required)	n/a	<input type="checkbox"/> \$745	<input type="checkbox"/> \$700	n/a	<input type="checkbox"/> \$1,350	<input type="checkbox"/> \$1,300	<input type="checkbox"/> \$2,115
Therapist Specialty Day ONLY	<input type="checkbox"/> \$200	n/a	n/a	n/a	n/a	n/a	n/a
ADDITIONAL FEE AFTER 11/11/10 Add:	<input type="checkbox"/> \$125	<input type="checkbox"/> \$100	<input type="checkbox"/> \$125	<input type="checkbox"/> \$125	<input type="checkbox"/> \$125	<input type="checkbox"/> \$100	<input type="checkbox"/> \$125
REGISTRATION FEE SUBTOTAL							\$

ADDITIONAL COURSES (check all that apply)	Pg. #	Fee
<input type="checkbox"/> AAHS Specialty Day (Complimentary for AAHS Registrants)	6	n/a
<input type="checkbox"/> AAHS Comprehensive Hand Surgery Review Course	10	\$100
<input type="checkbox"/> ASRM Master Series (Resident/Fellows are free)	14	\$100
TOTAL ADDITIONAL COURSE SUBTOTAL	\$	

OPTIONAL TOURS AND ACTIVITIES	Fee	Qty.	Total Fee
<input type="checkbox"/> AAHS/ASRM Golf Tournament	\$200		
<input type="checkbox"/> Golf Club Rental	\$65		
For optional tours and activities reservations visit IVI Destination Cancun online at https://ivimc.com/tours/aahs-aspn-asrm/ .			
OPTIONAL TOURS AND ACTIVITIES SUBTOTAL	\$		

EDUCATIONAL RESOURCES (see page 19 for details)	Fee	Qty.	Total Fee
<input type="checkbox"/> AAHS Pre-Sale 2011 Comprehensive Hand Surgery Review Course DVD	\$175		
<input type="checkbox"/> AAHS 2010 Comprehensive Hand Surgery Review Course DVD	\$175		
<input type="checkbox"/> ASRM Historical DVD	\$25		
<input type="checkbox"/> ASRM 2009 Masters Series DVD	\$50		
<input type="checkbox"/> ASRM 2010 Masters Series DVD	\$50		
EDUCATIONAL RESOURCES SUBTOTAL	\$		

DONATIONS	Amount
<input type="checkbox"/> AAHS Hand Surgery Endowment Donation	
<input type="checkbox"/> ASRM Godina Fellowship Donation	
<input type="checkbox"/> ASRM Research Fund	
<input type="checkbox"/> ASRM Endowment Fund	
DONATIONS SUBTOTAL	\$

ADDITIONAL NETWORKING EVENT TICKETS *one ticket is included with registration	Fee	Qty.	Total Fee
<input type="checkbox"/> AAHS Welcome Reception* (Adult)	\$50		
<input type="checkbox"/> AAHS Welcome Reception (Child)	\$25		
<input type="checkbox"/> AAHS Awards Dinner Dance* (Adult)	\$125		
<input type="checkbox"/> AAHS Awards Dinner Dance (Child)	\$55		
<input type="checkbox"/> ASPN/ASRM Welcome Reception* (Adult)	\$50		
<input type="checkbox"/> ASPN/ASRM Welcome Reception (Child)	\$25		
<input type="checkbox"/> ASRM Social Event (Adult)	\$60		
<input type="checkbox"/> ASRM Social Event (Child)	\$30		
<input type="checkbox"/> ASRM Guest Fee (social events, breakfasts & lunches)	\$250		
NETWORKING EVENT TICKET SUBTOTAL	\$		

GRAND TOTAL **\$**

PAYMENT ☐ Check ☐ VISA® ☐ MasterCard®

NAME ON CARD _____

ACCOUNT NUMBER _____ / EXPIRATION DATE _____ SECURITY CODE _____

BILLING ADDRESS _____

CITY _____ STATE _____ ZIPCODE _____

SIGNATURE _____

Instructional Courses and Break Out Panels

(Please designate which courses you plan to attend based on which meeting or meetings you register for.)

AAHS Program

Specialty Day Wednesday, January 12 7:00 – 8:00 am

- ☐ 101 Fingertip and Nailbed Injuries
- ☐ 102 Rheumatoid Hand Reconstructions
- ☐ 103 How to Make an Intraoperative Video
- ☐ 104 Update on Kienböck's Disease
- ☐ 105 Dupuytren's Disease Update
- ☐ 106 Reconstruction of Post Traumatic Deformities of the Finger

Thursday, January 13 7:00 – 8:00 am

- ☐ 107 Management of Injuries to the PIP Joint
- ☐ 108 La Federacion De La Mano: Hand Study Groups
- ☐ 109 Principles of Tendon Transfer
- ☐ 110 Wide Awake Hand Surgery
- ☐ 111 Fractures of the Scaphoid: Pitfalls and Pearls
- ☐ 112 Fracture Dislocations about the Elbow

Friday, January 14 7:00 – 8:00 am

- ☐ 113 Update on Congenital Deformities - Controversies
- ☐ 114 Reconstruction of Malunion of the Distal Radius
- ☐ 115 CMC Arthritis Open and Arthroscopic Treatment
- ☐ 116 Complex Hand Fractures and Dislocations in Contact Athletes
- ☐ 117 Reconstruction of the Burned Hand
- ☐ 118 Challenges of Orthotic Selection

AAHS/ASP/ASRM Combined Program

Saturday, January 15 7:00 – 8:00 am

- ☐ 201 Controversies in the Management of Nerve Compression in the Upper Extremity
- ☐ 202 Reconstruction of Acute and Chronic Scapholunate Ligament Injuries - How I Treat
- ☐ 203 Cortical Plasticity and Changes with Nerve Injury
- ☐ 204 Adult Brachial Plexus Lesions
- ☐ 205 Monitoring Technologies for Flaps and Replants
- ☐ 206 Innovation in Free Flap Surgery

ASP/ASRM Program

Friday, January 14 7:00 – 8:00 am

- ☐ 301 Evaluation and Treatment of Disproportionate Pain and Disability
- ☐ 302 Obstetrical Brachial Plexus Palsy and Nerve Transfers
- ☐ 303 Pediatric Peripheral Nerve Considerations

Sunday, January 16 7:00 – 8:00 am

- ☐ 304 Lower Extremity Nerve Decompression in the Patient with Diabetes
- ☐ 305 Reinnervating Muscle: From the Lab to the Clinic

ASRM Program

Sunday, January 16 11:45 am – 1:00 pm

- ☐ 401 Face Transplant
- ☐ 402 Nerve Transfers, Targeted Reinnervation & Rehabilitation in Upper Extremities
- ☐ 403 Sarcoma & Limb Salvage Reconstruction
- ☐ 404 Fat Grafting and Engineering

Monday, January 17 7:00 – 8:00 am

- ☐ 405 Scalp Reconstruction
- ☐ 406 Strategies for Microsurgery Practices (*not for credit*)
- ☐ 407 Lymphedema Treatment
- ☐ 408 Preoperative Imaging in Perforator Flap Reconstruction

Monday, January 17 2:00 – 3:15 pm

- ☐ 409 Practical Local Flaps for Head and Neck Reconstruction
- ☐ 410 Impact of Health Care Reform on Microsurgery-Is there One?
- ☐ 411 Hand Transplant Update
- ☐ 412 Shaping in Breast Reconstruction

Tuesday, January 18 8:00 – 9:15 am

- ☐ 413 Laryngo-Tracheal Reconstruction
- ☐ 414 Reviving the Failing Flap or When to Just Start Over
- ☐ 415 Intraoperative Perforator Selection
- ☐ 416 Abdominal Wall Reconstruction

Participant Disclaimer

I understand that the views expressed and the subject material presented at the 2011 Annual Meetings of the American Association for Hand Surgery (AAHS), American Society for Peripheral Nerve (ASP) and American Society for Reconstructive Microsurgery (ASRM) including lectures, seminars, instructional courses, or otherwise, represent the personal views of the individual participants and do not represent the opinions of the organizations. AAHS-ASP-ASRM assume no responsibility for such views or materials, or implied for the content of any 2011 AAHS-ASP-ASRM Annual Meeting presentations. Further, AAHS, ASP & ASRM hereby acknowledge that while their broad purpose is to promote the development and exchange of knowledge pertaining to their specific specialties, it does so only in the context of a private forum without making any representation to the public whatsoever. Accordingly, the organizations declare that their primary purpose is to benefit only physician members, and responsibility of the organizations for acts or missions of AAHS-ASP-ASRM members dealing with the public is hereby expressly disclaimed.

Destination Information

Currency

The U.S. dollar and Mexican Pesos are commonly used in Mexico. Major U.S., Canadian, and European banks have branches in Cancún, and the host hotels have ATM machines that are linked to major worldwide banking networks. All major credit cards (Discover Card excluded) are widely accepted. Check up-to-date currency exchange rates at www.xe.com/ucc

Legal Drinking Age

The legal drinking age is 18 in Cancún. Please be aware that if you are traveling with children 18 and older, they are legally permitted to consume alcohol.

Electricity

The standard is 110 volts. Hotels usually offer voltage converters for 220 volt devices. Some sockets do not accept polarized or three-prong plugs.

Time Zone

Cancún operates on the Central Time Zone.

Phone and Internet Communications

Our host hotels offer high speed internet in guest rooms. Our exhibits area will also include limited, complimentary internet access during business hours. Some U.S. cell phone carriers provide coverage in Cancún. Before you leave home, be sure to check with your provider for any applicable roaming fees or set up requirements. Prepaid calling cards are also popular for keeping in touch with home. For dialing instructions to and from Cancún, visit www.howtocallabroad.com.

Security

For the convenience and security of our attendees, AAHS, ASPN and ASRM have arranged for private shuttles to and from the Cancún International Airport. We are also offering private optional tours. Private is defined as designated only for the AAHS, ASPN and ASRM attendees. Both of these conveniences are available to the attendees. We would encourage all attendees to take advantage of these services.



Transportation

Cancún Airport International (CUN)

One of the busiest airports in the Caribbean, Cancún Airport International is located approximately 15 minutes from our host resorts. Served by all major airlines, many of which offer non-stop, low cost flights, getting to Cancún is a breeze. Book early and save by using your favorite travel websites. Check out the newly renovated Cancún airport at www.cancun-airport.com.

Customs and Travel Documents

Travel into Mexico from the US and other countries requires a valid passport or tourist card. Visit: http://travel.state.gov/passport/passport_1738.html for complete instructions and U.S. travel rules.

Private Transportation

For your convenience, AAHS, ASPN and ASRM made special arrangements for attendees who are staying at the host hotels, to be greeted at the Cancún airport. Advance reservation are required. If you reserve a private SUV or van, or you choose to ride-share with other group members, our greeters will meet you outside the terminal with an AAHS-ASPN-ASRM sign and will assist you to the host hotels only: **The Ritz-Carlton** or **Le Meridien**. This service must be arranged and paid for in advance to guarantee services. One way fare in a private vehicle ranges from \$99 to \$150; shared group shuttle fare is \$24 + 15% gratuity per person one way. On your departure day, our travel partner will provide private cars, or shared shuttles from the host hotels to the airport, based on your reservation. Please visit <https://ividmc.com/tours/aahs-aspn-asrm> to make your reservations and learn more about these services. If you are staying at an alternate hotel, taxis and public shuttles are safe, and readily available at the airport.

Shuttle

Shuttle fare is \$24+15% gratuity per person one way. On your departure day, our travel partner will provide private cars, or shared shuttles to the airport based on your request. Please visit <https://ividmc.com/tours/aahs-aspn-asrm> to make your reservations.

Taxis

Taxi service is also readily available everywhere. Expect to pay \$65 plus tip airport to resort, and \$35 plus tip resort to airport. All transportation options are considered safe and reliable.

Buses

Buses run from Cancún City to the hotel zone between 6:00 am and midnight. Each segment costs about seven pesos (a little under a dollar, must use Mexican coins.)

Rental Cars

Many well known car rental agencies operate at the airport, along with a highly regulated Cancún-bound shared ride shuttle. Visit the airport's website for information on rates and schedules. Rental cars are available at the resorts, and at locations minutes from the resorts. Email the resorts' concierge for assistance by visiting the resort websites. In Cancún, drivers sit in the left seat position, and seatbelts are required. Platinum, an exotic car rental company, operates a desk at the Ritz-Carlton. Make reservations at www.platinumcarrental.com.

AAHS/ASPN/ASRM Meeting Headquarters
444 E. Algonquin Road
Arlington Heights, IL 60005

AAHS / ASPN / ASRM
January 11-17, 2012
Red Rock Casino Resort & Spa - Las Vegas



What will happen in Vegas?