CHALLENGES IN CLEFT CARE IN UNDERDEVELOPED COUNTRIES

January 16, 2011

University of Miami,
Leonard M. Miller School of Medicine
Miami, FL

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American Society of Plastic Surgeons®
American Society of Maxillofacial Surgeons®
Maxillofacial Surgeons Foundation

Supported by educational grants from
Stryker Craniomaxillofacial and Operation Smile
The course will be held at the University of Miami, Leonard M. Miller School of Medicine. The lectures will take place in the 5th Floor Auditorium in the Rosenstiel Medical Sciences Building, 1600 NW 10th Avenue, in Miami, FL.

**FACULTY**

**Yash Avashia**  
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Department Head, Plastic and Reconstructive Surgery  
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Jackson Memorial Hospital  
Ryder Trauma Center  
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Chief, Division of Pediatric Neurosurgery  
University of Miami Miller School of Medicine  
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**Joseph Rosen, MD**  
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Adjunct Professor  
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**Seth R. Thaller, MD, DMD, FACS**  
(Chair)  
Chief and Professor - Division of Plastic Surgery  
The DeWitt Daughtry Family Department of Surgery  
University Of Miami Health System  
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**Andrew Wexler, MD, MA, FACS**  
Clinical Professor  
Southern California Kaiser Permanente  
Los Angeles, CA

**Isaac L. Wornom III, MD, FACS**  
President, American Cleft Palate-Craniofacial Association  
Richmond Plastic Surgeons  
Richmond, VA

**Faculty subject to change.**

**Disclosure Policy**

The American Society of Plastic Surgeons (ASPS) requires all instructors, 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.

**LEARNING OBJECTIVES**

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

- Describe the abnormal and normal anatomy of cleft lip, palate, and nose.
- Apply the basic anatomy to perform improved cleft techniques.
- Summarize patient safety issues when embarking on overseas mission trips.
- Incorporate the new information obtained to avoid untoward sequelae.
- Apply this knowledge to the management of secondary cleft deformities.

**ACCREDITATION**

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, American Society of Maxillofacial Surgeons, and the Maxillofacial Surgeons Foundation. The American Society of Plastic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Society of Plastic Surgeons designates this educational activity for a maximum of 9 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Of the 9 credits, 1 has been identified as applicable to patient safety. 

**PROGRAM**

This course is intended for plastic surgeons and other physicians, surgeons, and ancillary allied health care workers that plan to sign up for an overseas mission trip.

**OVERVIEW**

Cleft lip/palate (CLP) consists of a spectrum of congenital defects involving the upper lip and the hard and soft palate. CLP affects millions of children and adults globally. This disorder adversely affects the child’s appearance, speech, dentition, alimentation, and hearing. Therefore, this plays a significant adverse role in normal social development. CLP has been described as the second most commonly occurring congenital anomaly after club foot. Incidence is higher within children of Asian, Latino, or Native American descent, occurring in countries possessing the best number of trained plastic surgeons and available resources.

This program will provide a review of surgical cleft care. Additional information regarding perioperative management and challenges related to providing medical and surgical care in an underdeveloped environment will also be comprehensively discussed.
Presented in Cooperation with
American Cleft Palate-Craniofacial Association
American Association of Pediatric Plastic Surgery
American Society of Craniofacial Surgery

HOUSING
The Cleft Course will be held at the University of Miami, Leonard M. Miller School of Medicine in Miami, FL. ASMS has secured a special group rate at the SpringHill Suites by Marriott Arts/Health District of $119 per night. When booking your room, please refer to the ASMS Course to secure this special rate. The cut-off date for this room rate is December 24, 2010.

SpringHill Suites by Marriott Arts/Health District
1311 NW 10th Avenue
Miami, FL 33136
Phone: 305-575-5300

REFUNDS
Cancellations must be in writing to the ASMS Office at 900 Cummings Center, Suite 221U, Beverly, MA 01915. Full refunds, less a $50 service fee, will be given if cancellation is received two (2) weeks prior to the course. Thereafter, a 50% refund will be given after deduction of the service fee. No refunds will be given once the program begins.

REGISTRATION
The meeting registration fees include the course materials, admission to the session and food and beverage. All registrants must pay the full registration fee.

Attendees may register by submitting the registration form with payment in US funds to the ASMS Offices. Registration may be submitted by fax, phone or mail. Please allow 10 days for the confirmation.

In compliance with the Americans with Disabilities Act, ASMS will make every reasonable effort to accommodate your needs. For any special requests, please call the ASMS/MSF Office at (978) 927-8330 before December 23, 2010.

University of Miami
Leonard M. Miller School of Medicine
5th Floor Auditorium – Rosenstiel Medical Sciences Building
1600 NW 10th Avenue

7:00 am Continental Breakfast and Registration
7:30 am Introduction: Goal & Objectives
7:45 am Identification of Common Goals and Aims of International Missions
Setting up Your Team Components for a Successful Trip: Plastic surgeons providing proof of competence in the procedure; outcome measurement; quality improvement; identification of common goals and aims of international missions long term benefits.
8:30 am Trip Preparation
Facility; logistical support; professional support; credentialing process; standard equipment; and training
8:45 am Patient and Team Safety
• Patient safety guidelines and recommendations
• Team safety: teamwork and recommendations for equipment
• Evidence based medicine for postoperative feeding; arm restraints; and tongue suture
9:15 am Interdisciplinary Components to a Successful Mission
• Indications for performing lip adhesions and recommended and descriptions of techniques
• Indications if any for repairing staged bilateral repair
• Recommendations for repairing a bilateral cleft lip that has encountered multiple past failures due to dehiscence
• Consideration for prolabial setback: procedures; timing
9:45 am Simulation Surgery
Role in refreshing the plastic surgeons cleft experience; use for credentialing; quantifying surgical success; and monitor outcomes
10:15 am Coffee Break – Share Experiences (open mic)
10:30 am Primary Cleft Lip Repair
• The issues involved in managing a wide unilateral cleft lip
• What is safe?
• Adult cleft lip repairs and lip adhesions
11:15 am Primary Bilateral Repair
• Indications for performing staged bilateral repair
• Are there any recommendations for repairing a bilateral cleft lip that have encountered multiple past failures due to dehiscence?
• Considerations for prolabial setback; procedures; and timing
11:45 am Secondary Deformities
• Lip and palate revisions
• Pharyngeal flaps, pharyngoplasties
• Oronasal fistulas, ABG
• Correction of cleft nasal deformities
12:15 pm Lunch – Share Experiences (open mic)
### CHALLENGES IN CLEFT CARE IN UNDERDEVELOPED COUNTRIES

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
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<tbody>
<tr>
<td>12:45 pm</td>
<td>Cleft Palate</td>
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<td>- Possible assessment of speech</td>
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<td>- Is correction of VPI indicated in a third country?</td>
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<td>- If working in a country where no post operative speech therapy is a consideration; should cleft palate be done after a certain age?</td>
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<td>- Timing of alveolar clefts</td>
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<td>1:30 pm</td>
<td>The Neurosurgeon's Experience</td>
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<td>1:45 pm</td>
<td>Role of Residents and Medical Students/Primary Care</td>
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<td>2:00 pm</td>
<td>Concept of Surgical Disease as a Treatable Role in Global Health</td>
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<td>2:15 pm</td>
<td>Safe Anesthesia in an Underdeveloped Country</td>
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<td>- Evidence based medicine detailing NPO times in infants, children, and adult patients</td>
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<td>- Information regarding clear fluids, breast milk, and regular diet</td>
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<td>- Anesthetic agents to consider or avoid</td>
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<td>- Use of Ketamine for cleft surgery</td>
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<td>- Calibration and checking of anesthesia machines</td>
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<td>- Use and obtaining reliable pulse oximeters</td>
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<td>- Other necessary anesthesia items</td>
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<td>- Diagnosis and management of malignant hyperthermia - Dantrolene; if unavailable</td>
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<td>- Utilization of postoperative pain medications, and challenges with lack of availability in developing countries.</td>
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<tr>
<td>3:00 pm</td>
<td>Coffee Break - Share Experiences (open mic)</td>
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<tr>
<td>3:15 pm</td>
<td>Nursing Issues</td>
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<td>- Challenges involving postoperative nursing care</td>
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<td>- Evidence based medicine for postoperative feeding and arm restraints (no no's) postoperatively</td>
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<td></td>
<td>- Operative needs and alternatives to safe sterilization: What is safe and what is not?</td>
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<td>- Best methods for disinfecting and sterilizing instruments</td>
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<td>- How long should instruments be disinfected? How can that be managed?</td>
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<td>- What disposable “one use items” can actually be cleaned and re-used (what can’t)?</td>
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<td>- How can these disposable items be adequately cleaned?</td>
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<td>- Other alternatives to sterilization when the autoclave breaks down</td>
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<td>3:30 pm</td>
<td>Working in the Jungle: Actual Cleft Surgery in the Bush</td>
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<td>4:00 pm</td>
<td>A Medical Student's Perspective</td>
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<td>4:15 pm</td>
<td>Role of the US Military</td>
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<tr>
<td>4:30 pm</td>
<td>Summary/Q &amp; A Session</td>
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<tr>
<td>4:45 pm</td>
<td>Program Concludes</td>
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**Fees are payable in U.S. funds only:**

- ASMS/ASPS Members, Operation Smile Physicians and Residents: $75
- Operation Smile Participants, Nurses, and Medical Students: $50
- Guest Physicians: $100
- Registrants for ASMS Basic Course: $0

Total Due: $______

*All medical students, Residents/Fellows must include a letter of sponsorship from their Program Director or faculty member.*

**PAYMENT**

- VISA®
- MasterCard®
- AMEX®

ACCOUNT NUMBER EXP. DATE/SECURITY CODE

CARD HOLDER SIGNATURE

To register, please complete the above information and send to:

**Fax** (978) 524-0498. Credit Cards Only.

**Call** (978) 927-8330. Credit Cards Only.

**Mail** 900 Cummings Center, Suite 221U, Beverly, MA 01915

Allow 10 days for processing.

Make checks payable to the **Maxillofacial Surgeons Foundation**.

**Questions?** ASMS (978) 927-8330/meetings@maxface.org