CHALLENGES DELIVERING CLEFT SURGERY IN THE UNDERDEVELOPED WORLD: LESSONS LEARNED AND HOW TO AVOID MAKING NEW ERRORS

January 27, 2013
University of Miami,
Leonard M. Miller School of Medicine
Miami, FL
INTENDED AUDIENCE
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.

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.

CORE COMPETENCIES
This program will address the following ACGME/ABMS competencies:
- Patient care and procedural skills
- Medical knowledge
- Professionalism

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

DESIGNATION
The ASPS designates this live activity for a maximum of 9.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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.

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Faculty subject to change.
This course is supported by:

![Stryker](image1.png)  Operation Smile

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**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 Miami Airport East/Medical Center of $137 per night. When booking your room, please refer to the American Society of Maxillofacial Surgeons to secure this special rate. The cut-off date for this room rate is **December 27, 2012**.

**SpringHill Suites Miami Airport East/Medical Center**

1311 NW 10th Avenue  
Miami, FL 33136  
Phone: 305-575-5300

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**REFUNDS**

Cancellations must be in writing to the ASMS Office at 500 Cummings Center, Suite 4500, Beverly, MA 01915, 60009. 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.

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**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/MSF Administrative Office. Registration can be submitted by facsimile, phone or mail. Please allow 10 days for the confirmation.

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In compliance with the Americans with Disabilities Act, ASMS/MSF will make every reasonable effort to accommodate your needs. For any special requests, please call the ASMS/MSF Office at 978-927-8330 before **January 4, 2013**.

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

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00-7:30 AM</td>
<td>Registration/Continental Breakfast</td>
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<tr>
<td>7:30-7:45 AM</td>
<td>Introduction and Presentation of Goals</td>
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<td>Seth R. Thaller, MD, DMD, FACS</td>
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<td>7:45-8:30 AM</td>
<td>Setting Up Your Team</td>
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|            | Components For A Successful Trip; Providing Proof of Competency; Facilities; Logistical Support; Interdisciplinary Components to a Successful Mission  
|            | Andrew Wexler, MD, MA, FACS; Seth R. Thaller, MD, DMD, FACS;  
|            | Warren Schubert, MD, FACS                               |
| 8:30-9:15 AM | Patient Safety Guidelines & Recommendations              |
|            | Evidence Based Medicine: Post Operative Feedings, Follow-Up; Arm Restraints;  
|            | Tongue Sutures; Quantifying Success Monitoring Outcomes  
|            | Andrew Wexler, MD, MA, FACS                             |
| 9:15-9:45 AM | Issues To Avoid When Going To an Underdeveloped Country  |
|            | Team Safety; Teamwork; Recommendations for Equipment     |
|            | Warren Schubert, MD, FACS                               |
| 9:45-10:30 AM | Primary Bilateral Cleft Lip Repair                      |
|            | Issues Involved In Managing A Wide Unilateral Cleft Lip; What is Safe; Tricks to Adult Cleft Lip Repairs; Role of Lip Acheions  
|            | Peter Taub, MD, FACS                                    |
| 10:30-10:45 AM | Coffee Break                                      |
| 10:45-11:30 AM | Primary Bilateral Cleft Lip Repair: Indications for Performing a Staged Bilateral Repair.  
|            | Are There Any Recommendations for Repairing a Bilateral Cleft Lip That Has Encountered Multiple Past Failures Due To Dehiscence; Considerations for Probabilial Set Back; Procedures; Timing  
|            | Pravin K. Patel, MD                                    |
| 11:30-12:00 PM | Secondary Cleft Lip/Nasal Deformities                  |
|            | Mimos Cohen, MD, FACS, FAAP                            |
| 12:00-12:15 PM | Role of Medical School Students                        |
|            | Yash Avashia                                           |
| 12:15-12:30 PM | Role of Plastic Surgery Residents                     |
|            | Urm instruments, MD                                   |
| 12:30-1:00 PM | Lunch/Open Mike/Personal Experiences/Questions.        |
|            | Thoughts to Share                                      |
|            | Seth R. Thaller, MD, DMD, FACS                          |
1:00-1:45 PM  Cleft Palate
Primary/ Residual Deformities Closure; Residual Deformities; VPI Evaluation And Management Options; Possible Speech Assessments; Is Correction Of VPI Necessary In The Underdeveloped World; If Working In A Country Where There Is No Availability of Postoperative Speech Therapy Should Cleft Palate Surgery Be Performed At Any Age; Closure Of Residual Fistula; Timing of Alveolar Clefts
Henry Vasconez, MD

1:45-2:00 PM  Concept of Surgical Disease
Vincent A. DeGennaro, MD, MS

2:00-2:15 PM  Role Of Pediatrician & Primary Care
Gwen Wurm, MD

2:15-3:00 PM  Anesthesia; Airway Abnormalities; Airway Equipment; Emergency Equipment; Malignant Hyperthermia; Diagnosis And Management; Dantrolene; What To Do If Dantrolene Is Not Available; Evidence Based Medicine Detailing Npo Times For Infants & Adults; Anesthetic Agents To Avoid & Consider; Utilization Of Postoperative Pain Medications; Challenges With Lack Of Availability In Underdeveloped Nations; Use Of Ketamine; Use And Obtaining Pulse Oximeters; Other Necessary Equipment & Items
N. James Halliday, MD, FCARCS(F)

3:00-3:15 PM  Nursing Challenges
Operative Needs; Alternatives To Sterilization; What Is Safe; Disinfecting Options; For What And How Long Should Instruments Soak; What Is Disposable One Use Item And What Can Be Re-Used; How Are “Disposable Items” Adequately Cleaned; Other Alternatives When Autoclave Breaks Down.
Monique Philippeaux, RN

3:15-3:30 PM  Coffee Break

3:30-4:00 PM  Working in the Jungle
Carlos E. Navarro, MD, FACS

4:00-4:45 PM  How Does Overseas Surgical Missions Advance the Training of Cleft and Craniofacial Surgery
Lessons Learned and To Be Learned
Henry Kawamoto, MD, DDS

4:45-5:15 PM  The Haiti Experience
Preparing for a Disaster & Fundraising
Mimis Cohen, MD, FACS, FAAP; Barth Green, MD

5:15-5:30 PM  Wrap Up & Questions
Seth R. Thaller, MD, DMD, FACS