

It Takes A Team...

American Cleft Palate-Craniofacial Association

64th Annual Meeting

and Pre-Conference Symposium:

***“The Childhood Years:
The Inter-Face and Inner-Facts of Management”***

**CALENDAR OF EVENTS
AND
REGISTRATION PACKET**

**April 23-28, 2007
The Omni Interlocken Resort
Broomfield, CO**

Dear Colleagues and Friends:

Please join me for our 64th annual ACPA meeting in a beautiful setting at the splendid Omni Interlocken Resort in Broomfield, Colorado (between Boulder and Denver). You will enjoy glorious views of the surrounding mountain landscape while taking advantage of the valuable educational programs and important interaction with other team colleagues from the U.S. and world.

I want to thank Michael Buckley and the 2007 Program Committee for their excellent work in planning an outstanding interdisciplinary educational program, for the main meeting **April 25-28**, entitled "**It Takes a Team...**" We will be welcoming Jeff Evans, Boulder resident and world-renowned climber and adventurer, as the keynote speaker who will open the meeting with The D. Ralph Millard, Jr., MD Lectureship. He may be best known as the primary guide for the successful ascent of Mt. Everest by a blind climber! Who better to speak to us on teamwork than someone who has accomplished incredible feats that require the ultimate leadership, teamwork, and commitment?

I also want to thank the 2007 Pre-Conference Symposium Chair, Bruce Horswell, and co-chairs Robin Dyleski and Ann Kummer for planning a marvelous one and one half day interdisciplinary symposium **April 23-24** that will precede the main meeting. Entitled "**The Childhood Years: The Inter-Face and Inner-Facts of Management,**" it will be the second in a series of three annual pre-symposia that explore interdisciplinary management of multiple functional and esthetic considerations to maximize psychological, educational, and social adjustments by individuals with cleft lip and palate. Last year, the focus was on the postnatal and infancy years. This year will cover the childhood years up to adolescence and next year's program at the annual meeting in Philadelphia will conclude the series with the adolescent and adult years.

The 2007 Local Arrangements Committee, co-chaired by Jamie Idelberg and Theresa Snelling has provided delightful activities for your leisure time at the meeting. The Cleft Palate Foundation's Annual Sports Event will be on Wednesday night at the Splitz Bowling Center in Westminster and our Friday evening gala will take place at the University of Colorado's Centerplate at Folsom Field with the Chris Daniel's Band and the beautiful backdrop of Boulder's city lights and the Flat Iron Mountains. Whether you enjoy the luxuries of the resort spa and golf course or take advantage of the dining, museums, shopping, sporting events, or outdoor activities in the surrounding area, there is an abundance of opportunities for fun and relaxation in this magnificent setting!

I look forward to seeing all of you in Broomfield for education, fellowship, and fun!

Sincerely yours,

Peter M. Spalding, DDS
President

WEEK AT A GLANCE

MONDAY

7:30AM-5:00PM

Registration

8:30AM-5:00PM

Pre-Conference Symposium I

The Childhood Years:

The Inter-Face and Inner-Facts of Management

TUESDAY

8:00AM-8:00PM

Registration

8:25AM-11:30AM

Pre-Conference Symposium I (cont)

The Childhood Years:

The Inter-Face and Inner-Facts of Management

12:00PM-5:00PM

Pre-Conference Symposium II

Nuts & Bolts for Nurses/Coordinators

12:00PM-1:30PM

ACPA/CPF Committee Chair Luncheon

1:30-6:00PM

ACPA & CPF Committee Meetings

6:00PM-8:30PM

Welcoming Reception

WEDNESDAY

6:30AM-6:00PM

Registration

Poster Session A and Exhibits

7:00AM-7:50AM

Complimentary Eye Openers

7:30AM-8:20AM

Past Presidents' Breakfast

8:30AM-12:30PM

Opening Remarks

Keynote Session –

Jeff Evans

General Session I

12:30PM-2:00PM

2008 Program Committee Meeting/Lunch

CPCJ Editorial Board Luncheon

Ethics Roundtable/Optional Lunch

2:00PM-6:00PM

General Session II

Adoption Panel

Show & Tell

6:45PM Buses load at East Entrance (Conference Entrance)
CPF "GOOD SPORTS" BENEFIT
Splitz Bowling Center

THURSDAY

6:30AM-6:00PM

Registration
Exhibits

7:00AM-7:50AM

Eye Openers - Group II

8:00AM-11:45PM

General Session III

Junior Investigator Session
Cleft Care in Africa: Team Work
Within and Across Continents

12:00PM-2:00PM

ACPA/CPF Annual Luncheon

2:30PM-6:00PM

Study Sessions

6:30PM-7:30PM

ASHA Division 5 Reception

FRIDAY

7:00AM-5:00PM

Registration
Poster Session B and Exhibits

8:00AM-9:00AM

General Session IV

Randomized Clinical Trials of
Folic Acid for Prevention of
Recurrences of CLP

9:00AM-10:15AM

ACPA Annual Business Meeting
(Members Only)

10:30AM-12:00PM

Concurrent Specialty Sessions

12:00PM

ACPA Second Executive Council Meeting
ASCFS Luncheon/Business Meeting

1:30-5:00PM

Concurrent Specialty Sessions (cont'd)

6:30PM Buses load at East Entrance (Conference Entrance)
It Takes A Team Gala - CenterPlate at Folsom Field

SATURDAY

7:30AM-12:00PM

Registration

8:30AM-10:00AM

General Session V

Outcomes

10:30AM-12:00PM

Closing General Session

Team Challenges Panel

12:00PM

ACPA Conference

Adjourns

1:00PM – 5:30PM

ACPA/ASHA Post-Conference Symposium for Speech Language Pathologists

8:00AM-5:00PM

Connections: A Conference for Parents and Patients

2007 PROGRAM COMMITTEE

| | | |
|---|--|----------------------------|
| Michael J. Buckley, DMD, MS, MBA Chair | Delora L. Mount, MD Mary M. O'Gara, MA, CCC-SLP | Kim S. Uhrich, MSW |
| Gregory C. Allen, MD | Janice R. Rockwood, RN, BSN | Karen B. Via, MSN, BSN, RN |
| Joan Barzilai, RN, MSN | Kathleen A. Russell, DDS, MSc | Isaac L. Wornom, III, MD |
| Bernard J. Costello, MD, DMD | Kirt E. Simmons, DDS, PhD | |
| Jeffrey R. Marcus, MD | Sandra Sulprizio, MSPA | |
| Laura E. Mitchell, PhD | | |

2007 LOCAL ARRANGEMENTS

| | |
|--|-------------------------------|
| Jamie S. Idelberg, BS, RDH Co-Chair | Mary Kay Farina, MS, CCC-SLP |
| Theresa M. Snelling, MA, CCC-SLP Co-Chair | Linda C. Rollert, MA, CCC |
| Khalid Chowdhury, MD, MBA | Jeff K. Steffen, MA, CCC-SLP |
| | Roy C.A. Weatherley-White, MD |

NATIONAL OFFICE STAFF

| | | |
|-------------------------------------|---|---------------------------------------|
| Nancy C. Smythe, Executive Director | Lisa Gist, MA, Cleftline Manager | Debbie Ogle, CPCJ Editorial Assistant |
| Jeremy Baggish, Deputy Director | Rafael Goldberg, Member Services Manager | |
| Kathy Bogie, Office Manager | | |

GENERAL INFORMATION

The American Cleft Palate-Craniofacial Association is an interdisciplinary professional society with members from the fields of:

| | | |
|------------------------------------|-----------------------------------|-----------------------------------|
| Anatomy | General Surgery | Pediatric Surgery |
| Audiology | Genetics | Plastic Surgery |
| Coordination/Administration | Nursing | Prosthodontics/Prosthetics |
| Counseling | Neurosurgery | Psychiatry/Neurology |
| Dental Hygiene | Oral/Maxillofacial Surgery | Psychology |
| Dietetics/Nutrition | Orthodontics | Radiology |
| Family Practice | Otolaryngology | Research |
| General Dentistry | Pediatrics | Social Work |
| General Medicine | Pediatric Dentistry | Speech-Language Pathology |

The 2007 Scientific Program features general and concurrent specialty sessions, panel presentations, poster and videotape sessions, exhibits, study sessions, and eye openers.

EDUCATIONAL OBJECTIVE

The overall educational objectives of the annual meeting are to (1) make concerned professionals aware of new clinical and research information through the organized presentation of original papers and poster sessions, and (2) provide an opportunity for the involved professionals to update their knowledge and skills of their own and related disciplines through exhibits, video presentations, and focused short courses. Specific educational objectives for each component of the meeting are presented throughout the agenda.

CONTINUING EDUCATION INFORMATION

CONTINUING EDUCATION CREDITS:

| | <u>ASHA</u> | <u>ACCME</u> | <u>Nursing</u> | <u>Instructional Level</u> |
|--------------------------|--------------|--------------|----------------|----------------------------|
| Convention | 1.8 CEUs | 18.0 hours | * | Variable |
| Study Sessions | 0.1 CEU each | 1.5 hours | * | Variable |
| Eye Openers | 0.1 CEU each | 1.0 hour | * | Variable |
| Pre-Conference Symposium | .8 CEU | 8.5 hours | ----- | Intermediate |

* Contact hours have been applied for from the North Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. 26.08 credits are projected.

AMERICAN SPEECH-LANGUAGE-HEARING ASSOCIATION: The American Cleft Palate-Craniofacial Association is approved by the Continuing Education Board of the American Speech-Language-Hearing Association to provide continuing education activities in speech-language pathology and audiology. This program is offered for 3.1 CEUs (Various Levels, Professional Area). ASHA CE Provider approval does not imply endorsement of course content, specific products, or clinical procedures. *(INSERT ASHA LOGO RIGHT FLUSH)*

CONTINUING MEDICAL EDUCATION: The American Cleft Palate-Craniofacial Association (ACPA) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

Designation Statement: The American Cleft Palate-Craniofacial Association designates this continuing medical education activity for a maximum of 31.5 category 1 credits toward the AMA Physician's Recognition Award. **Each physician should claim only those**

credits that he/she actually spent in the activity.

Faculty Disclosure Statements It is the policy of ACPA to ensure fair balance, independence, objectivity, and scientific rigor in all its programs. Trade names are to be avoided during presentations. Presentations made at the Annual Meeting, in symposia, and other continuing medical educational activities sponsored by ACPA, in compliance with standards for accreditation by ACCME, must include information regarding off-label use(s) and all commercial or industrial funding, consulting, or equity holdings by the authors of this presentation and/or anyone related to the authors which could be affected by or could have an affect on the content of the presentation. This information will be disclosed to learners through statements in printed meeting materials and must be declared by the presenter at the beginning of his/her presentation. In addition, faculty are to disclose any discussion of off-label uses.

PRE-CONFERENCE SYMPOSIUM I

Monday, April 23 and Tuesday, April 24, 2007

ACPA PRE-CONFERENCE SYMPOSIUM

"THE CHILDHOOD YEARS: THE INTER-FACE AND INNER-FACTS OF MANAGEMENT"

This symposium is the second in a three-part series designed to address key and controversial areas of cleft management. The theme of the symposium, "Inter-Face and Inner-Facts of Management", derives from the initiation, development and interaction of the many areas – psychological, educational and social adjustments, speech, dental, and functional and aesthetic concerns of the orofacial region, which come to bear in childhood.

Because of the importance and dynamics of well-being during the early developmental years, the first part of the symposium will be devoted to a comprehensive review of psychological and social issues for the child. The attendee will gain more understanding of and appreciation for these key areas of health in children (with clefts) who may be at risk. Psychological well-being impacts at every step in cleft care.

Speech development is well underway in this age group and there is great need for comprehensive evaluation techniques and treatment stratagems, both surgical and nonsurgical. These issues will be thoroughly presented from a critical and analytical perspective.

Management of sino-nasal disease is very important, as this is common in children with clefts. Functional and aesthetic concerns of the orofacial region become foremost to many school-aged children; timing and techniques will be discussed by experts in otolaryngology and plastic surgery. Revision surgery of the nose, lip and palate will be presented with a focus on preventive measures, helpful techniques, and on research, which looks at results.

The last part of the symposium will address key areas of dental care, orthodontic management and alveolar defect repair. In particular, the timing of osseous repair, the role of distraction, implant placement and dental aesthetics will be thoroughly presented and based on research.

The symposium attendee will gain a greater insight into and appreciation for the interaction of all of these disciplines and the implementation of these contemporary management schemes into cleft care during the early school-age years.

Symposium Chair:

Bruce B. Horswell, MD, DDS, MS
FACES, Charleston, WV

Symposium Co-Chairs:

Robin A. Dyleski, MD
The New York Eye and Ear Infirmary, New York, NY
Ann W. Kummer, PhD
Cincinnati Children's Hospital Med Ctr, Cincinnati, OH

Symposium Faculty:

Cassandra L. Aspinall, MSW, LICSW
Children's Hosp. & Regional Medical Ctr, Seattle, WA
Adriana C. Da Silveira, DDS, MS, PhD
Univ of Ill at Chicago, Chicago, IL
Mary J. Hauk, DDS, MPH
Galliano Children's Hospital at Strong-URMC, Amherst, NY
Kathleen A. Kapp-Simon, PhD
Northwestern Univ & Shriners Hosp for Children, Chicago, IL
Joseph E. Losee, MD
Children's Hospital of Pittsburgh, Pittsburgh, PA
David S. Precious, DDS, MSc, FRCD
Victoria General Hospital, Halifax, NS
Lynn C. Richman, PhD
University of Iowa Hospitals, Iowa City, IA
Craig W. Senders, MD
University of California Medical Center, Sacramento, CA
Samuel Stal, MD
Texas Children's Hospital, Houston, TX
Sherard A. Tatum, MD
State University of New York, Syracuse, NY
Carroll-Ann Trotman, MA, BDS, MS
University of North Carolina Hospitals, Chapel Hill, NC
Timothy A. Turvey, DDS
University of North Carolina Hospitals, Chapel Hill, NC

Symposium Support:

With grateful appreciation to:

KLS-Martin, LP
Mohammad Mazaheri, MDD, MSC, DDS

for their support through educational grants.

Pre-Conference Symposium

***The Childhood Years:
The Inter-Face and Inner-Facts of Management***

AGENDA

MONDAY APRIL 23, 2007

8:30AM WELCOME AND INTRODUCTION
Bruce B. Horswell, MD, DDS, MS

SESSION I

SOCIAL CONSIDERATIONS FOR THE CHILD AND FAMILY

8:40AM MODERATOR - *Ann W. Kummer, PhD*

8:45AM INTERVENTIONS AND "WELL-BEING" INITIATIVES
Kathleen A. Kapp-Simon, PhD

As children with cleft lip and/or palate approach elementary school age, families face new issues. Elementary schools are often viewed as less friendly places than the preschool their child may have attended. Parents often have unpleasant memories of their own elementary school years, due to personal experiences of teasing, bullying, or academic struggles. Parents worry that their child's cleft will become the focus of teasing either because of appearance or speech. They wonder if their child will be able to make friends. Some may worry that their child will not be able to keep up academically. Anxiety increases if parents recognize that their child is struggling with any of these issues. However, parents are often unsure about how to support their child during these very important years.

Cleft and Craniofacial Teams have the opportunity to foster resilience by providing information, support, and direction to families at this critical juncture. Issues to be addressed include: 1) promoting parenting skills that support the child; 2) helping parents balance the desire for additional aesthetic treatment with recognition of child's emotional needs; 3) teaching child specific pro-social skills; and 4) working with schools to promote recognition of child's social, emotional, and educational needs.

9:15AM COMPASSIONATE CARE IN A CHALLENGING CULTURE – FAMILY DYNAMICS AND SOCIAL ISSUES

Cassandra L. Aspinall, MSW, LICSW

Identity development is an ongoing childhood task that can become more complex as children enter more formalized educational and recreational settings. This process can be complicated when children must cope with differences in how they are perceived, and complicated further by the fact that they will be offered interventions to improve their dentition, speech and facial appearance. Decision making about these treatments needs to focus on creating a balance between getting information from the child patient about what they want, and appreciating the intimate environment of their family. But achieving this balance is not easy. At the same time, it needs to be understood that compassionate care can only be delivered by providers who have taken the time to understand their own biases about what the “right thing” is to do. Once we have set aside our own biases and those of the culture around us, then helping young patients to figure out what is in their best interest will be a cleaner process, from which they can learn much about how to participate in their health care over time.

9:45AM

CHILDREN WITH CLEFTS: AT RISK FOR LEARNING?

Lynn C. Richman, PhD

This presentation will review the developmental neuropsychological functioning of children with cleft. Early developmental delay of expressive language and verbal memory skills may be related to neuromaturation anomalies related to cerebral lateralization and verbal processing networks. The relationship of these early neurodevelopmental processes to early school learning will be examined. Childhood findings of neuroimaging and neuropsychological findings appear to be suggestive of potential maturational differences. Specific effects of verbal memory, phonemic awareness, rapid naming and word fluency on school learning, especially reading, will be discussed. The type of learning disorders most often seen in children with cleft will be presented. Procedures for early recognition and prevention as well as appropriate remediation will also be reviewed.

10:15AM

COFFEE BREAK

SESSION II

SPEECH CONSIDERATIONS

10:45AM

THE SPEECH EVALUATION: WHEN, WHAT, HOW AND WHY?

Ann W. Kummer, PhD

Children with a history of cleft lip and palate are at risk for speech disorders secondary to velopharyngeal insufficiency, dental and occlusal anomalies, and even fluctuating hearing loss. The speech evaluation therefore, is an important component of cleft management. The presenter will discuss **when** the evaluation should be done for the most reliable results and maximum benefit for the patient. The presenter will describe **what** speech characteristics to assess, and what these characteristics suggest regarding the velopharyngeal valve. Certain speech samples will be suggested to elicit the information in a quick and efficient manner. The presenter will then describe and demonstrate **how** to do a perceptual evaluation using simple “low-tech” and “no-tech” procedures. These techniques can be used by speech pathologists and even by other cleft professionals. Various instrumental procedures will be briefly described. Finally, the presenter will discuss **why** the speech evaluation is needed to make appropriate management decisions.

11:15AM VELOPHARYNGEAL DYSFUNCTION: WHEN TO OPERATE AND WHEN TO NOT!
Ann W. Kummer, PhD

There are many causes of velopharyngeal dysfunction, in addition to a history of cleft palate. All causes can be placed in three major categories. Velopharyngeal insufficiency (most commonly seen after a palate repair) is an anatomical defect that causes inadequate velopharyngeal closure. Velopharyngeal incompetence is a physiological disorder characterized by poor movement of the velopharyngeal structures; thus resulting in inadequate velopharyngeal closure. Finally, velopharyngeal mislearning refers to an articulation disorder which results in a lack of velopharyngeal closure during the production of certain speech sounds. Although the speech characteristics of these disorders (hypernasality and nasal emission) are often the same, a differential diagnosis of cause is essential in determining appropriate treatment. Other medical and psychosocial factors must also be considered with considering surgical intervention. This presentation will include a discussion of when surgical intervention is appropriate and when it's not!

11:45AM DISCUSSION

12:00PM LUNCH BREAK (on your own)

SESSION III

OTOLARYNGOLOGICAL ISSUES

1:15PM MODERATOR – *Robin A. Dyleski, MD*

1:30PM CONTEMPORARY MANAGEMENT OF SINUS DISEASE IN CHILDREN
Craig W. Senders, MD

There are 20 million cases of Anti-Bacterial Rhinosinusitis (ABRS) in the USA annually accounting for 7%-12% of all antibiotic prescriptions. Children often present with ABRS with such upper respiratory infection. Management should include improved nasal hygiene and, in select cases, antibiotics. Surgery is reserved for children with ABRS that significantly affects the child's quality of life. Cleft patients are at increased risk for ABRS secondary to nasal regurgitation and the common nasal deformity which includes a deviation of the caudal septum towards the non-cleft side and a large inferior spur on the cleft side. Amazingly, patients with cleft lip and palate are resistant to the typical rhinosinusitis. More commonly these patients suffer from stasis rhinitis. Fortunately, stasis rhinitis responds well to treatment regimens that do not typically utilize antibiotics.

2:00PM SPEECH SURGERY: CRAFTING TECHNIQUE TO PROBLEM
Sherard A. Tatum, MD

Velopharyngeal dysfunction (VPD) during the childhood years of cleft and craniofacial patients is a common problem. Successful management remains a challenge. While improvement may help, total correction should be our target outcome. Surgery must be done with concern for complications of airway obstruction. Crafting the technique to the problem entails choosing the least obstructing technique to correct VPD. The burden of additional procedures to further improve VPD or address obstruction must also be considered. Technique selection should be based not only on the intuitive attractiveness of the procedure but also on its reliability. A short flap high in the pharynx with vertical donor site closure is most reliable at our center. We use endoscopy and fluoroscopy for

tailoring flap width and position. Our protocol includes adenotonsillectomy three months prior to flap performance. Cooperation between Speech Pathology and Surgery allows for reliable VPD correction with minimal obstructive complications or revision surgery.

2:30PM COFFEE BREAK

SESSION IV

REVISIONS, REVISIONS, REVISIONS...

2:55PM MODERATOR – *Robin A. Dyleski, MD*

3:00PM LESS THAN OPTIMAL RESULTS - NOW WHAT?
Samuel Stal, MD

A good result is based on many factors:

1. degree of underlying deformity
2. quality of surgical repair
3. degree of "insult" on growth potential
4. genetic predisposition related to wound healing and scarring.

Even with the best surgical plan and creative techniques we often find ourselves in a position of dealing with a less than ideal result. Guidelines relative to timing and surgical revision will be presented. A retrospective look at the nidus of what leads to many common problems will also be presented.

3:40PM "I'M STILL HERE"- THE RECALCITRANT PALATAL DEFECT
Joseph E. Losee, MD

Fistula formation is a significant concern and may be clinically significant when they lead to nasal air escape, speech distortion, hearing loss, or regurgitation of fluid and food. These problems are compounded by the fact that fistulae are difficult to definitively repair. The incidence of cleft palate fistulae is reported to range from 0-76%, while the recurrence rate of palatal fistulae reportedly approaches 100%.

Various strategies have been reported in effort to decrease the incidence of post-operative palatal fistulae and to aid in their repair. In 2003, Kirschner et al. first reported the use of acellular dermal matrixes in repairing palatal fistulae. Since that time, our group began utilizing acellular dermal matrixes in primary cleft palate repair as well, when closure is compromised, to decrease the incidence of post-operative fistula. This presentation will not only discuss the current techniques utilized to improve the treatment of palatal fistulae, but strategies to eliminate the occurrence of palatal fistulae.

4:20PM REVISIONS - "DID WE ACHIEVE WHAT WE SET OUT TO ACCOMPLISH?"
Carroll-Ann Trotman, MA, BDS, MS

The decision to surgically revise the lip in a child or patient with a repaired cleft of the lip is based on a subjective evaluation of lip form and function made by the operating surgeon either independently or in conjunction with the patient and parents. Such

subjective evaluations represent the current standard of outcome assessment for lip surgery in these patients. This 'standard' lacks objective measures of treatment need. In this presentation, a newer dynamic approach to outcome assessment of soft tissue facial surgeries will be discussed that relies on a systematic and objective evaluation of soft tissue impairment and disfigurement. In addition, using this objective assessment, results of a longitudinal study to determine the effects of lip revision surgery on soft tissue (circumoral) function in patients will be presented as well as an approach to determine whether "we achieved what we set out to accomplish".

4:45PM DISCUSSION

TUESDAY, APRIL 24, 2007

SESSION V

DENTAL AND ORTHODONTIC PREPARATION

8:25AM MODERATOR - *Bruce B. Horswell, MD, DDS, MS*

8:30AM PEDIATRIC DENTISTRY FOR THE 2-10 YEAR OLD CHILD WITH CLEFT LIP AND PALATE: PREVENTION, MAINTENANCE AND AESTHETICS
Mary J. Hauk, DDS, MPH

Pediatric Dental care is a crucial part of the comprehensive treatment of the child with craniofacial deformities. Prevention and maintenance of a healthy oral cavity, as well as the desensitization and modification of children's behavior are critical to maximizing the outcomes and therapies provided by other team members. This presentation will discuss the key aspects of prevention and maintenance of the oral cavity during the progression of developmental stages that occur between 2-10 years of age. Discussion of anticipated behaviors and behavior management options for each age group will be covered. In addition, the timing of osseous repair, implant placement and dental aesthetics will be thoroughly presented and based on research.

9:00AM ORTHODONTIC PREPARATION...EXPANSION, DISTRACTION, IMPLANT ANCHORAGE: AN ORTHODONTIST'S OPINION
Adriana C. Da Silveira, DDS, MS, PhD

Orthodontic management of early school age cleft lip and palate children usually revolves around the timing for secondary bone graft surgery. Initiation of treatment is dictated by eruption of permanent teeth to maximize tooth support and dental alignment. Recent advances in materials and techniques including implant anchorage and distraction have allowed better outcomes, especially in difficult cases. A review of contemporary management will be discussed based on existing literature. Cases will be presented to help illustrate these ideas and the need for coordinated interaction with other team members is emphasized.

9:30AM COFFEE BREAK

SESSION VI

ALVEOLAR DEFECT RECONSTRUCTION

10:00AM

**ALVEOLAR BONE GRAFT AT TIME OF ERUPTION OF MAXILLARY
PERMANENT CENTRAL INCISOR**

David S. Precious, DDS, MSc, FRCD

When the timing of alveolar bone grafting is based on the eruptive progress of the permanent maxillary canine tooth the surgical procedure is by definition, delayed until the late mixed dentition. This treatment strategy overlooks both the crown length and the periodontal condition of the maxillary permanent incisors adjacent the cleft defect. Alveolar bone grafts that are performed just prior to or very soon after the beginning of eruption of the maxillary permanent central incisor contra lateral to the cleft provide for almost normal clinical crown lengths of both maxillary central incisor teeth.

10:30AM

BONE GRAFT CONSTRUCTION OF THE CLEFT MAXILLA AND PALATE IN ADULTS

Timothy A. Turvey, DDS

The success of bone graft construction of the cleft maxilla and palate performed during the first decade exceeds 95%. The identical technique, when applied to the adult has a success rate of less than 50%. Age, quality of tissues, expected function of the graft, size of the defect and the influence of periodontal pathogens, etc contribute to the disappointing results. A surgical technique based on new guiding principles and in consideration of the functional and physiological differences between the age groups will be presented.

11:00AM

CASE PRESENTATION PANEL - "IT TAKES A TEAM..."

11:30AM

ADJOURN

PRE-CONFERENCE SYMPOSIUM II
Tuesday, April 24, 2007

Sponsored by the Cleft Palate Foundation

(INSERT CPF LOGO TO RIGHT)

Symposium Support:

With grateful appreciation to:

KLS-Martin, LP

for their support through an educational grant.

Pre-Conference Symposium
Tuesday April 24, 2007

NUTS & BOLTS
A SYMPOSIUM FOR NURSES/COORDINATORS

Co-Chairs:

Janice R. Rockwood, RN, BSN, and Karen B. Via, MSN, BSN, RN

12:00 – 1:00PM

LUNCH

1:00 – 1:05PM

WELCOME

- 1:05 – 1:20PM **EVALUATIVE MEASURES OF TEAM COORDINATOR ROLE AND PATIENT SATISFACTION WITH TEAM APPOINTMENTS**
 This session will educate the attendees about the process of evaluation measures of the cleft/craniofacial team process and the role of the team coordinator. The goal of these evaluation measures is quality improvement.
Dana M. Walsh, BS
- 1:20 – 1:35PM **THE ROLE OF THE PEDIATRIC DENTIST IN THE CLEFT PALATE TEAM: A REVIEW**
 The goal of this presentation is to provide pertinent information about the scope of services pediatric dentists can provide. The speakers will give examples of specific treatment procedures, outline what other members can expect from this colleague and present a rationale why it would be beneficial to have a pediatric dentist on their team.
Ulrich Klein, DMD, DDS, MS, Meredith Harris, MD, DDS
- 1:35 – 1:45PM Discussion
- 1:45 – 2:00PM **NURSE PRACTITIONER BASED PLAGIOCEPHALY CLINIC**
 The purpose of this presentation is to share the experience of a nurse practitioner based plagiocephaly clinic and the advances the clinic has made over the past four years. The objective of the presentation is to describe how the plagiocephaly clinic is run, list the benefits of the clinic, and list the advantages of the new technology used.
Sybill D. Naidoo, RN, MSN, CPNP, Alex A. Kane, MD
- 2:00 – 2:15 PM **THE NEVER ENDING JOURNEY: DEVELOPMENT OF A PARENT NOTEBOOK**
 The purpose of this presentation is to share an Institute's experience with the development, institutional approval, and distribution of a cleft lip/palate notebook for families. Results from a family feedback survey will also be discussed.
Sibyl V. Scheve, RN, BSN, Joan Barzilai, RN, MSN
- 2:15 – 2:30PM **IMPROVED METHOD TO CONVEY INFORMATION TO PARENTS OF CHILDREN WITH CLEFT LIP AND PALATE UNDERGOING OPERATION**
 This presentation will share a hospital's experience with the use of a video to convey information for parents of children with cleft lip and palate and to prepare the parents for their child's hospitalization. The results of a post video questionnaire will be discussed to determine the effectiveness of the video.
Darawan Augsornwan, MPH
- 2:30 – 2:40PM Discussion
- 2:40 – 3:00PM Break
- 3:00 - 3:15PM **EMPOWERING AND INTEGRATING FAMILIES**
 This presentation will describe and critique the potential theories that can be applied to families affected by cleft and craniofacial conditions and will give concrete steps that can be implemented by teams to increase family involvement in the treatment of cleft and craniofacial conditions. The many implications that these disabilities and illnesses can have on families will be discussed. This presentation will include formal lecture, sharing of highlights from family interviews, and the presentation of many challenging cases.
Anna Thurmes, MA, Wendy Looman, PhD, Karlind Moller, PhD, Kelly Nett Cordero, MA
- 3:15 – 3:30PM **BREASTFEEDING A BABY WITH A CLEFT: DILEMMAS AND PROBLEM SOLVING TO CREATE AN OPTIMAL FEEDING PLAN**
 This presentation will include an overview of the mechanics involved in breastfeeding and factors to consider for successful infant feeding. The unique issues and challenges that breastfeeding an infant with a cleft lip/palate present will be discussed. The main objective of the lecture is for

participants to better understand these specific issues facing the infant with a cleft lip and/or palate and to demonstrate an awareness of strategies and interventions to support an optimal feeding plan.

Debra Paul, BS, OTR, Nancy Creskoff Maune, BS, OTR

3:30 – 3:45PM

Discussion

3:45 – 4:45PM

EARLY FEEDING OF INFANTS WITH CLEFT PALATE: WHO, HOW AND WHEN – PANEL

The purpose of this panel presentation is to address the many problems associated with feeding the infant with a cleft palate including poor weight gain, feeding methods, and parental issues. The objective of the panel presentation will be for participants to learn the value of early team management and feeding support during the prenatal and neonatal periods until the first team visit. Each participant will also gain insights and solutions into the controversies regarding breast feeding the infant with cleft palate.

Katy Hufnagle, MS, Alison Repass, RN, MSN, CPNP, Margie Wells-Friedman, MS

4:45 – 5:00PM

Discussion

5:00PM

Adjourn

64th ANNUAL MEETING OF THE AMERICAN CLEFT PALATE-CRANIOFACIAL ASSOCIATION

Tuesday, April 24, 2007

8:00AM-8:00PM

REGISTRATION / SPEAKER READY ROOM OPEN

8:30AM-11:30AM

PRE-CONFERENCE SYMPOSIUM I (CONTINUED)

12:00PM-5:00PM

PRE-CONFERENCE SYMPOSIUM II

Nuts & Bolts for Nurses/Coordinators

12:00PM-1:00PM

ACPA/CPF Committee Chair Luncheon

1:00PM-6:00PM

COMMITTEE MEETINGS

To be determined.

6:00PM-8:30PM

PRESIDENTS' WELCOMING RECEPTION

Hosted by ACPA President Peter Spalding and CPF President Gip Seaver

Cash Bar and Hors d'oeuvres

Supported in part by KLS-Martin, LP, Medical Modeling LLC, and Stryker

Wednesday, April 25, 2007

6:30AM-6:00PM

REGISTRATION / SPEAKER READY ROOM OPEN

EYE OPENERS – GROUP I

Separate non-refundable reservation fee required.

7:00AM – 7:50AM

1. INSTRUMENTAL ASSESSMENT OF VELOPHARYNGEAL FUNCTION: WHAT, WHEN, WHY, AND HOW
A presentation of ASHA Division 5 (Speech Science and Orofacial Disorders), this course is a thorough overview of the most commonly used instrumental assessments of velopharyngeal function. Craniofacial specialists from all professions will be able to: 1) describe each test and its indications, 2) describe the information that can be gleaned from the test, 3) describe when and how it can be used to diagnose VPD, design treatments and assess outcomes. (B, L)
Lynn Marty-Grames, MA, Judith LeDuc, MA, Ann W. Kummer, MAT, PhD, David Jones, PhD
2. THE ACPA CLEFT PALATE-CRANIOFACIAL CLINICAL DATA BASE: TEN YEARS OF EXPERIENCE
Efficient recording and retrieval of clinical data facilitates clinical activity, research and teaching. The ACPA Cleft Palate-Craniofacial Clinical Data Base was originally designed by an ACPA multidisciplinary committee as a basic system intended to accomplish these goals. The presenters will share their perspectives with attendees after ten years of experience using a custom modified version of the Data Base. (I, P)
Michael Karnell, PhD, John Canady, MD, Scott Dailey, MA, Barbara Gienapp, MA, Deborah Strike, RN, James Wheeler, DDS
3. TBD

7:30AM PAST PRESIDENTS' BREAKFAST

Open only to past and current Presidents of the American Cleft Palate-Craniofacial Association and the Cleft Palate Foundation.

OPENING GENERAL SESSION

8:30AM WELCOME AND OPENING REMARKS

- *Peter M. Spalding, DDS, ACPA President*
- *Michael J. Buckley, DMD, MS, MBA, ACPA Vice President and Program Committee Chair*
- *Jamie Idelberg, BS, RDH, and Theresa Snelling, MA, Local Arrangements Co-Chair's*
- *Earl J. Seaver, PhD, President, Cleft Palate Foundation*

GENERAL SESSION I: KEYNOTE SESSION –JEFF EVANS

9:00AM THE D. RALPH MILLARD, JR., MD LECTURESHIP

Sponsored by The Millard Society, D. Ralph Millard, Jr., MD, and the American Society of Maxillofacial Surgeons

Goal: To create an awareness of the importance of team work and leadership for Cleft and Craniofacial teams and to promote the meetings theme of "It Takes a Team".

Objective: Participants will be able to name three motivational and leadership techniques to support teamwork.

Session Chair: Peter M. Spalding, DDS
Session Co-Chair: Michael J. Buckley, DMD, MS, MBA

LEADERSHIP, TEAMWORK AND COMMITMENT



Jeff Evans, Physician Assistant and world class mountain climbing guide, will address the American Cleft Palate-Craniofacial Association for the “It Takes A Team” meeting on April 25th, 2007. During his keynote address, Jeff will introduce and develop many topics and themes that will be applicable for attendees in their daily practice both with patients and colleagues.

Jeff has a unique perspective on the topics of **Leadership**, **Teamwork** and **Commitment** because he has lived them. Thirteen years ago he electively chose to be the primary guide for blind climber/athlete Erik Weihenmayer on mountains, rock faces and adventure races all over the world even after many established guides had passed at the opportunity. Jeff worked with Erik on creating a climbing vision, establishing an acceptable definition of success and refining effective methods of communication, all innovative and challenging.

Jeff’s training as an Emergency Medicine Physician Assistant gives him the ability to relate these themes to the medical community in a palatable manner which then empowers the attendees to go into their practice more adept at working with their multi-disciplinary teams.

The attendee will be introduced to alternative definitions of classic themes including Leadership, Teamwork and Commitment. The attendee will return to his/her practice and patients with a broadened sense of these concepts which will enhance their performance and quality of care.

10:00AM POSTER SESSION A, EXHIBITS, COFFEE BREAK

GENERAL SESSION I (CONTINUED)

Goal: To educate participants about current research in cleft and craniofacial care.

Objective: Attendees will be able to understand and discuss: 1) Challenges and outcomes of a cleft team over six decades, 2) dental arch outcomes with different primary protocols, 3) populations recurrence risk, 4) midfacial growth after different alveolar cleft treatments, 5) dental arch growth in unilateral cleft patients, 6) nasal symmetry with resorbable internal splints, 7) mandibular length using 3D ultrasound, 8) speech outcomes and persistent fistulas and 9) education status of children with clefts.

Session Chair: A. Michael Sadove, MD
Session Co-Chair: Kathleen A. Kapp-Simon, PhD

- 10:30AM SIXTY FOUR YEARS OF TEAM CARE - CULTIVATION, COLLABORATION, COMPLEXITIES, CONTROVERSIES, AND CHALLENGES
Uhrich, van Aalst
- 10:40AM A TWO-CENTER COMPARISON OF DENTAL ARCH RELATIONSHIP OUTCOMES RESULTING FROM SIGNIFICANTLY DIFFERENT PRIMARY MANAGEMENT PROTOCOLS FOR COMPLETE UNILATERAL CLEFT LIP AND PALATE
Long, Hathaway, Cohen, Daskalogiannakis, Howard, Russell
- 10:50AM POPULATION-BASED RECURRENCE RISKS FOR 45000 RELATIVES OF ORAL CLEFT IN THE DANISH POPULATION
Chevrier, Grosen, Bille, Murray, Christensen
- 11:00AM DISCUSSION
- 11:10AM THE IMPACT OF GINGIVOPERIOSTEOPLASTY VERSUS SECONDARY BONE GRAFTING ON MIDFACIAL GROWTH IN PATIENTS WITH CLEFTS
Power, Matic
- 11:20AM DENTAL ARCH GROWTH FOLLOWING LIP AND PALATAL SURGERY OF UNILATERAL CLEFT LIP AND PALATE
Ozawa, Dolce, Cavassan, de Alemida, Lauris, Silva, Williams, Pegoraro-Krook, Seagle, Dutka-Souza, Nackashi, Shuster
- 11:30AM RESORBABLE INTERNAL SPLINT: IMPROVED NASAL SYMMETRY AFTER PRIMARY REPAIR OF COMPLETE UNILATERAL CLEFT LIP
Oh, Mulliken
- 11:40AM DISCUSSION
- 11:50AM PRECISION OF MEASURING PRENATAL MANDIBULAR LENGTH USING 3D ULTRASOUND
Hermann, Darvann, Sundberg, Kreiborg, Joergensen
- 12:00PM SPEECH OUTCOMES IN PATIENTS WITH PERSISTENT ALVEOLAR FISTULAS
Kolappa, Zajac, Fox, van Aalst
- 12:10PM PARENT AND TEACHER PERCEPTIONS OF EDUCATIONAL STATUS OF CHILDREN WITH CLEFT
Richman
- 12:20PM DISCUSSION
- 12:30PM – 2:00PM

POSTER SESSION A, EXHIBITS, LUNCH BREAK

2007 PROGRAM COMMITTEE MEETING/LUNCHEON

CPCJ EDITORIAL BOARD LUNCHEON

(Open only to Editor and Section Editors)

ETHICS ROUNDTABLE - REGISTRATION REQUIRED

OPTIONAL LUNCH AVAILABLE

GENERAL SESSION II: ADOPTION PANEL

Goal: To Increase the participants understanding of international adoption.

Objective: Participants will be able to name surgical, speech, psychosocial, dental and developmental challenges of

adopted children with cleft and craniofacial conditions.

Session Chair: Gregory C. Allen, MD

2:00-3:30PM INTERNATIONAL ADOPTION PANEL DISCUSSION

Participants: *Gregory Allen, MD, Lawrence Ketch, MD, Robert Brayden, MD, Jamie Idelberg, RDH, Meredith Harris, MD, DDS, Ulrich Klein, DDS, MaryKay Farina, MS, Jeffery Steffen, MA, Maureen Andrews, MS, BSN, Debra Paul, BS, OTR, Katie Glowacki, MSW, LCSW, Allison Brower, MS*

Children born with cleft and craniofacial defects in developing countries often present challenges that overwhelm both the birth parents and local health care systems. In the hope of a better future for their newborn, these parents are often forced to make the difficult decision to leave the child in an orphanage or foster care. Couples and families in developed countries are seeking international adoption of these children for a variety of reasons. As a result there is an increasing number of these patients seen in the Cleft and Craniofacial Clinics. These children present new challenges to the team.

This panel will discuss a variety of issues that such patients bring to the team. Twelve members from one team, including team coordinator, two surgeons, developmental pediatrician, clinical nurse specialist, two speech language pathologists, audiologist, pediatric dentist, orthodontist, occupational therapist, and social worker will sit on this panel.

3:30PM POSTER SESSION A, EXHIBITS, COFFEE BREAK

3:55PM
SHOW AND TELL SESSION

Goal: To provide a form for sharing new techniques and research findings for management of patients with cleft/craniofacial conditions.

Objective: Participants will be able to name three innovations that are applicable to treatment or research in patients with cleft and craniofacial conditions.

Session Chair: Sandra Sulprizio, MSPA

Co-Chair: John A. Girotto, MD

3:55PM INTRODUCTION

4:00PM OBJECTIVE OUTCOME ANALYSIS OF PASSIVE HELMET THERAPY FOR POSITIONAL PLAGIOCEPHALY AS MEASURED BY A THREE-DIMENSIONAL LASER SURFACE SCANNER
Wood, Thompson, Sanger, Argenta, Simpson, David, Argenta

4:05PM INCIDENCE OF OTITIS MEDIA IN CHILDREN WITH POSITIONAL PLAGIOCEPHALY
Purzycki, Argenta, David

4:10PM TWO HUNDRED AND TWENTY-TWO CONSECUTIVE PHARYNGEAL FLAPS: AN ANALYSIS OF POST-OPERATIVE COMPLICATIONS
Cole, Banerji, Boyd, Salazar-Reyes, Hollier

4:15PM CLEFT LIP REPAIR: A SUTURE-LESS SKIN CLOSURE
Fearon, Ruotolo

4:20PM SOFT TRIANGLE CRESCENT EXCISION - A USER-FRIENDLY APPROACH TO THE CORRECTION OF CLEFT NASAL DEFORMITIES

Jackson, Low

- 4:25PM OPEN BITE CLOSURE IN THE YOUNG DISTRACTED HEMIFACIAL PATIENT
Glick, Singh, Bartlett
- 4:30PM EARLY DETECTION OF CLEIDO-CRANIAL DYSPLASIA (CCD) BY USE OF ULTRASOUND - A CASE REPORT
Hermann, Hove, Joergensen, Kreiborg, Sundberg
- 4:35PM PARENTAL ASSESSMENT OF BURDEN OF CARE FOR NAM THERAPY
Hauk
- 4:40PM NEW CLASSIFICATION SCHEME FOR SCAPHOCEPHALY
Pyle, Thompson, Glazier, Argenta, David
- 4:45PM WHAT IS THE INCIDENCE OF HYPERTELORISM IN FILIPINO FRONTAL NASAL ENCEPHALOCELE PATIENTS?
Helling, Barone, Jimenez, Laskey
- 4:50PM DISTRACTION RATE AND LATENCY: FACTORS IN THE OUTCOME OF PEDIATRIC MAXILLARY DISTRACTION
Cole, Stephenson, Higuera, Salazar-Reyes, Hollier
- 4:55PM A PRELIMINARY REPORT COMPARING DYNAMIC VS. STATIC TAPING OF CLEFT LIPS IN NEWBORNS
Luden, Archibald, Barry, Benoit, Duncan, Hunt, Lachaine, Tan, Tan
- 5:00PM IS THERE A NEED FOR IMMUNIZATION PRIOR TO CRANIOFACIAL SURGERY?
Rao, Girotto
- 5:05PM NEW SURGICAL APPROACH: BILATERAL FRONTO-ORBITAL REMODELING FOR UNICORONAL SYNOSTOSIS
Fisher, Glazier, David, Argenta
- 5:10PM THE LATERAL CEPHALOGRAM AND ITS RELATION TO SPEECH IN PATIENTS WITH A REPAIRED CLEFT PALATE
Sinko, Prechtel, Baumann
- 5:15PM AN UNUSUAL TRAUMATIC CAUSE OF SCAPHOCEPHALY
Kortesis, Knowles, Glazier, David
- 5:20PM PATIENT DATABASE MANAGEMENT SYSTEM FOR DIGITISING NASENDOSCOPY DATA IN SINGAPORE: A NEW REPORTING STYLE
Young, To
- 5:25PM MAXILLARY PROTRACTION WITH MICROIMPLANTS IN NON-GROWING PATIENTS
Vachiramon, Yen, Kyung
- 5:30PM TECHNIQUE FOR CORRECTION OF A PATIENT WITH MICROFORM CLEFT LIP NOSE DEFORMITY
Monasterio, Ford
- 5:35PM IMPROVEMENT OF FACIAL SYMMETRY IN A PATIENT WITH HEMIFACIAL MICROSOMIA: A CASE REPORT
Camacho, Howard, Harshbarger
- 5:40PM EXTERNAL MANDIBULAR MOLDING: A NOVEL TREATMENT FOR NEONATAL JAW DEFORMITIES
Vecchione, Smith, Ford, Afifi, Dudas, Naran, Jiang, Losee

- 5:45PM INTRODUCTION OF A TECHNIQUE FOR MAXILLARY ADVANCEMENT UTILIZING A REMOVABLE ADJUSTABLE INTERNAL DISTRACTION (RAID) SYSTEM
Figueroa, Polley
- 5:50PM DUPLICATION OF THE WILLIAMS-BEUREN SYNDROME GENE REGION IN A PATIENT WITH CLEFT LIP AND PALATE AND SEVERE SPEECH DELAY
Fong, Salamone, Girotto
- 5:55PM TEMPORARY TONGUE-LIP TRACTION DURING THE INITIAL PERIOD OF MANDIBULAR DISTRACTION IN PIERRE ROBIN SEQUENCE
Kim, Nam, Park
- 6:00PM QUANTITATIVE ULTRASOUND IMAGING OF HEALTHY AND REPAIRED CLEFT LIP
van Hees, Thijssen, Huyskens, Weijers, Nillesen, de Korte, Katsaros
- 6:05PM INFORMAL DISCUSSION – Presenters are encouraged to stay after the session at the back of the room for informal discussion.

**7:00PM THE CLEFT PALATE FOUNDATION’S 17TH ANNUAL “GOOD SPORTS” EVENT
BENEFITING INDIVIDUALS AND FAMILIES AFFECTED BY CLP.**

SPLITZ BOWLING CENTER

BOARDING 6:45PM AT EAST ENTRANCE (CONFERENCE ENTRANCE)

SUPPORTED IN PART BY BIOMET MICROFIXATION (FORMERLY W. LORENZ SURGICAL)

**THE CLEFT PALATE FOUNDATION’S 17TH ANNUAL “GOOD SPORTS” EVENT
SUPPORT CPF’S SERVICES TO FAMILIES AND ENJOY**

THURSDAY, APRIL 26, 2007

6:30AM-6:00PM REGISTRATION / SPEAKER READY ROOM/EXHIBITS

EYE OPENERS: GROUP II

Separate registration fee required.

7:00-7:50AM

| Codes: | Instruction Level | Format |
|---------------|--------------------------|---------------|
| | B=Beginner | L=Lecture |
| | I=Intermediate | H=Hands-on |
| | A=Advanced | P=Panel |
| | V=Varied | R=Roundtable |

4. **INTERNATIONAL ADOPTION AND THE CRANIOFACIAL TEAM**
This presentation will provide a framework to approach internationally adopted (IA) children to craniofacial surgeons, social workers, nurses, pediatricians, and craniofacial team coordinators. Objectives: 1) discuss the objectives of International Adoption clinics including pre-adoption and post-adoption consultation and medical care, 2) discuss infectious diseases common in IA children, 3) discuss immunization issues in IA children, 4) discuss common developmental delays in IA children, 5) discuss recommended medical care of IA children.
(I, P)
Douglas K. Mitchell, MD, FAAP, Adam Drewes, MD, Peggy Fang, MD, Karen Via, MSN, RN, William P. Magee Jr, DDS, MD, Richard Rosenblum, MD, Eric Cole, MD
5. **OPERATIVE STRATEGIES TO MAXIMIZE OUTCOMES AND ELIMINATE FISTULAE IN MODIFIED FURLOW PALATOPLASTY**
This eye-opener will specifically address various surgical strategies and techniques utilized to maximize speech outcomes and decrease the incidence of post operative fistulae, as well as other complications, when performing a Double Opposing Z-plasty Palatoplasty. Topics such as a "complete" release of the tensor aponeurosis, strategic use of relaxing incisions, "complete" intra-velar veloplasty, and the primary use of acellular dermal matrices will be discussed. (I, L)
Joseph E. Losee, MD, FACS, FAAP, Darren Smith, MD
6. **SURGICAL TREATMENT OF POST PALATOPLASTY VELOPHARYNGEAL DYSFUNCTION**
This session will cover the perceptual and instrumental measures currently used to assess velopharyngeal function, and the surgical techniques that are effective in correcting velopharyngeal dysfunction. Special problems with this population, including sleep apnea, hypertrophic tonsils, and aberrant carotid vessels, will be addressed. The importance of a differential diagnosis leading to appropriate management will be stressed. The need for close collaboration between the speech pathologist and the surgeon will be apparent from this discussion. (I, L)
Peter Witt, MD, Ann Kummer, PhD
7. **SLEEP DISORDERED BREATHING: WHAT SHOULD I KNOW?**
Objectives are to recognize the potential morbidity of SDB and consequences of hypoxemia, understand the intricacies of the sleep apnea testing and accurately interpret a sleep study report. Sleep disordered breathing (SDB) can clinically impact all ages. Recent literature reported snoring infants to have lower scores on standardized testing. The gold standard for diagnosis is polysomnography. No standardized system exists for reporting sleep study results; consequently, reports may be confusing. Following this presentation, attendees will more accurately diagnose SDB. (B, L)
Norman Friedman, MD, DABSM, Keith L. Cavanaugh, MD
8. **CLEFT CAMP: CREATING COMMUNITY**
"Cleft Camp" is a safe haven for kids with a cleft lip/palate or other craniofacial conditions. This presentation will explore the benefits of a "cleft camp" including emotional feedback from both campers and parents, and how having an adult with a cleft lip and palate as a staff person has been an enriching addition. This visually inspiring presentation will give the audience a glimpse into what an experience of this caliber can offer,

focusing on the unlimited potential these children possess and the power of having a mentor within their own community. (V, L)
Jamie Idelberg, BS, RDH, Gregory C. Allen, MD, Jeff K. Steffen, MA, Zeb Carabello

9. **TEAM MANAGEMENT OF DEFORMATIONAL PLAGIOCEPHALY**
The occurrence of deformational molding (e.g. positional plagiocephaly) has dramatically increased over the past two decades. This is a multifactorial problem requiring a multidisciplinary team approach. This team consists of a craniofacial surgeon, physical therapists, orthotists and a nurse clinician. Guided by new technology of a laser-guided digital scanning device we can tailor the management to the specific needs of the individual patients. The team approach, management protocols and findings will be discussed. (I, P)
Frank A. Vicari, MD, Rob Novak, MS, CO, Pat Rogel, CO, Eva Guzman, RN
10. **SOCIAL WORK PRACTICE ON A CLEFT TEAM**
This workshop will focus on the child and family through-out the child's life. Social, behavioral, and self esteem issues often surface as a child faces ongoing treatment at the same time as facing the challenges of getting through childhood and adolescence. The Social Worker on a cleft team can aid in understanding the child within a family system and the roles all family members can play in the success or failure of treatment. (B, L)
Katie Glowacki, LCSW, MSW, MA

GENERAL SESSION III: JUNIOR INVESTIGATORS

April 26, 2007

Sponsored by the Paul W. Black, MD Endowment Fund

Goal: To encourage and support multidisciplinary research by investigators currently in or recently graduated from training programs dealing with cleft and craniofacial evaluation and treatment.

Objective: Attendees will be able to identify and discuss three research questions relative to cleft and craniofacial care.

Session Chair: Jack C. Yu, MD, DMD, MS

Co-Chair: Stephanie M. Power, AB

- 8:00AM **FGFR2 MUTATIONS IN DURAL CELLS INFLUENCE CALVARIAL OSTEOBLAST PROLIFERATION AND DIFFERENTIATION**
Ang, Horn, Spivak, Cabiling, Zajac, Nah, Kirschner
- 8:10AM **THE PATHOGENESIS OF MIDFACE HYPOPLASIA IN FGFR1P250R AND FGFR2S252W MOUSE MODELS OF PFEIFFER AND APERT SYNDROMES.**
Purushothaman, Cunningham
- 8:20AM **TRANSDUCTION KINETICS AND LOCALIZATION OF ADENOVIRUS AND LENTIVIRUS ENCODED PROTEIN IN MOUSE EMBRYONIC PALATAL SHELVES**
Spivak, Endo, Kim, Zajac, Horn, Ang, Zoltick, Flake, Kirschner, Nah
- 8:30AM **DISCUSSION**
- 8:40AM **ANTHROPOMETRIC EVALUATION OF NASAL MORPHOLOGY IN BILATERAL CLEFT LIP AND PALATE FOLLOWING NASOALVEOLAR MOLDING**
Garfinkle, Grayson, Brecht, Cutting
- 8:50AM **INTRAOPERATIVE ILIAC CREST BUPIVACAINE ADMINISTRATION AND PAIN FOLLOWING ALVEOLAR BONE GRAFT**
Dashow, Lewis, Egbert, Hopper, Gruss

- 9:00AM EFFECT OF MIDFACE DEFICIENCY ON VISUAL SPEECH PERCEPTION
Rees, Marty Grames, Oliver, Kane, Fuller, Israel
- 9:10AM DISCUSSION
- 9:20AM PREVALENCE AND RECURRENCE RISK FOR TWINS WITH ORAL CLEFT; A POPULATION BASED STUDY ON THE DANISH 1936-2001 COHORTS
Grosen, Bille, Christensen
- 9:30AM GENEALOGICAL STUDY OF 29 FAMILIES WITH VAN DER WOUDE SYNDROME
Kai, Kolody, Tolar, Tolarova
- 9:40AM NEUROLOGICAL SOFT SIGNS IN CHILDREN WITH ISOLATED CLEFT OF THE LIP AND/OR PALATE
Conrad, Richman, Canady, Nopoulos
- 9:50AM DISCUSSION
- 10:00AM EXHIBITS AND COFFEE BREAK

GENERAL SESSION III : PANEL - CLEFT CARE IN AFRICA

Goal: To provide a forum for discussion of the challenges involved in care of children with cleft and craniofacial problems in a developing continent.

Objective: Attendees will be able to identify and discuss three challenges and solutions relative to cleft and craniofacial care in a developing continent.

Session Chair: Linda L. D'Antonio, PhD

10:30-11:45AM CLEFT CARE IN AFRICA: TEAM WORK WITHIN AND ACROSS CONTINENTS

Cleft care in most regions of Africa has been limited in availability and riddled with many challenges. In fact, it is a common assumption that cleft lip and palate is not common in Africa and represents a low priority among health care providers. Recently a Pan African Congress on Cleft Lip and Palate was held in Nigeria. 150 cleft providers from 10 African countries participated in this meeting and shed light on the vast need for cleft care and the numbers of committed cleft care providers on the continent who often are working in isolation. In bringing this group together it appeared that, in spite of what Africa lacks in terms of financial resources and logistical ease, it makes up for with the commitment and collaborative nature of its health care providers. Harnessing this "social capital" will allow for rapid increases in cleft care across the continent. This panel will present a sampling of the rapid increase in collaboration among cleft providers in Africa and the benefits of such cooperation in the face of the unique challenges to cleft care in Africa.

Participants: *Linda L. D'Antonio, PhD*
Oladapo H. Olasoji, DDS
Brenda Louw, PhD
Asrat Mengiste, MD

Cleft Care in Africa: Challenges Mixed with Optimism (Oladapo Hector Olasoji, DDS)
Strength in Numbers: The Value of Cleft Associations for Cleft Care in Africa (Brenda Louw, PhD)
Strategies for Increasing Cleft Care in Africa: Results of a Pan African Consensus Conference (Linda L. D'Antonio, PhD)
One Strategy for increasing cleft care in Africa: Training General Surgeons (Asrat Mengiste, MD)

11:30AM DISCUSSION

11:45AM BREAK FOR LUNCH

12:00PM-2:00PM ACPA / CPF ANNUAL LUNCHEON
Presentation of Honors of the Association Award, Distinguished Service Award, CPF Parent-Patient Leadership Award, Announcement of Research Grant Winners and Scholarship Recipients.

2:15PM EXHIBITS

STUDY SESSIONS

Separate registration fee required.

| Codes: | Instruction Level | Format |
|---------------|--------------------------|---------------|
| | B=Beginner | L=Lecture |
| | I=Intermediate | H=Hands-on |
| | A=Advanced | P=Panel |
| | V=Varied | R=Roundtable |

STUDY SESSIONS: GROUP I

2:30-4:00PM

- A. **NASOALVEOLAR MOLDING AND PRESURGICAL COLUMELLA ELONGATION IN PATIENTS WITH UCLP AND BCLP**
In this study session, we present a paradigm shift from the traditional methods of presurgical infant orthopedics. The Nasoalveolar Molding (NAM) technique utilizes wire and acrylic nasal stents attached to an oral molding plate to shape the nasal alar cartilages into normal form and position. We demonstrate how to non-surgically elongate the columella in bilateral cleft lip and palate, through the application of tissue expansion principles, eliminating surgical scars associated with traditional columella reconstruction. (V, L)
Barry Grayson, DDS, Court B. Cutting, MD, Laurence Brecht, DDS, Margy Maroutsis, Judah S. Garfinkel, DMD, MS
- B. **THE GOTHENBURG, SWEDEN 2-STAGE PALATAL CLOSURE METHOD: A PROTOCOL FOR GOOD LONG-TERM MAXILLARY GROWTH AS WELL AS SPEECH DEVELOPMENT**
We will present our surgical method and long-term results after using early velar closure and delayed hard palate repair in patients with clefts. Details about the surgery as well as the outcome will be compared to reports from other teams also practicing the 2-stage protocol. The participants should then be able to understand how surgical details will be decisive for a good long-term result, both regarding maxillary growth and speech development. (V, L)
Jan Lilja, MD, DDS, PhD, Hans Friede, DDS, PhD, Anette Lohmander, PhD
- C. **SUBJECTIVE AND OBJECTIVE MEASURES OF LIP FUNCTION FOR THE SURGEON**
In this course, participants will gain insight into the difficulties associated with subjective evaluations for treatment planning and outcome assessment of revision surgery in patients with a cleft lip. A systematic approach to subjective assessment will be presented based on static and dynamic facial views of patients and new objective dynamic measurements. (I, L)
Carroll-Ann Trotman, MA, BDS, MS, John A. van Aalst, MD
- D. **TISSUE REGENERATION VS. TISSUE GRAFTING**
Alveolar bone may be absent due to periodontal disease, birth defects, trauma, or other genetic problems. Treatment may be a bone graft, soft tissue graft, a tissue regeneration procedure, or tissue augmentation procedure. Should the graft material be osteoinductive or osteoconductive? Should the material be an autograft, an allograft, a xenograft, or an alloplast? Should a membrane be utilized? What determines the success of the procedure? The purpose of this presentation is to provide evidence based information to evaluate various grafting materials based upon clinical, esthetic, functional, and histological results in humans. (V, L)
Donald Callan, DDS

- E. **TEAM COORDINATION 101**
 This presentation is directed toward new or less experienced team coordinators and other professionals who are interested in ways to effectively manage a cleft/craniofacial team. Topics will include models of team care, record keeping, insurance issues, communication, growth, multiple roles the coordinator has and overall management to facilitate satisfied families and team members. (B, L)
Jamie S. Idelberg, BS, RDH, Iris H. Sageser, RDH, BS
- F. **SETTING UP A CHILDRENS HOSPITAL-BASED CRANIOFACIAL ORTHODONTIC PRACTICE: LESSONS LEARNED**
 Recognizing the critical need for orthodontic services for their patients, a children's hospital craniofacial and cleft program approached the hospital administration to gain support for the recruitment of a full time, fellowship-trained craniofacial orthodontist and the establishment of an orthodontic practice within the hospital. This lecture will describe the systematic process of selling a new service to hospital administrators, including both clinical and fiscal justifications, and describe the actual set-up process, including how to avoid potential pitfalls. (V, L)
Deji V. Fashemo, BDS, MPH, Eric H. Hubli, MD, Kevin S. Hopkins, MD
- G. **WHAT'S YOUR TEAM MISSING? SLEEP APNEA**
 This session will review the importance of screening patients for symptoms of sleep apnea. We will present our screening tools and patient results. The impact of sleep apnea on all facets of care will be discussed, including the specific link between speech and apnea. Formal sleep study data will be presented and psychosocial implications reviewed. Finally, we will discuss a two surgeon approach to treatment. Our goal is to emphasize the importance of evaluating all team patients for sleep apnea. We then present a systematic approach to diagnosing and treating obstructive sleep apnea in the child with a cleft/craniofacial difference. (I, P)
John Giroto, MD, Heidi Connolly, MD, Ken Whittlemore, MD, Merideth Rao, MA, Margaret Carno, PhD, RNC
- H. **SPEECH PATHOLOGY CORE CURRICULUM FOR CRANIOFACIAL TEAM MEMBERS**
 Because normal speech is the primary purpose for surgical management of cleft palate, all craniofacial professionals, including surgeons, should have an understanding of the complexity of speech production and the many factors that can affect speech or resonance. Through lecture and simple "science experiments," this course will provide information on the physiology and physics of speech production and how alterations in structure can have a significant effect on the acoustic product of speech. (I, L)
Ann W. Kummer, PhD

4:00-4:30PM EXHIBITS, COFFEE BREAK

STUDY SESSIONS: GROUP II

4:30-6:00PM

- I. **CAMP C.A.R.E. PROVIDING SPEECH, OCCUPATIONAL AND DOG THERAPY IN A CAMP SETTING**
 This study session will present a unique speech therapy camp that incorporates speech therapy, occupational therapy and dog therapy to help "campers" with speech, language and resonance disorders secondary to the history of a craniofacial difference. At the conclusion of this study session the participant will demonstrate knowledge of the use of a camp setting for the provision of therapy services. (B, L)
Diane M. Altuna, MS
- J. **MANDIBULAR DISTRACTION IN NEONATES**
 Mandibular distraction is a technique gaining wider application in the neonatal period for relief of airway obstruction associated with Pierre Robin sequence. The diagnosis, application of specific diagnostic modalities, and management protocol for these patients is critical to success. The focus of this course is to aide in identifying the specific patients which will benefit from this procedure as well as to provide some technical guidance and pitfall avoidance strategies in the surgical application of the distraction devices. (V, L)
Arlen D. Denny, MD, Christian A. El-Amm, MD

- K. **INDIVIDUALIZING AND IMPROVING CLEFT LIP AND NASAL RECONSTRUCTION**
 The goal of cleft reconstruction is symmetry in repose and in motion. The presenters will discuss nasal molding and premaxillary repositioning using customized orthodontic appliances. Alternatively, the use of prefabricated conformers and tape can make this technique more readily accessible. Surgical techniques include planning skin incisions to reflect individual anatomy. Muscle reconstruction is designed to enhance lip function. Outcome assessment will include video clips in addition to photos of varying degrees of animation. The session is designed for plastic surgeons, orthodontists and other cleft care “first responders”. The goal is for participants to become critical observers and acquire practical techniques for more natural results. (V, L)
Janet Salomonson, MD, Don LaRossa, MD
- L. **THE INTEGRATION OF E-HEALTH IN A REGIONAL CRANIOFACIAL CLEFT LIP/PALATE TREATMENT CENTER**
 We will present in detail, the integration of an E-Health initiative at a regional tertiary children’s hospital and its application to the Craniofacial Center - from concept to implementation. This should benefit those in all specialties - especially from centers serving large rural areas and those interested in starting or enhancing their programs. Emphasis will be on sustainability, government grants; personnel; hardware, and software, integration with existing systems; videophones and new technology on the horizon. (V, P)
Kevin S. Hopkins, MD, Eric H. Hubli, MD, Deji V. Fashemo, BDS, MPH, Lori Maiolo Balch
- M. **THE LATINO TRANSITION--CHALLENGES TO CRANIOFACIAL TEAMS**
 Many Craniofacial Teams are seeing a growing number of Latino patients. These patients have unique needs compared to non-Spanish speaking populations. In the framework of a multi-disciplinary panel, this course will raise issues related to care of Latino craniofacial patients and their families in a team environment, specific obstacles that may arise, and most importantly, how to improve services for this unique and growing population. (I, P)
John A. van Aalst, MD, Amelia F. Drake, MD, Lynn M. Fox, MA, Med, Margot B. Stein, PhD, Ronald P. Strauss DMD, PhD
- N. **MANAGEMENT OF FEEDING IN INFANTS WITH CRANIOFACIAL ANOMALIES**
 Efficient feeding of infants with cleft palate +/- cleft lip and other craniofacial anomalies is a primary need in the first months of life. Infants with a cleft palate in combination with airway and/or neurologic complications may present challenges in meeting nutrition needs in non-stressful ways. This session will discuss issues related to oral feeding, describe clinical and instrumental assessments, and provide guidelines for management. Participants will demonstrate understanding of complex interactions of anatomy/structure with airway and neurologic complications in infants with craniofacial anomalies in consideration of feeding strategies. (I, L)
Joan C. Arvedson, PhD, Patricia Desmond-Bradley, MS
- O. **NASAL ENDOSCOPY FOR THE NEWBIE**
 Office-based fiberoptic nasal endoscopic evaluation of the upper aerodigestive tract has been a staple tool of the general otolaryngologist for 20 years. More recently, craniofacial surgeons and speech language pathologists have realized the value of this technology to assess various aspects of upper aerodigestive anatomy and function in patients with cleft and other craniofacial disorders. This didactic presentation with hands-on practice will focus on the team or team member who wishes to begin using the available technologies or expand the role of existing technology. Topics covered will include: scope and equipment selection, equipment cleaning and maintenance, basic examination skills, and examination documentation. Hands-on practice in anatomic models and human subjects will be available. (I, H)
Gregory C. Allen, MD, Sondra Valdez, BSN, Mary Kay Farina, MS, Jeffrey Steffen, MA
- P. **VIDEONASENDOSCOPY AND VIDEOFLUOROSCOPY: ONE, THE OTHER, OR BOTH?**
 This session examines the link between the presenting cleft type speech problems and choice of best/most informative imaging study for answering diagnostic questions. Part I presents information on efficacy of videofluoroscopy and videonasendoscopy and their roles in differential diagnosis in velopharyngeal speech function. Part II presents results of a survey on current practice in instrumental imaging studies of velopharyngeal speech function and relates current practice to best practice. Part III allows time for participant discussion. (I, L)
Judith E. Trost-Cardamone, PhD, Linda D. Vallino, PhD

6:30-7:30PM **ASHA DIVISION 5 RECEPTION**

Cash bar and hors d'oeuvres.

The steering committee of ASHA's Division 5 is sponsoring an informal meeting and reception for speech pathologists/speech scientists. This is an opportunity to meet others with similar interests and learn more about the activities of the Division as well as its relationship with ACPA.

Friday, April 27, 2007

7:00AM REGISTRATION / SPEAKER READY ROOM OPEN

GENERAL SESSION IV—RANDOMIZED CLINICAL TRIALS OF FOLIC ACID FOR PREVENTION OF RECURRENCES OF CLP

Goal: To provide new information on the use of folic acid in a large prospective clinical trial affecting children with cleft/craniofacial conditions.

Objective: Attendees will be able to identify risks, benefits, outcomes, and mechanisms of action in the clinical trial.

8:00AM – 9:00AM

Panel Moderator: Jeffrey Murray, MD

RANDOMIZED CLINICAL TRIALS OF FOLIC ACID FOR PREVENTION OF RECURRENCES OF CLP

Jeffrey C. Murray, MD, George L. Wehby, PhD, Marie Tolarova, MD, PhD, DSc, John Canady, MD

There have been a number of studies suggesting a possible beneficial effect of various doses of folic acid given to a mother preconceptionally to prevent recurrences of cleft lip and/or palate in her next pregnancy. Despite published reports and some recommendations on use there has been no definitive, prospective, randomized clinical trial of sufficient size to provide data on benefit and risk.

A formal presentation providing background on folic acid and cleft recurrence and the current status of a large, randomized clinical trial in Brazil will be presented, as well as some options for including new sites and mechanisms of engagement and analysis.

9:00AM ACPA ANNUAL BUSINESS MEETING

Open only to ACPA members

10:00AM POSTER SESSION B, EXHIBITS, COFFEE BREAK

CONCURRENT SPECIALTY SESSIONS – 10:30AM-12:00PM

SESSION I: ASCFS – PART I

Goal: To provide those who treat craniofacial disorders with a forum to discuss concepts and share information.

Objective: Attendees will be able to discuss and evaluate at least three new management techniques for a variety of craniofacial conditions.

Session Chair: Stephen P. Beals, MD

- Co-Chair: Joseph E. Losee, MD
- 10:30AM MANAGEMENT OF NEONATAL UPPER AIRWAY OBSTRUCTION: DECREASED MORBIDITY UTILIZING A DECISION TREE MODEL WITH MANDIBULAR DISTRACTION OSTEOGENESIS
Vyas, Dipple, Head, Wald, Wasson, Gabbay, Bradley
- 10:40AM COMPLICATION OF MANDIBULAR DISTRACTION A 16 YEAR REVIEW
Shetye, Warren, Brown, Garfinkle, Grayson, McCarthy
- 10:50AM COMPARISON BETWEEN CORTICOTOMY-AND OSTEOTOMY- ASSISTED TOOTH MOVEMENT
Lee, Moats, Yamashita, Yen
- 11:00AM BLOOD CONSERVATION DURING CRANIOSYNOSTOSIS REPAIR USING PROCRT WITH THE CELL SAVER SYSTEM
Pung, Krajewski, Ashley, Lazareff, Jarrahy, Bradley
- 11:10AM DISCUSSION
- 11:20AM BMP-2 HEALS LARGE-SCALE CALVARIAL DEFECTS IN A RABBIT MODEL
Smith, Afifi, Cooper, Mooney, Losee
- 11:30AM CRANIOPLASTY USING AUTOLOGOUS CALVARIAL CORTICOCANCELLOUS BONE MUSH
Greene, Mulliken, Rogers
- 11:40AM SUSPENSION GRID CALVARIAL VAULT REMODELING: MAXIMIZING RESULTS & MINIMIZING COST
Rhodes, Goodrich, Staffenberg
- 11:50AM DISCUSSION
- 12:00PM ASCFS LUNCHEON/BUSINESS MEETING (separate registration fee required)
Open only to members of the American Society of Craniofacial Surgeons
- 12:00PM LUNCH BREAK (ON YOUR OWN)

SESSION II: NURSING/PSYCHOLOGY

Goal: To provide a forum for sharing developmental challenges in cleft and craniofacial children.

Objective: Attendees will be able to discuss three factors that affect development of children with cleft and craniofacial conditions.

Session Chair: Marilyn A. Cohen, BA
Co-Chair: Nancy W. Berk, PhD

- 10:30AM BEHAVIORAL ADAPTATION IN TODDLERS WITH CRANIOSYNOSTOSIS
Cradock, Armstrong, Keich Cloonan, Kapp-Simon, Speltz
- 10:40AM EFFECTIVENESS OF PEDIATRIC NURSE PRACTITIONER-DIRECTED DEFORMATIONAL PLAGIOCEPHALY CLINIC AT A CRANIOFACIAL CENTER
Crupi, Oliverio, Shelton, Winter, Kuang

- 10:50AM NEURODEVELOPMENT OF PRESCHOOLERS WITH SINGLE SUTURE CRANIOSYNOSTOSIS
Gaither, Kapp-Simon, Keich Cloonan, Cradock, Collett, Buono, Speltz
- 11:00AM WHEN MY CHILD WAS BORN: CROSS CULTURAL MATERNAL REACTIONS TO THE BIRTH OF A CHILD WITH CLEFT LIP AND PALATE
Oppenheimer, Chapman, Giroto
- 11:10AM DISCUSSION
- 11:20AM INCIDENCE OF OBESITY IN CHILDREN WITH UNILATERAL CLEFT LIP AND PALATE
Cohen, Sharrar, Post, Matthews
- 11:30AM PSYCHOSOCIAL FUNCTIONING IN PARENTS OF ADOLESCENTS WITH AND WITHOUT CONGENITAL CRANIOFACIAL CONDITIONS
Crerand, Sarwer, Bartlett, Whitaker
- 11:40AM UPDATING THE EPIDEMIOLOGY OF CLEFT LIP AND PALATE
Mahabir, Menezes
- 11:50AM DISCUSSION
- 12:00PM LUNCH BREAK (ON YOUR OWN)

SESSION III: CRANIOFACIAL BIOLOGY

Goal: To create an awareness of new research in cleft/craniofacial conditions.

Objective: Attendees will be able to identify three new research findings related to cleft/craniofacial care.

Session Chair:

Co-Chair:

- 10:30 AM LEVATOR FUNCTION IPSILATERAL TO MICROTIA: A POSSIBLE EMBRYOLOGICAL HINT REGARDING THE ETIOLOGY OF ISOLATED SOFT PALATE CLEFTS
Carstens, Reinisch
- 10:40 AM DISTRACTION OSTEOGENESIS OF THE PALATE: AN UPDATE OF RESULTS IN THE RABBIT MODEL AND A CASE REPORT OF A PALATAL DISTRACTOR FOR HUMANS
Menezes, Stephenson, Murphy
- 10:50 AM COMPENSATORY CHANGES IN THE POSTERIOR CRANIAL FOSSA IN CRANIOSYNOSTOTIC RABBITS
Hyre, Morris, Barbano, Fellows-Mayle, Siegel, Mooney
- 11:00 AM STENOSIS OF THE JUGULAR FORAMEN IN CRANIOSYNOSTOTIC RABBITS
Smith, Fellows-Mayle, Cooper, Vecchione, Affi, Fitz, Pollack, Mooney, Losee
- 11:10 AM DISCUSSION
- 11:20 AM THE ROLE OF PYROPHOSPHATE AND ANK IN CRANIOFACIAL BONE REMODELING
Zajac, Cabiling, Salhab, Lee, Choi, Kirschner, Nah

11:30 AM APOPTOSIS REGULATION IN TGF-BETA3 GENE THERAPY-MEDIATED CRANIAL SUTURE PATENCY

Premaraj, Mundy, Mooney, Moursi

11:40AM DISCUSSION

12:00PM LUNCH BREAK (ON YOUR OWN)

SESSION IV: ORTHODONTICS

Goal: To create a forum for discussion of dentalfacial growth in cleft/craniofacial conditions.

Objective: Attendees will be able to identify three concepts related to dental and alveolar molding or facial growth in children with cleft/craniofacial conditions.

Session Chair: Kirt E. Simmons, DDS, PhD

Co-Chair: Bernard J. Costello, MD, DMD

10:30AM DISTRACTION OSTEOGENESIS OF THE MANDIBLE AND PHARYNGEAL AIR WAY CHANGES- A CEPHALOMETRIC STUDY OF 13 CASES

Singh, Datta, Rattan, Utreja

10:40AM

10:50AM THE ORTHODONTIC AND SURGICAL TREATMENT OF DENTAL ANOMALIES IN CHILDREN WITH COMPLETE UNILATERAL CLEFT LIP AND PALATE AT THE HOSPITAL FOR SICK CHILDREN, TORONTO, CANADA.

Cassolato, Ross, Daskalogiannakis, Tompson

11:00AM PSYCHO-SOCIAL IMPLICATIONS OF EXTERNAL DISTRACTION DEVICES FOR TREATING FACIO-MANDIBULAR DEFORMITIES

Datta, Utreja, Singh, Rattan

11:10AM DISCUSSION

11:20AM THE EFFECT OF ALVEOLAR BONE GRAFTING ON MAXILLARY CANINE ERUPTION IN COMPLETE UNILATERAL CLEFT LIP AND PALATE

Favot, Daskalogiannakis

11:30AM THE GOSLON YARDSTICK IN PATIENTS WITH UCLP: A REVIEW OF A VIENNA SAMPLE

Sinko, Baumann, Mars

11:40AM SIZE OF THE PREMAXILLA IN INFANTS WITH COMPLETE BILATERAL CLEFT LIP AND PALATE AS AN INDICATOR OF DENTAL DEVELOPMENT IN THE PRIMARY AND PERMANENT DENTITIONS

Caro, Ross, Tompson

11:50AM DISCUSSION

12:00PM LUNCH BREAK (ON YOUR OWN)

CONCURRENT SPECIALTY SESSIONS – 1:30PM-3:00PM

SESSION V: ASCFS – PART II

Goal: To provide a forum for discussion of techniques, outcomes, and morbidity related to craniofacial surgery.

Objective: Attendees will be able to discuss current concepts in craniofacial surgery.

Session Chair: Jack C. Yu, MD, DMD, MS

Co-Chair: Jeffrey Weinzweig, MD

- 1:30PM AESTHETIC OUTCOME IN PATIENTS WITH POSITIONAL PLAGIOCEPHALY
Mason, Miller, Chong, Phillips, Forrest
- 1:40PM NONSYNDROMIC CRANIOSYNOSTOSIS: CRITICAL EVALUATION OF CURRENT TREATMENT OPTIONS
Cohen, Broder, Gosman, Meltzer, Levy
- 1:50PM COMBINED NON-PLANAR CRANIOSYNOSTOSIS: A RARE CAUSE OF CRANIAL DEFORMITY
Greene, Proctor, Mulliken, Rogers
- 2:00PM A NEW ENDOSCOPIC CRANIAL VAULT REMODELING TECHNIQUE FOR THE TREATMENT OF METOPIC CRANIOSYNOSTOSIS
Schnitt, Stelnicki, Heger
- 2:10PM DISCUSSION
- 2:20PM POST-OPERATIVE CHANGES OF THE ORBITAL BANDEAU ADVANCEMENT AND FRONTAL CRANIOPLASTY TWO YEARS AFTER SURGICAL CORRECTION OF METOPIC CRANIOSYNOSTOSIS
Birgfeld, Hopper, Avellino, Ellenbogen, Verhalen, Gruss
- 2:30PM VARIATIONS ON A BANDEAU
Fearon, Ruotolo
- 2:40PM FACIAL ASYMMETRY IN UNILATERAL CORONAL SYNOSTOSIS: LONG-TERM RESULTS AFTER FRONTO-ORBITAL ADVANCEMENT
Oh, Wong, Ohta, Deutsch, Rogers, Mulliken
- 2:50PM DISCUSSION
- 3:00PM POSTER SESSION B, EXHIBITS, COFFEE BREAK

SESSION VI: GENETICS/NEUROLOGY

Goal: To create an awareness of new genetic research in cleft/craniofacial conditions.

Objective: Attendees will be able to identify three new genetic findings related to cleft/craniofacial care.

Session Chair: Kathleen A. Russell, DDS, MSc

Co-Chair: Michael L. Cunningham, MD, PhD

- 1:30PM GENOTYPE AND BRAIN PHENOTYPE IN ISOLATED CLEFTS OF THE LIP AND/OR PALATE (ICLP)
Nopoulos, Welte, Lidral
- 1:40PM POLYMORPHISM OF MTHFR, RFC1, MSX1 AND OROFACIAL CLEFTS IN DIFFERENT POPULATIONS
Tolarova, Pawar, Obara, Aljabeiti, Costanzo, Oh, Salahuddin, Delurgio, Soliman, Tolar

- 1:50PM SOCIAL FUNCTION IN BOYS WITH CLEFT LIP AND PALATE: RELATIONSHIP TO VENTRAL FRONTAL CORTEX MORPHOLOGY
Boes, Murko, Wood, Langbehn, Canady, Richman, Nopoulos
- 2:00PM LOW DIETARY INTAKE OF ZINC IN ETIOLOGY OF CLEFT LIP AND PALATE
Tinloy, Obara, Pawar, Mosby, Anderson, Tolarova
- 2:10PM DISCUSSION
- 2:20PM MORPHOLOGIC CHARACTERISTICS OF KABUKI SYNDROME
Oberoi, Springer, Slavotinek, Vargervik
- 2:30PM GENOTYPE-PHENOTYPE CORRELATION IN SYNDROMIC CRANIOSYNOSTOSIS
Bauer, Schain
- 2:40PM PRENATAL PRESENTATION OF TWO CRANIOFACIAL DISORDERS: A CAUTIONARY TALE
McDonald-McGinn, Unanue, Schultz, Driscoll, Bartlett, Zackai
- 2:50PM DISCUSSION
- 3:00PM POSTER SESSION B, EXHIBITS, COFFEE BREAK

SESSION VII: PIERRE ROBIN

Goal: To provide a forum for the discussion of topics related to Pierre Robin Sequence.

Objective: Attendees will be able to identify three new concepts in the diagnosis or treatment of Pierre Robin Sequence.

Session Chair: Gregory C. Allen, MD

Co-Chair: John W. Canady, MD, FACS, FAAP

- 1:30PM HYOID BONE ABNORMALITIES IN SURGICAL PATIENTS WITH PIERRE-ROBIN SEQUENCE
El Amm
- 1:40PM ANTHROPOMETRIC MEASUREMENT OF MANDIBULAR GROWTH IN CHILDREN WITH PIERRE ROBIN SEQUENCE
Elliott, Jackson, Chen, Minugh-Purvis, Mayro, Kirschner, Bartlett, Low, Randall
- 1:50PM GASTROESOPHAGEAL REFLUX IN INFANTS WITH ROBIN SEQUENCE: RESULTS OF TREATMENT WITH NASOPHARYNGEAL INTUBATION
Marques, Monteiro, de Souza, Bettiol, Ribeiro, Costa
- 2:00PM TONGUE-LIP ADHESION FOR SEVERE ROBIN SEQUENCE: DETERMINANTS OF OUTCOME
Murthy, Rogers, Mulliken
- 2:10PM DISCUSSION
- 2:20PM PREVALENCE OF MISDIAGNOSIS AMONG REFERRING PHYSICIANS FOR CRANIOSYNOSTOSIS AND PLAGIOCEPHALY PATIENTS
Blomeyer, Ray, Blount, Wellons, Robin, Grant
- 2:30PM THE EXTENDED STRIP CRANIECTOMY FOR CORRECTION OF SAGGITAL SYNOSTOSES
Chong, Kumar, Mason, Armstrong, Forrest
- 2:40PM COMPARISON OF MANDIBULAR MORPHOLOGY IN SURGICALLY CORRECTED AND

UNCORRECTED PATIENTS WITH UNILATERAL CORONAL SYNOSTOSIS

Van Pelt, Govier, Kane, Woo

2:50PM DISCUSSION

3:00PM POSTER SESSION B, EXHIBITS, COFFEE BREAK

SESSION VIII: TECHNOLOGY

Goal: To present information about new technologies available to assist in treatment and research for cleft and craniofacial conditions.

Objective: Attendees will be aware of three new areas of technological advancement that may aid them in patient care.

Session Chair: Jeff K. Steffen, MA

Co-Chair: Rodney E. Schmelzer, MD

1:30PM NASAL MOLDING QUANTIFICATION OF SOFT TISSUE CHANGES USING THREE-DIMENSIONAL SURFACE SCANS IN PATIENTS WITH UNILATERAL CLEFT LIP AND PALATE
Clark, Arigo, Da Silveira, Subtelny

1:40PM VALIDITY AND RELIABILITY OF CRANIOFACIAL ANTHROPOMETRIC MEASUREMENT OF 3D DIGITAL PHOTOGRAMMETRIC IMAGES
Wong, Oh, Ohta, Hunt, Rogers, Mulliken, Deutsch

1:50PM PRECISION OF HEAD SCAN ALIGNMENT FOR ESTIMATION OF TIME DEVELOPMENT IN DEFORMATIONAL PLAGIOCEPHALY
Darvann, Hermann, Tenenbaum, Govier, Naidoo, Larsen, Kreiborg, Kane

2:00PM DYNAMIC SPRING MEDIATED CRANIOPLASTY IMPROVES ANTERIOR CRANIAL VOLUME IN PATIENTS WITH SAGITTAL SYNOSTOSIS
Powers, Glazier, David

2:10PM DISCUSSION

2:20PM NEW SEVERITY INDICES FOR QUANTIFYING UNICORONAL AND METOPIC SYNOSTOSIS
Lin, Cunningham, Ruiz-Correa, Speltz

2:30PM CT ANALYSIS OF PEDIATRIC CORONAL RING DEFECT HEALING TWO YEARS FOLLOWING FRONTO-ORBITAL ADVANCEMENT
Ver Halen, Hopper, Avellino, Ellenbogen, Cunningham, Gruss

2:40PM UTILIZING A CARE MANAGEMENT MODEL TO OPTIMIZE CLEFT CARE
Lara

2:50PM DISCUSSION

3:00PM POSTER SESSION B, EXHIBITS, COFFEE BREAK

CONCURRENT SPECIALTY SESSIONS – 3:30PM-5:00PM

SESSION IX: CLEFT LIP/PALATE SURGERY

Goal: To provide a forum for discussion surgical practices and techniques related to the correction of cleft lip and palate.
Objective: Attendees will be able to identify three outcomes supported surgical practices and techniques used for cleft lip and palate repair.

Session Chair: Delora L. Mount, MD
Co-Chair: Alex A. Kane, MD

- 3:30PM ANTHROPOMETRY OF THE EXTERNAL EAR IN CLEFT LIP AND PALATE CHILDREN WITH COMPARISON TO AGE-MATCHED CONTROLS
Cooper, Perlyn, Golan, Cardenas, Thaller
- 3:40PM DETECTION AND TREATMENT OPTIONS FOR SMCP
Worrall, Smith, Vecchione, Ford, Losee, Jiang
- 3:50PM PROGRESS IN PALATOPLASTY: STRATEGIES TO ELIMINATE FISTULAE
Smith, Vecchione, Jiang, Ford, Giroto, Haralam, Affi, Cooper, Losee
- 4:00PM INCIDENCE OF FISTULA FOLLOWING PRIMARY CLEFT REPAIR IN PATIENTS WHO HAVE UNDERGONE BARDACH PALATOPLASTY, NASOALVEOLAR MOLDING (NAM) AND GINGIVOPERIOSTEOPLASTY (GPP)
Giannoutsos, Cutting, Grayson
- 4:10PM DISCUSSION
- 4:20PM TIMELINESS OF PRIMARY CLEFT LIP/PALATE SURGERY
Cassell, Meyer, Howell, Daniels
- 4:30PM CURRENT SURGICAL PRACTICES IN CLEFT CARE: CLEFT PALATE REPAIR TECHNIQUES AND POST OPERATIVE MANAGEMENT
Basile, Katzel, Marcus, Giroto
- 4:40PM PLAN SCORE: PENNSYLVANIA LIP AND NOSE SCORING SYSTEM FOR CLEFTLIP AND NOSE DEFORMITIES
Affi, Smith, Deleyiannis, Jiang, Mooney, Vecchione, Ford, Kirschner, McKay, Boustred, Losee
- 4:50PM DISCUSSION

SESSION X: SPEECH

Goal: To provide a forum to share data on speech characteristics and measurement techniques of children with cleft and craniofacial conditions.
Objective: Attendees will be able to identify three techniques for assessing speech in children with cleft and craniofacial conditions.

Session Chair: Mary M. O’Gara, MA

Co-Chair: Kerry Callahan-Mandulak, MA

- 3:30PM MAGNETIC RESONANCE IMAGING OF THE LEVATOR VELI PALATINI MUSCLE IN SPEAKERS WITH REPAIRED CLEFT PALATE
Ha, Kuehn, Cohen

- 3:40PM AERODYNAMIC AND ACOUSTIC EVIDENCE OF ABRUPT LARYNGEAL ENGAGEMENT IN CHILDREN WITH REPAIRED CLEFT PALATE
Zajac, Milholland
- 3:50PM PERCEPTUAL AND NASOMETRIC CHARACTERISTICS OF PHONEME SPECIFIC VPI
Karnell, Dailey
- 4:00PM NASOENDOSCOPIC ANALYSIS OF VELOPHARYNGEAL FUNCTION BEFORE AND DURING DIAGNOSTIC THERAPY
Pegoraro-Krook, Dutka-Souza, Marino
- 4:10PM DISCUSSION
- 4:20PM RATING HYPERNASALITY: DIRECT MAGNITUDE ESTIMATION (DME) VERSUS VISUAL ANALOGUE SCALING (VAS)
Whitehill, Cheng, Jones
- 4:30PM CONSONANT PRODUCTION AT 12 AND 18 MONTHS AFTER EARLY VELAR REPAIR IN INFANTS WITH UNILATERAL CLEFT LIP AND PALATE
Lohmander, Olsson
- 4:40PM NEUROPSYCHOLOGICAL PATTERNS IN CHILDREN WITH CLEFT OF THE LIP AND/OR PALATE
Conrad, Richman, Nopoulos
- 4:50PM DISCUSSION

SESSION XI: NON-SYNDROMIC OROFACIAL CLEFTS - PANEL

Goal: To provide a forum to share data on phenotypic features in cleft and craniofacial conditions.

Objective: Attendees will be able to identify three new phenotypic features in non-syndromic clefts.

Session Chair: Mary L. Marazita, PhD

3:30PM – 5:00PM

EXPANDED PHENOTYPIC FEATURES IN NONSYNDROMIC OROFACIAL CLEFTS: PANEL DISCUSSION ON CLINICAL IMPLICATIONS

Mary L. Marazita, PhD, Alexandre R. Vieira, DDS, MS, PhD, Seth Weinberg, MA, Mark P. Mooney, PhD, Peggy Nopoulos, MD, Marilyn Jones, MD, Jeffrey C. Murray, MD

The objective of this panel discussion is to provide a comprehensive review of several phenotypic features associated with nonsyndromic orofacial clefts. These features include orbicularis oris (OO) muscle defects, dental anomalies, craniofacial morphology, structural brain anomalies, lip print patterns, and velopharyngeal incompetence (VPI).

During this 90 minute Panel Discussion, evidence for each of these phenotypic features will be reviewed, and then panelists will discuss the implications of expanded phenotypic features on clinical practice.

SESSION XII: IT TAKES A TEAM

Goal: To provide a forum for explaining the role of the team in the care of cleft and craniofacial conditions.

Objective: Attendees will better understand the role of the team in patient care.

Session Chair: Margaret A. Wells-Friedman, MA

Co-Chair: Jamie S. Idelberg, BS, RDH

3:30PM INFLUENCE OF CLEFT WIDTH BEFORE PRIMARY SURGERIES ON DENTAL ARCH GROWTH AT 6 YEARS OF AGE

Ozawa, Cavassan, Silva, Lauris, Almeida, Gomide, Costa, Pegoraro-Krook, Dutka-Souza

3:40PM PRIMARY OVERCORRECTION OF THE UNILATERAL CLEFT NASAL DEFORMITY: QUANTIFYING THE RESULTS

Morris, Lo

3:50PM AESTHETIC RHINOPLASTY IN TEENAGERS WITH CLEFT LIP. EXTERNAL APPROACH WITH PRESURGICAL TIP EXPANSION AND CARTILAGE GRAFTS

Velazquez, Berlanga

4:00PM AN ANTHROPOMETRIC EVALUATION OF CRANIAL AND FACIAL ANOMALIES IN PATIENTS WITH POSITIONAL PLAGIOCEPHALY

Kolar

4:10PM DISCUSSION

4:20PM DEVELOPMENT OF A REGISTRY AS A TOOL FOR PATIENT MANAGEMENT, AUDIT AND RESEARCH

Kilpatrick, Simms, Lin, Reid

4:30PM A MODEL FOR FAMILY CENTERED CRANIOFACIAL TEAM CARE AND ADVOCACY

Hathaway

4:40PM CHALLENGES TO CRANIOFACIAL TEAMS CARING FOR LATINO PATIENTS: THE NORTH CAROLINA EXPERIENCE

van Aalst, Drake, Fox, Stein, Strauss, Watson

4:50PM DISCUSSION

7:00PM **CENTERPLATE AT FOLSOM FIELD**

Supported in part by KLS Martin, LP and Medical Modeling LLC

BOARDING 6:30PM AT EAST ENTRANCE (CONFERENCE ENTRANCE)

SATURDAY, April 28, 2007

GENERAL SESSION V - OUTCOMES

Goal: To provide a forum to share data on long-term outcomes of specific treatment protocols for cleft and craniofacial conditions.

Objective: Attendees will be able to identify specific treatment protocols that result in improved outcomes for patients with cleft and craniofacial conditions.

Session Chair: Roy C.A. Weatherley-White, MD

Co-Chair: Theresa M. Snelling, MA

- 8:30AM THE IMPACT OF ISOLATED CLEFT LIP AND/OR PALATE ON BIRTH OUTCOMES
Wehby, Castilla, Lopez Camelo, Murray
- 8:40AM COMPARATIVE OUTCOMES OF MILLARD ROTATIONAL ADVANCEMENT VARIANT AND PFEIFER INCISION FOR UNILATERAL CLEFT LIP REPAIR
Reddy, Gosla
- 8:50AM COMPARISON OF TREATMENT OUTCOMES FOR PATIENTS WITH UNILATERAL CLEFT LIP AND PALATE FROM THE SAME CENTER: AN INTERNAL AUDIT OF PRIMARY PROTOCOL RESULTS
Long, Huls, Vander Wall, Ruda, Ahmed, Chartier, Flinn
- 9:00AM SOCIAL AND NEUROPSYCHOLOGICAL OUTCOMES OF CHILDREN WITH AND WITHOUT HEMIFACIAL MICROSOMIA
Cloonan, Werler, Starr, Collett, Speltz
- 9:10AM DISCUSSION
- 9:20AM INFLUENCE OF ONE STAGE AND TWO STAGES LIP REPAIRS ON THE DENTAL ARCH DIMENSIONS OF CHILDREN WITH BILATERAL CLEFT LIP AND PALATE
Ozawa, Silva, Cavassan, Menezes, Silva, Duarte
- 9:30AM PRIMARY ALVEOLAR BONE GRAFTS: ARCH DIMENSIONS IN UNILATERAL CLEFT PALATE AND LONG TERM RESULTS
Hathaway, Long
- 9:40AM THE AMERICLEFT PROJECT - A 6-CENTER PILOT PROJECT USING THE EUROLEFT PROTOCOL FOR INTERCENTER COLLABORATIVE OUTCOME STUDIES
Long, Hathaway, Cohen, Daskalogiannakis, Howard, Russell, Mercado, Shaw, Semb, Ruda, Ahmed,
- 9:50AM DISCUSSION
- 10:00AM COFFEE BREAK

CLOSING GENERAL SESSION

TEAM CHALLENGES PANEL

Goal: To provide an educational forum in which teams will describe their treatment of a difficult craniofacial problem.

Objective: Attendees will be able to discuss two different treatments of a difficult craniofacial condition.

Session Chair: Isaac L. Wornom, III, MD

Co-Chair: Jeffrey R. Marcus, MD

10:30AM TEAM CHALLENGES PANEL PRESENTATION

Isaac L. Wornom, III, MD, Jeffrey R. Marcus, MD

This panel will focus on clinical decision making for challenging patients as faced by the craniofacial team. Two ACPA multidisciplinary craniofacial teams will convene; each team will present to the other a patient with a difficult craniofacial problem. Patient history, pertinent records, and radiology studies will be made available to each team prior to the session. Following case presentations and the recommendations of the responding team, the presenters will discuss the treatment course that was actually performed; available treatment outcomes will be presented. The panel teams and audience will discuss the pros and cons of any conflicting recommendations.

12:00AM MEETING ADJOURNED

POSTER SESSIONS

APRIL 25 AND APRIL 27, 2007

There will be two sets of poster presentations. Poster Session A will run from 8am to 5pm on Wednesday, April 25, and Poster Session B will run from 8am to 5pm on Friday, April 27.

POSTER SESSION A – WEDNESDAY, APRIL 25

Goal: To create a visual forum to share interdisciplinary research and management of individuals with cleft and craniofacial conditions.

1. OBJECTIVE ASSESSMENT OF INTERNAL NASAL DIMENSIONS AND SPEECH RESONANCE IN INDIVIDUALS WITH REPAIRED UNILATERAL CLEFT LIP AND PALATE FOLLOWING RHINOSEPTOPLASTY
Trindade, Bertier, Sampaio-Teixeira
2. ORIENTATION OF CALVARIA TRABECULAE IN PERINATAL RABBITS WITH FAMILIAL CORONAL SUTURE SYNOSTOSIS
Kovacik, Reed, Barbano, Quinlin, Siegel, Mooney
3. DURAL TRACK MORPHOLOGY AT THE CORONAL SUTURE IN CRANIOSYNOSTOTIC RABBITS
Mooney, Reed, Kovacik, Barbano, Cooper, Losee, Siegel
4. CLEFT LIP AND/OR PALATE AND MTHFR C677T POLYMORPHISM IN MONGOLIANS
Natsume, Ariuntuul, Yoshida, Suzuki, Uetani, Maeda, Senda, Tserendulam, Ayanga, Altannamar, Erkhembaatar, Kameyama
5. NASOPHARYNGEAL DIMENSIONS ASSESSED BY ACOUSTIC RHINOMETRY DURING SPEECH
Gomes, Sampaio-Teixeira, Trindade
6. THE INFLUENCE OF LINGUISTIC LEVEL AT THE TIME OF PRIMARY PALATAL SURGERY ON SPEECH OUTCOME FOR CHILDREN WITH CLEFT PALATE
Chapman, Hardin-Jones, Goldstein, Halter, Havlik, Schulte
7. AN ANALYSIS OF NEEDS: THE SCHOOL SPEECH-LANGUAGE PATHOLOGIST AND THE CHILD WITH

CLEFT LIP AND PALATE

Bedwinek

8. DOSE DEPENDENCE OF RISK FOR CLEFT LIP/PALATE ON MATERNAL PLASMA FOLATE
Tolar, AlJabeiti, Pawar, Tolarova
9. SHORT-TERM CHANGES IN SYMPTOMS OF THE TEMPOROMANDIBULAR JOINT IN PATIENTS WITH CLEFT LIP AND PALATE TREATED WITH MAXILLARY DISTRACTION OSTEOGENESIS
Hashimoto, Otsuka, Minato, Sato, Takada, Inoue, Miyamoto, Matsubara, Saito, Hiyama, Ono
10. VELOPHARYNGEAL FUNCTION FOLLOWING PHARYNGEAL FLAP SURGERY ASSESSED BY NASOMETRY AND PRESSURE-FLOW TECHNIQUE
Fukushiro, Yamashita, Trindade
11. SPEECH OUTCOMES IN PATIENTS WHO UNDERWENT INTRAVELAR VELOPLASTY ASSOCIATED TO SECONDARY PALATOPLASTY
Yamashita, Carvalho, Fukushiro, Trindade
12. A RANDOMISED CONTROLLED TRIAL COMPARING SPEECH AND GROWTH OUTCOMES BETWEEN 2 DIFFERENT TECHNIQUES AND 2 DIFFERENT TIMINGS OF SURGERY IN THE MANAGEMENT OF CLEFTS OF THE SECONDARY PALATE: EARLY RESULTS
Yeow, Shue, Young, To, Chastan, Cheng, Lee, Machin, Chua, Bee, Wu
13. AUDIOLOGICAL FINDINGS IN INDIVIDUALS WITH VELOCARDIOFACIAL SYNDROME
Brandão, Genaro, Lopes, Jorge
14. CRANIOFACIAL EXPRESSION OF PVRL1 IN EARLY EMBRYOGENESIS IN ZEBRAFISH
Beiraghi, Mielke, Larson, Ekker
15. HEARING LOSS IN STICKLER SYNDROME
Cardoso, Martinelli, Lazarini, Marques
16. SPEECH OUTCOME IN CHILDREN WITH ROBIN SEQUENCE OPERATED WITH FURLOW AND LANGENBECK PROCEDURES
Oliveira, Marques, Souza, Dutka-Souza
17. RELATIONSHIP BETWEEN NASALANCE VALUES DURING SUSTAINED VOWEL, WORD AND PHRASE PRODUCTION
Dutka-Souza, Pegoraro-Krook, Bastazini, Narece, Silva
18. CARIES-STATUS AND ASSESSMENT OF CARIES-RISK ON COLOMBIAN PATIENTS WITH CLEFT LIP PALATE: VISUAL EXAMINATION USING THE ICDAS CRITERIA AND CARIOGRAM®
Gonzalez, Martignon, Gaona, Grillo, Gamboa, Truque
19. CRANIOFACIAL DISTRACTER APPLICATOR
Ciminello, Wong

POSTER SESSION B – FRIDAY, APRIL 27

20. NORMAL VARIABILITY IN NASALANCE SCORES OVER TIME
Lewis, Watterson, Blanton
21. IT TAKES A TEAM-THAT MAKES A DIFFERENCE
Vastyan, Pecs Cleft Team
22. CAPACITY OF MOTHER OF INFANTS WITH ROBIN SEQUENCE FOR SELF-CARE: THE IMPORTANCE

OF NURSERY ASSISTANCE

Mondini, Lazarini

23. TEAM CARE FOR CHILDREN WITH CRANIOFACIAL MICROSOMIA
Heike, Sittler, Ose, Cunningham, Sie, Lewis, Andrews, Hopper, Williams, Egbert, Horn, Hing
24. AUDIOLOGICAL FINDINGS IN CLEFT LIP AND PALATE
Piazzentin-Penna, Brandão, Ernestino
25. B VITAMINS IN MATERNAL DIET AND OROFACIAL CLEFTS
Aubuchon, Louie, Mosby, Lam, Tolarova
26. OVERWEIGHT AND OBESITY IN BRAZILIAN PRESCHOOL CHILDREN WITH OPERATED CLEFT LIP AND PALATE
Borgo, Martinelli, Marques, Dutka-Souza, Pegoraro-Krook
27. ARTICULATORY FINDINGS IN CHILDREN WITH CLEFT LIP AND PALATE WITH AND WITHOUT LINGUAL FRENULUM ALTERATIONS
Whitaker, Dutka-Souza, Pegoraro-Krook, Neves, Freitas
28. NUTRITIONAL EVOLUTION AFTER ALVEOLAR BONE GRAFTING FOLLOWED BY ORAL NUTRITIONAL SUPPLEMENTATION
Peres, Watanabe, Xavier, Castro, Borgo
29. A CASE REPORT OF CHROMOSOME 18 RING SYNDROME
Hamada, Okuma, Motohashi, Ono
30. EFFECTS OF PREPARATORY INFORMATION ON CAREGIVER'S ANXIETY AND POST-OPERATIVE PRACTICES AND SURGICAL SITE INFECTION IN PEDIATRIC CLEFT LIP-PALATE PATIENTS HAVING RECONSTRUCTION SURGERY
Pradubwong
31. EVALUATION OF TURKISH PATIENTS WITH NONSYNDROMIC UNILATERAL CLEFT LIP AND PALATE: ASSESSMENT OF DENTOFACIAL OUTCOMES
Uzel, Peray, Uzel, Toroglu
32. THE CRANIOFACIAL OUTREACH EXCHANGE (CORE) PROGRAM
Mabry, Langevin
33. NASAL APPROACH FOR EXTRACTION OF INVERTED SUPERNUMERARY TEETH IN CHILDREN WITH A CLEFT
Campodonico, Bahamondes
34. CRANIOFACIAL ANTHROPOMETRIC MEASUREMENTS IN AFROCOLOMBIAN INDIVIDUALS: 2 AND 18 YEARS
Gonzalez, Prada, Martinez, Ballesteros, Bautista
35. FACTORS ASSOCIATED WITH SPEECH PERFORMANCE IN ADOLESCENTS WITH CLEFT PALATE
Cordero, Thurmes, Baylis, Moller
36. VERTICAL CHANGES IN PATIENTS WITH A CLEFT IN THE COURSE OF CRANIOFACIAL GROWTH - A COMPARISON OF TWO TREATMENT PROTOCOLS
Hanke, Lisson
37. CLEFT LIP AND/OR PALATE GENE BANKCENTER-7300 GENE DATA BASE
Natsume, Yoshida, Garidkhuu, Suzuki, Niimi, Furukawa, Minami, Koshiji
38. SPEECH RESULTS IN PATIENTS WITH CLEFT PALATE: EXPERIENCE AT PAKISTAN INSTITUTE OF MEDICAL SCIENCES, ISLAMABAD, PAKISTAN

Ahmad, Ahmad, Farhan

39. MULTIFREQUENCY TYMPANOMETRY IN BABIES WITH CLEFT LIP AND PALATE
Feniman, Lemos, Bosso, André, Piazzentin-Penna

SCIENTIFIC EXHIBITS – 4-25-07 – 4-27-07

ESTHETIC RATINGS AND PERCEPTIONS OF AFFECTED AND UNAFFECTED SUBJECTS BY MEDICAL PROFESSIONALS AND LAYPERSONS

Berk, Berk, Bardi, Resick, Marazita

DEVELOPMENT OF A FONT, KEYBOARD AND COMPUTERISED ANALYSIS MODULE TO FACILITATE THE STUDY OF CLEFT PALATE SPEECH USING THE UNICODE STANDARD

Fitzsimons

CREATING BRIDGES FOR CLEFT PATIENTS

Sharma, Nair, Allain, Lalikos, Dunn, Silverman, Rulfs

COMMERCIAL EXHIBITS

We are pleased to welcome the following exhibitors who have registered to date:

3dMD, LLC, Atlanta, GA
AboutFace USA, South Beloit, IL
Allen Press, Lawrence, KS
Biomet MicroFixation, Jacksonville, FL (formerly W. Lorenz Surgical)
CMF Surgical/Medicon Inc., Jacksonville, FL
Canfield Imaging Systems, Fairfield, NJ
Canica Design, Almonte, ON CANADA
Dolphin Imaging & Management Solutions, Chatsworth, CA
KayPentax, Lincoln Park, NJ
KLS-Martin, LP, Jacksonville, FL
Medical Modeling, LLC, Golden, CO
Medtronic Neurologic Technologies, Goleta, CA
Mosby WB Saunders, Aurora, CO
Orthomerica Products, Inc., Orlando, FL
Porex Surgical, Inc., Newnan, GA
Stryker, Portage, MI
Synthes CMF, West Chester, PA
The Medi-Kid Co. Inc., Hemet, CA

SATURDAY, April 28, 2007

**ACPA/ASHA Post-Conference Symposium for Speech Language Pathologists
April 28, 2007
1:00PM-5:30PM**

**"Assessing and Treating Speech and Resonance in Individuals with Cleft Palate:
A Practical Guide for Speech-Language Pathologists"**

This workshop will include a brief overview describing normal velopharyngeal function and the potential effects of velopharyngeal dysfunction on articulation and resonance. Differential diagnosis of resonance versus articulation disorders will be reviewed. Assessment procedures and therapeutic approaches for working with children who demonstrate articulation errors related to cleft palate and/or velopharyngeal dysfunction will be presented. Important considerations for successful communication between the speech language pathologist and the cleft palate team during the implementation of therapy will also be identified.

Learner Objectives:

1-Participants will be able to identify important factors of a team approach in the evaluation and management of children with cleft palate or velopharyngeal dysfunction disorders.

2-Participants will be able to identify key aspects of the role of the speech – language pathologist (SLP) during the first two years of life in the child born with cleft palate.

3-Participants will be able to describe speech articulation and resonance disorders observed in individuals with cleft palate and related velopharyngeal function disorders.

4-Participants will be able to describe misarticulations associated with cleft palate and velopharyngeal inadequacy, and techniques for treating cleft type errors.

5-Participants will be able to identify speech deviations that can be changed and those that cannot be changed by speech therapy

6-Participants will recognize some of the surgical procedures and prosthetic treatment options used in the physical management of cleft palate.

7-Participants will be able to describe models of interaction between the team SLP and community SLP.

CONNECTIONS 2007

Conference for Patients and Families

Saturday, April 28, 2007

Child care and activities offered throughout the day!

A day for parents and patients presented by the Cleft Palate Foundation

Attendance by ACPA professionals is welcomed and encouraged. Registration is discounted for ACPA members attending the annual meeting.

PROGRAM

(Session topics, times, and presenters are subject to change.)

Friday, April 27, 2007

4PM-6PM **Registration/Check-in/Meet & Greet**

Saturday, April 28, 2007

8:00AM **Registration/Check-in**

9:00AM **Keynote Address:** The Journey of Parenthood: Life Lessons and Legacies
Keynote Speaker: Nancy Berk, PhD

*IT TAKES A TEAM...*and the first team up and the last one standing is always the home team. Yet even in a world of medical miracles and high technology, parenting remains a complex and challenging experience. This keynote will discuss fact vs. fiction, stress and strategies of parenting school age children. Common sources of parental anxiety and tips for coping with young adolescents will be addressed as well as the importance of social support and humor in maximizing family strength and creating a legacy that emphasizes every child in need.

Nancy Berk, Ph.D. is a clinical psychologist, writer, and behavioral sciences researcher. A member of The Center for Craniofacial and Dental Genetics at the University of Pittsburgh, she is involved in the examination of social anxiety, and facial and auditory esthetics. Dr. Berk serves on the Board of Directors of the Cleft Palate Foundation and is a former Behavioral Sciences Editor for the Cleft Palate-Craniofacial Journal. In addition to her scientific publications, she is an accomplished humor writer.

10:00AM **Team Q&A**

Facilitated by CPF President, Earl Seaver, PhD, Team Q & A gives parents an opportunity to learn more about the roles of various team members and how to make the most of their relationship with their cleft-craniofacial treatment teams.

Participants: Ginger Hinton, PhD, Speech Language Pathologist, Greensboro, NC
Bob Mason, DMD, PhD, Orthodontist, Durham, NC
Kim Uhrich, MSW, CCSW, Social Worker, Chapel Hill, NC
Delora Mount, MD, Plastic Surgeon, Madison, WI

11:00AM **Break**

11:30AM-12:30PM Roundtable Discussions – Session One (all round tables offered again, session two, 1:30pm)
CPF is pleased to present concurrent round table discussions in several specific areas of interest. Facilitated by professionals working in cleft and craniofacial care, these small groups will convene around a range of topics including:

The couple relationship – facilitated by Dr. Nancy Berk

Transitions and services in the early childhood and school-age experience – facilitated by Dr. Rebecca Gaither.

Navigating the world of insurance and cleft–craniofacial care –facilitated by Debbie Oliver, Executive Director, About Face

Psychosocial and developmental issues associated with syndromes – facilitated by Mark McGrath, M.S., NCSP, School Psychologist and **Psychotherapist**

The genetics of cleft – craniofacial issues – facilitated by Kristina Kocsis, MS, Genetics Counselor

12:30PM Lunch – Join other families and professionals for a casual, on-site lunch (included with registration fee)

1:30-2:30PM Roundtable Discussions – Session Two

2:30PM “Blessings in Disguise” Panel
Moderated by David Jones, PhD

This parent-child panel will assemble a group of families with older children who’ve come through childhood and adolescence into the world of life after cleft care. Panelists will speak to and answer questions around a range of issues including the dynamics of sibling relationships in cleft-affected families and the challenges that exist there.

3:30PM Break

4:00PM Closing Connection

Carrie Gruman-Trinker

Author of *Your Cleft-Affected Child: The Complete Book of Information, Resources, and Hope*, and *A Special Gift: A Devotional for Mothers of Children With Unique Challenges* and to be released, 2008, *The Invisible Child: Raising the Siblings of Children with Disabilities*

Carrie Gruman-Trinker, recipient of the Cleft Palate Foundation Parent-Patient Leadership Award for 2004, is first and foremost a mom to her five children ages 9 to 16. Her youngest, Aiden, was born with a complete bilateral cleft. When she isn't attending football games, basketball games, wrestling meets, concerts, plays, and the other myriad activities in which her children are involved, Carrie is a music and theatre teacher at a small school in Wisconsin. In her free time (!), Carrie writes. She has published plays, books, magazine articles, brochures and many other items – most of which deal with parenting, and cleft-affected children in particular. Carrie is a passionate activist for her son, and others born with a cleft presentation. She has spoken on the topic in several states in the mid-west and east coast. When this single mom has some down time, she enjoys spending time with family and her dogs, as well as directing community theatre, reading and writing. Carrie welcomes contact with her readers and other people affected by cleft lip and palate.

5:30PM Wine & Cheese Reception

REGISTRATION INFORMATION AND POLICIES

CONFERENCE FEES: Fees apply to each attendee. With the exception of Life Member, and Student Registrations (see below), social events are included in the registration for the 64th Annual Meeting. Extra social event packages may be purchased for guests. **Separate registration fees are required for the Pre-Conference Symposium I, Pre-Conference Symposium II - Nuts & Bolts, Eye Openers, Study Sessions, the Ethics Roundtable Lunch, and the ASCFS Business Luncheon.**

Eye Openers are 50-minute mini-courses. Coffee and muffins are included in the registration fee.

Study Sessions are 90-minute short courses exploring a single subject in-depth by one or more faculty members. The scientific program includes two groups of study sessions.

Limited space is available for Eye Openers and Study Sessions. Registration is accepted on a first-come-first-served basis.

ACPA members are invited to attend the Connections Conference for Patients and Families at a discounted fee if they have registered for the annual meeting.

Take advantage of early registration fees - Forms must be postmarked or submitted online on or before March 31, 2007.

STUDENT/RESIDENT REGISTRATION: Student/resident registrations now include a ticket to the Welcoming Reception but **do not include** tickets to the Annual Luncheon or the Gala. Other registrants are asked to donate unused tickets to students and residents. However, there is no guarantee that tickets will be available. Students and residents may purchase tickets for these functions if guaranteed entrance is desired.

Student and resident non-members must enclose a statement from their department head attesting to current student or resident status.

LIFE MEMBER REGISTRATION: ACPA's life members are welcome to complimentary registration to the scientific sessions of the annual meeting. Due to expenses incurred for other sessions (pre-conference, study sessions and eye openers) and the social events, separate registration fees must be paid to attend these events. Life member registrations now include a ticket to the Welcoming Reception **but do not include** tickets to the Annual Luncheon or the Gala.

PAYMENT POLICY: We regret that we cannot offer reduced registration fees for partial attendance. All payments for registration and social events must be paid in full by personal or institutional check, U.S. money order, or credit card (Visa or Mastercard). On-site registrations must be paid in full at registration. Payment must be made in U.S. funds and drawn on a U.S. bank.

CANCELLATION POLICY: There is a 25% administrative fee for cancellations postmarked prior to March 31, 2007. Cancellations postmarked March 31 – April 13, 2007 will receive a 50% refund. No refunds will be provided after April 13, 2007. All cancellations must be received in writing with postmark and receipt date determining refund action.

ACPA is not responsible for travel expenses or penalties under any circumstances. Attendees voluntarily assume all risks involved in travel to and from the meeting and in attendance at and participation in the program. ACPA and the Omni Interlocken Resort shall not be liable for any loss, injury, or damage to person or property resulting directly or indirectly from any acts of God, acts of government or other authorities, civil disturbances, acts of terrorism, riots, thefts, or from any other similar causes.

SUBSTITUTIONS: Substitutions are accepted but must be sent in writing to the National Office and **received** before the cancellation policy deadline of April 13, 2007.

NEED A ROOMMATE? If you would like to share a hotel room with another attendee, Kathy Bogie at the National Office will be maintaining a list of others who wish to do the same. Please contact her at (919)933-9044 or email meetings@acpa-cpf.org and she will try to connect you with a potential roommate.

ARE YOU A MEMBER OF ACPA? Members register for \$150 less than non-members. This is equal to the amount of 2007 dues. If you have a membership application and prepayment of dues (and entrance fee) on file at the National Office, you may register for the Annual Meeting at the member rate. Contact Rafael Goldberg at (919)933-9044 for information or to receive an application.

SOCIAL EVENTS

- Tuesday, April 24 ACPA/CPF PRESIDENTS' WELCOMING RECEPTION
(cash bar and light hors d'oeuvres)
Supported in part by KLS-Martin, LP, Medical Modeling LLC, and Stryker
- Wednesday, April 25 PAST PRESIDENTS' BREAKFAST
CPF SPORTS EVENT – SPLITZ BOWLING CENTER
Supported in part by Biomet MicroFixation
- Thursday, April 26 ANNUAL AWARDS LUNCHEON
ASHA DIVISION 5 RECEPTION
- Friday, April 27 IT TAKES A TEAM GALA AT CENTERPLATE AT FOLSOM FIELD
Supported in part by KLS-Martin, LP, and Medical Modeling, LLC

AIR TRAVEL AND CAR RENTAL DISCOUNTS

Over 20 major airlines fly into Denver International Airport, including many discount carriers such as Jet Blue, Southwest, and Airtran. Please consult with your travel agent or go online to make your own reservations.

Car Rental Information!

You won't want to miss a quick trip to the Rocky Mountain National Park, Red Rock, Downtown Denver and many more exciting locations! For area information check out www.denver.org.

Check out the beautiful Spa at the Omni Interlocken!

ACPA members will receive a 15% discount April 22nd-April 27th on all spa services, excluding packages. When you make your appointment be sure to tell them you are attending the ACPA meeting. To view the Spa Menu go to: <http://omnihotels.com/spas/denver/index.html>.

The Omni Interlocken has a beautiful 9 room spa with a fitness center, eucalyptus co-ed steam room, men's and women's lockers, a outside heated Jacuzzi, pool and heated pool deck.

*Boulder
SuperShuttle*

2750 Industrial Lane
Broomfield, CO 80020
Ph: 303-227-0000
Fax: 303-465-2628
BoulderSuperShuttle.com

No reservations are needed from DIA to the Omni Hotel. Each guest can simply check in at the Boulder SuperShuttle Counter where you will present your voucher for the group discount rate to purchase tickets to the Omni. You will then be directed to your Shuttle.

Finding the Boulder SuperShuttle Counter: When you arrive at DIA, a train will take you from your concourse into the main terminal and baggage claim. After exiting the train, our counter can be found by making an immediate left when reaching the top of the escalator.

Boulder SuperShuttle departs DIA every hour, at 10 minutes past the hour, from 6:00AM up to 12:30AM, with service on the half hour during the busy afternoon and evening hours. Please check with the Boulder SuperShuttle counter for the next departure. The shuttle is shared ride and guests may have a stop en route to their destination.

Returning to DIA - Travel time from the Omni to DIA is approximately 45 minutes to an hour. The airlines recommend you arrive at DIA at least 1 ½ hours before your flight time. **Reservations are required** for your return trip from the Omni to DIA. Please make reservations with the concierge, or by calling (303) 227-0000.

Thank you for choosing Boulder SuperShuttle.

**ACPA
April 22-29, 2007**

OMNI  INTERLOCKEN RESORT

\$18 one-way / \$34 RT

(Guest Pays Fare-Special Group Rate)



BOULDER, CO

ACPA 64TH Annual Meeting
REGISTRATION FORM -- Please Print Neatly or Type

FULL NAME (to appear on badge) _____

FIRST NAME or NICKNAME (to appear on badge) _____

DEGREES _____

DISCIPLINE _____

ADDRESS _____

CITY _____ STATE/PROV. _____

ZIP/POSTAL _____

COUNTRY _____ DAYTIME PHONE (_____) _____ FAX (_____) _____

EMAIL ADDRESS _____

ANNUAL MEETING: April 25-28, 2007

| <i>Type of Registration</i> | | <i>Amount</i> |
|--|-------|---------------|
| <input type="radio"/> ACPA MEMBER (includes social events) | \$375 | _____ |
| <input type="radio"/> NON-MEMBER ¹ (includes social events) | \$525 | _____ |
| <input type="radio"/> STUDENT/RESIDENT MEMBER ² | \$50 | _____ |
| <input type="radio"/> STUDENT/RESIDENT NON-MEMBER ² | \$200 | _____ |
| <input type="radio"/> LIFE MEMBER (social events are not included) | FREE | _____ |

PRE-CONFERENCE SYMPOSIUM I: April 23-24, 2007

The Childhood Years: The Inter-Face and Inner-Facts of Management

| | | |
|--|-------|-------|
| <input type="radio"/> ACPA MEMBER (INCLUDING LIFE) | \$175 | _____ |
| <input type="radio"/> NON-MEMBER ¹ | \$225 | _____ |
| <input type="radio"/> STUDENT/RESIDENT MEMBER | \$ 75 | _____ |
| <input type="radio"/> STUDENT/RESIDENT NON-MEMBER | \$125 | _____ |

PRE-CONFERENCE SYMPOSIUM II: April 24, 2007

Nuts & Bolts for Nurses/Coordinators (Sponsored by The Cleft Palate Foundation)

| | | |
|--|------|-------|
| <input type="radio"/> WITH ANNUAL MEETING REGISTRATION (Lunch included) | \$25 | _____ |
| <input type="radio"/> WITHOUT ANNUAL MEETING REGISTRATION (Lunch included) | \$40 | _____ |

STUDY SESSIONS: April 26, 2007

GROUP I (A-H): INDICATE ONE COURSE IN GROUP I

2:30 – 4:00 PM A-H _____ 2ND CHOICE _____ \$35 _____

GROUP II (I-P): INDICATE ONE COURSE IN GROUP II

4:30 – 6:00 PM I-P _____ 2ND CHOICE _____ \$35 _____

Subtotal Page 1 _____
 (continued on reverse side)

¹ **NON-MEMBERS:** Are you interested in becoming a member of ACPA? Professionals interested in the area of habilitation and/or research concerned with the study and treatment of cleft palate and related craniofacial anomalies are invited to apply for membership. Included in the membership fee are such benefits as a subscription to the *Cleft Palate-Craniofacial Journal* and quarterly newsletter, ACPA Membership-Team Directory, other informational mailings, and discount registration fees to the ANNUAL MEETING. You may register for the ANNUAL MEETING at the member rate if an application for membership and pre-payment of dues (and entrance fee) are on file at the National Office. Please contact Rafael Goldberg at (919)933-9044 for information and to receive an application.

² **STUDENT/RESIDENT REGISTRATIONS** do not include tickets to the Annual Luncheon or Gala. Student & resident non-members must enclose a statement from their department head attesting to current student or resident status.

Subtotal from Page 1 _____

EYE OPENERS – April 25 and 26, 2007 – 7:00-7:50AM

WEDNESDAY, April 25 (Choose one course from GROUP 1)

Choose only ONE Course: Please Note \$5 reservation fee is non-refundable

INDICATE COURSE # 1 - #3: 1ST Choice _____ 2ND Choice _____ \$5 _____

THURSDAY, April 26 (Choose one course from GROUP 2)

INDICATE COURSE #4 - #10: 1ST Choice _____ 2ND Choice _____ \$25 _____

OTHER EVENTS:

CLEFT PALATE FOUNDATION BENEFIT: Wednesday, April 25, 2007, 7:00PM

Splitz Happens Bowling and Pizza Night

(Includes dinner, t-shirt, transportation, bowling and a minimum \$25 contribution to CPF)

Please circle your T-shirt size: S M L XL XXL Minimum Contribution \$75 _____

Please give your shoe size _____

STUDENT/RESIDENT AND LIFE MEMBER SOCIAL PACKAGE: Includes Thursday's Annual Luncheon, and Friday's "It Take's a Team" Gala (Welcoming Reception included with Registration) \$100 _____

GUEST/SPOUSE SOCIAL EVENT PACKAGE:

(Includes tickets to Tuesday Night's Welcoming Reception, Thursday's Annual Luncheon, and Friday's "It Takes a Team" Gala)

\$115 _____

Guest's Name: _____

(Note: Except for student/residents, and life member registrations, one social event package is included with meeting registration)

PAST PRESIDENTS' BREAKFAST

(Wednesday, April 25, 7:30AM)

Check here for reservation

Open only to Past and Current Presidents of the American Cleft Palate-Craniofacial Association and Cleft Palate Foundation

ASHA DIVISION 5 MEETING AND RECEPTION

(Thursday, April 26, 6:30pm)

Check here for reservation

Open to Speech Pathologists and Scientists

ETHICS ROUNDTABLE (Registration required)

Check here for reservation/no lunch

o WITH LUNCH

\$25 _____

ASCFS LUNCHEON

(Friday, April 27, 12:00pm-1:30pm)

\$30 _____

Open only to members of the American Society of Craniofacial Surgeons

ACPA/ASHA Post-Conference Symposium for Speech Language Pathologists

(Saturday, April 28, 1:00pm-5:30pm)

\$25 _____

CONNECTIONS – PARENT/PATIENT CONFERENCE: April 28, 2007

o WITH ACPA REGISTRATION

\$30 _____

o WITHOUT ANNUAL MEETING REGISTRATION

\$50 _____

I will not be able to attend the conference but please send me a program.

\$12 _____

I would like to make a contribution at this time to the Cleft Palate Foundation.

\$ _____

I am attending the ACPA Annual Meeting for the first time.

Check here _____

TOTAL AMOUNT ENCLOSED \$ _____

PAYMENT INFORMATION

PAYMENT POLICY: We regret that we cannot offer reduced registration fees for partial attendance. All payments for registration and social events must be paid in full by personal or institutional check, U.S. money order, or credit card. On-site registrations must be paid in full at registration.

PAYMENTS MUST BE MADE IN U.S. FUNDS AND DRAWN ON A U.S. BANK.
MAKE CHECKS PAYABLE TO ACPA, AND MAIL OR FAX THIS FORM TO:

ACPA
1504 East Franklin Street, Suite 102
Chapel Hill, NC 27514-2820
FAX: (919)933-9604

Please charge ACPA Annual Meeting registration to my:

(Circle One) **Visa** **MasterCard**
 (13 or 16 numbers) (16 numbers)

Account Number: _____

Expiration Date: _____ (MO-YR)

Signature