DAY 1: MORNING GENERAL SESSION

07:00-08:00 Registration and Welcome
08:00-08:20 Conference Opening Session

Moderator: Usama Hamdan

- Dr. Usama Hamdan, Course Co-Chair
- Dr. Syed Altaf Hussein, Course Co-Chair

08:20-09:30 Presurgical Considerations and Management
Moderator: Usama Hamdan

- Integrated Cleft Care: A Multidisciplinary Team Approach from Prenatal Care to Adulthood, Dr. Usama Hamdan
- Feeding Assessment and Modifications for Infants with Clefts, Dr. Ann Kummer
- Managing Psychosocial Impact of Clefts: Patients & their Families, Dr. Martin Persson
- Perioperative Pediatric Evaluation, Dr. Jennifer Munoz
- Anesthetic Considerations in Cleft Surgery, Dr. Navil Sethna
- Discussion

09:30-09:50 Break - Exhibit Area

09:50-10:50 Presurgical Orthodontics
Moderator: Pedro Santiago

- Nasoalveolar Molding, Dr. Pedro Santiago
- Latham Device, Dr. Elcin Esenlik
- Dynacleft with Nasal Prong, Dr. Daniela Tanikawa
- Presurgical Orthopedics: No Need, Dr. Marcus Collares
- Passive presurgical orthopedics for Palatal clefts, Dr. Andreas Mueller
- Discussion

10:50-12:00 Primary Unilateral Cleft Lip and Nose
Moderator: Dr. P V Narayanan

- Primary Cleft Lip & Nose: Subunit Approach, Dr. Raymond Tse
- Primary Cleft Lip & Nose: Rotation Advancement & Ascending V-Cheiloplasty in Unilateral Cleft Lip Repair, Dr. Elias Zgheib & Usama Hamdan
- Primary Cleft Lip & Nose: Unilateral Cleft Lip repair (Demystifying the Fisher), Dr. David Chong
- Tradeoffs in Cleft Lip vs. Cleft Nose Repair - Favoring the Nose, Dr. Raj Vyas
- Discussion

12:00-13:10 Lunch
DAY 1 AFTERNOON: SURGERY AND DENTAL

13:10-14:10  Primary Bilateral Cleft Lip and Nose
Moderator: Dr. David Gillett
- Mulliken Approach for Bilateral Cleft Lip, Dr. Jyotsna Murthy
- Bilateral Cleft Lip: Modified Mulliken Approach, Dr. Krishna Patel
- Bilateral Cleft Lip: Personal Approach, Dr. David Chong
- Bilateral Cleft Lip: Mendoza Technique, Dr. Marcia Perez Dosal
- Bilateral Cleft Lip: SOBRAPAR Technique, Dr. Cassio Raposo
- Discussion

14:10-15:10  Primary Bilateral Cleft Lip and Nose: Late Presentations, Challenges, and Innovations
Moderator: Dr. Marcia Perez Dosal
- Primary Pre-Maxillary Setback, Dr. Usama Hamdan
- Late Primary Bilateral Cleft Lip Repair, Dr. Brian Sommerlad
- Bilateral Cleft Lip & Nose Repair Under Local Anesthesia in Patients > 12 Years, Dr. Usama Hamdan
- Orthodontic premaxillary setback versus premaxillary osteotomy with GPP for BCLP, Dr. Shinji Kobayashi
- Discussion

15:10-15:30  Break - Exhibit Area

15:30-16:30  Cleft Lip Sequelae of Repair
Moderator: Dr. Krishna Patel
- Classification System for Cleft Lip Revision, Dr. Usama Hamdan
- Septal Repositioning During Primary Cleft Lip Rhinoplasty: Pushing the Envelope, Dr. Michael Alperovich
- Cleft Lip Repair Sequelae, Dr. Marcus Collares
- Complications in Cleft Lip Repair, Dr. David Gillett
- Discussion

16:30-18:30  Cleft Lip Surgical Simulation Session
Moderator: Dr. Raymond Tse
DAY 2 SURGERY AND SPEECH PATHOLOGY

08:00-09:10  Cleft Palate Repair: Challenges and Innovations
Moderator: Dr. Brian Sommerlad
- Primary Palatoplasty: Furlow Technique, Dr. Krishna Patel
- Primary Palatoplasty: Sommerlad Technique, Dr. Brian Sommerlad
- Primary Palatoplasty: Vomerine Suspension Palate Repair, Dr. Syed Altaf Hussein
- Extended Nasal Z-Plasty in Primary Cleft Palate Repair, Dr. Marcus Collares
- Anteriorly based triangular flaps in primary palate repair, Dr. David Gillett
- Discussion

09:10-10:00  Speech and Hearing
Moderator: Dr. Ann Kummer
- Assessment of Speech/Resonance Disorders and VP Function, Dr. Ann Kummer
- Hearing Assessment and Intervention, Dr. Prasanna Kumar
- Nasoendoscopy and Other Imaging Techniques, Dr. Charanya Vijayakumar
- VPI Management Without Resources, Dr. Ramesh Sharma
- Discussion

10:00-10:20  Break - Exhibit Area

10:20 - 11:30 VPI Surgery: Standard Techniques
Moderator: Dr. Syed Altaf Hussein
- Challenges & Treatment of Speech/Resonance Disorders and VPI, Dr. Ann Kummer
- Pharyngeal Flap + Sphincteroplasty, Dr. Krishna Patel
- VPI Surgery: Sommerlad Technique, Dr. Brian Sommerlad
- VPI Surgery: Furlow Technique, Dr. Gaurav Deshpande
- Management of VPI: Graded Approach, Dr. Syed Altaf Hussein
- Discussion

11:30 - 12:20 VPI Surgery: Innovations and Challenges
Moderator: Dr. Ramesh Sharma
- Anatomic Palate Restoration Concept: Versatility of Buccal Flaps in Primary Cleft Palate, Palatal Fistulae & VPI Surgeries, Dr. Robert Mann (50 min)
- Discussion

12:20 - 13:30  Lunch
DAY 2: SURGERY AND SPEECH PATHOLOGY

13:30 - 14:40 Fistula Surgery
Moderator: Dr. Jyotsna Murthy
• Palatal Fistulae Repair: A Graduated Algorithm, Dr. Krishna Patel
• Tongue Flap v/s Buccinator Flaps for Palatal Fistulae, Dr. Rolando Prada
• Tongue Flap for Palatal Fistulae, Dr. Gaurav Deshpande
• Local and Regional Flaps for Large Palatal Fistulas, Dr. David Gillett
• FEMM Flaps, Buccomucosal Flaps or Free Flaps for Large Palatal Fistulae, Dr. Raymond Tse
• Discussion

14:40 - 15:40 Cleft Palate Sequelae and Challenges
Moderator: Dr. Raymond Tse
• Masters Round Table Discussion on Cleft Palate Sequelae: Late Presentation, Prevention & Management of Fistulae: Case Discussion
  ▪ Drs. Brian Sommerlad, Syed Altaf Hussein, Krishna Patel, Karoon Agrawal, Rolando Prada, David Gillett, Marcus Collares, Gaurav Deshpande, Hans Mark, Pedro Santiago
• Masters Round Table Discussion on VPI Management: Case Discussion
  ▪ Drs. Brian Sommerlad, Syed Altaf Hussein, Krishna Patel, Karoon Agrawal, Rolando Prada, David Gillett, Marcus Collares, Gaurav Deshpande, Hans Mark
• Discussion

15:40-16:00 Break – Exhibit Area

16:00-18:00 Cleft Palate Surgical Simulation Session
Course Coordinator: Dr. Krishna Patel
Day 3 SURGERY AND DENTAL

08:00-09:00 Alveolar Bone Graft: The Road to Success  
Moderator: Dr. Rolando Prada  
- Teamwork in the management of the alveolar cleft, Dr. David Gillett  
- Orthodontic Preparation Unilateral & Bilateral, Dr. Pedro Santiago  
- Autogenous Bone Graft, Dr. Michael Alperovich  
- Outcome of Secondary Alveolar Bone Grafting  
- GPP During Primary Cleft Lip Repair: Pro’s & Con’s, Dr. Michael Alperovich  
- Discussion

09:00-10:00 Alveolar Bone Graft: Trends and Innovations  
Moderator: Dr. Pedro Santiago  
- Alveolar Bone Graft Without Presurgical Orthodontics, Dr. Bonnie Padwa  
- Practical Approach to ABG: Prepared v/s Unprepared Cases, Dr. Charanya Vijayakumar  
- Dental Pulp Stem Cells in Bone Tissue Engineering: Translational Medicine, Dr. Daniela Tanikawa  
- Post Bone Graft Orthodontics, Dr. Pedro Santiago  
- Discussion

10:00 - 10:20 Break – Exhibit Area

10:20 - 11:30 Orthognathic Surgery I: Protocols and Predictability  
Moderator: Dr. Bonnie Padwa  
- Presurgical Orthodontics, Dr. Elicin Esenlik  
- Orthognathic Surgery in Outreach Settings, Dr. Bonnie Padwa  
- Virtual Surgery Planning, Dr. Pedro Santiago  
- LeFort I Advancement, Dr. Rolando Prada  
- Post-Surgical Orthodontics, Dr. Arvind Sivakumar  
- Discussion

11:30 - 12:40 Orthognathic Surgery II: Protocols and Predictability  
Moderator: Dr. Charanya Vijayakumar  
- LeFort I (Surgery First), Dr. NKK Prasad & Dr. Syed Altaf Hussein  
- LeFort I Distraction, Dr. Marcus Collares  
- Alveolar Distraction, Dr. Elicin Esenlik  
- Anterior Maxillary Distraction, Dr. Siva Subramanian & Dr. Syed Altaf Hussein  
- Two Jaw Orthognathic Surgery, Dr. Rolando Prada  
- Multi-Piece Orthognathic Surgery, Dr. Derek Steinbacher  
- Discussion

12:40-13:50 Lunch
DAY 3: SURGERY AND DENTAL

13:50 - 14:40 Rhinoplasty in Cleft Lip Patients
Moderator: Dr. Krishna Patel
- Pre-School Cleft Rhinoplasty, Dr. P V Narayanan
- Adult Cleft Rhinoplasty, Dr. Rolando Prada
- Adult Cleft Rhinoplasty, Dr. Hans Mark
- Discussion

14:40 - 15:30 Rare Facial Cleft
Moderator: Dr. Brian Sommerlad
- Atypical Facial Clefts, Dr. David Chong
- Surgical Treatment of Arrhina, Dr. Rolando Prada
- Macrostomia: Functional & Aesthetic Repair, Dr. Usama Hamdan & Dr. Elias Zgheib
- Fat Grafts & Stem Cells in Craniofacial Microsomia, Dr. Daniela Tanikawa
- Discussion

15:30 - 15:50 Break – Exhibit Area

15:50 - 17:30 Models of Cleft Care: Challenges, Pitfalls, & Potential Solutions
Moderator: Dr. David Chong
- Global Smile Foundation: Dr. Usama Hamdan
- Smile Train: Dr. Karoon Agrawal
- Operation Smile: Dr. Gaurav Deshpande
- United States: Dr. Raj Vyas
- India: Dr. Syed Altaf Hussain
- India: Dr. Ramesh Sharma
- Thailand: Dr. Bowornsilp Chowchuen
- European Cleft Palate Craniofacial Association: Dr. Hans Mark
- Mexico: Dr. Marcia Perez Dosal
- Brazil: Dr. Marcus Collares

17:35-17:45 Conference Closing Session
- Dr. Usama Hamdan
- Dr. Syed Altaf Hussein
DAY 1 AFTERNOON: SPEECH PATHOLOGY
Course Director: Dr. Ann Kummer

13:10 - 15:00 Oral & Velopharyngeal Anatomy, Embryology, & Cleft Related Pathologies
- Introductory Comments, Dr. Suraj Subramaniyan B
- Normal Anatomy of the Oral Cavity and Velopharyngeal Mechanism
- Types of Clefts and How They Relate to Embryological Development
- Dental and Occlusal Anomalies and their Effects on Speech
- Dysmorphology and Common Craniofacial Syndromes
- Discussion

15:00 - 15:20 Break - Exhibit Area

15:20 - 16:30 Velopharyngeal Dysfunction (VPD) & Resonance Disorders
- Normal Velopharyngeal Function and Velopharyngeal Dysfunction (VPD)
- Normal Resonance and Resonance Disorders
- Discussion
DAY 3: SPEECH PATHOLOGY

08:00 - 10:00 VELOPHARYNGEAL DYSFUNCTION (VPD) & EARLY LANGUAGE MANAGEMENT

- Types of Nasal Emission and Compensatory Productions
- Other Causes of Velopharyngeal Dysfunction (VPD)
- Early language assessment and intervention in patients with CLP, Dr. Savitha, V. H. (30 Minutes)
- Discussion

10:00 - 10:20 Break – Exhibit Area

10:20 - 12:40 Assessment Procedures

- Assessment of Articulation, Dr. Suraj Subramaniyan B (30 Minutes)
- Assessment of Resonance, Nasal Emission, and Velopharyngeal Function
- Intra-Oral Examination
- Discussion

12:30 - 13:40 Lunch

13:40 - 14:40 Instrumental Assessment & Management of Early Feeding

- Instrumental Procedures: Nasometry, Videofluoroscopy, Nasopharyngoscopy
- Nasometry and Nasopharyngoscopy Lab*
- Managing Early Feeding in Infants with Cleft Lip and Palate. Dr. Lakhmi Venkatesh and Ms. Jansi Rani (30 Minutes)
- Discussion

14:40 - 15:40 Treatment Techniques

- Prosthetic Management
- Surgical Management from an SLP Perspective
- Case Presentations (Open to All)
- Discussion

15:40 - 16:00 Break – Exhibit Area

16:00 - 17:30 Speech Therapy Techniques

- General Principles
- Articulation Placement Techniques
- Carry-Over Techniques
- Discussion and Other Techniques as Suggested by Course Participants
DAY 1 AFTERNOON: PSYCHOSOCIAL WORKSHOP  
Course Director: Dr. Martin Persson  
A one-day workshop for psychosocial professionals.

13:10 – 15:00 Psychological Concerns/Impact in Cleft and Craniofacial Anomalies from Infancy through Adulthood  
Moderator: Martin Persson  
- Addressing challenges in each developmental stage - across cognitive, behavioral and social-emotional domains  
- Role of family and community in care and development of individuals with cleft and craniofacial anomalies - physical care, education, employment  
- Discussion

Break - Exhibit Area

15:20 – 17:30 Psychological Concerns, continued  
Moderator: Martin Persson  
- Appearance & Body image with relation to stigma & bullying  
- Psychosocial concerns - assessment and intervention  
- Discussion
DAY 2 AFTERNOON: PSYCHOSOCIAL WORKSHOP FOR ALL PROFESSIONALS IN CLEFT CARE

This is a separate workshop for professionals outside the psychosocial area and open to all attendees. Registration required.

16:00-1800 Awareness session for all professionals in cleft care
- Psychosocial impact of cleft and craniofacial anomalies on patients and their families
- Why the provision of psychosocial care is an essential component in the treatment of cleft and craniofacial anomalies
- How to incorporate the provision of psychosocial care in your cleft and craniofacial team - innovative training approaches for healthcare professionals.
DAY 3: FACIAL NERVE BLOCK WORKSHOP
A workshop open to surgeons and anesthesiologists. Registration required.

13:40-15:40 Facial Nerve Blocks Workshop in Cleft Lip & Palate Surgery
Moderator: Navil Sethna
Faculty: Drs. Usama Hamdan, Aruna Parameswari, Raj Vyas & Elias Zgheib
• Infra-orbital & External Nasal Nerve Blocks in Cleft Lip Surgery
• Greater Palatine & Supra-Zygomatic Maxillary Nerve Blocks in Cleft Palate Surgery
• Mental, Mental Plus, Supraorbital, Supra-trochlear, Infra-trochlear, Zygomatico-Facial, Zygomatico-Temporal & Greater Auricular Nerve Blocks in Facial Surgery
• Simulation Lab on Facial Nerve Blocks