



Day 1: Morning General Session

07:00 - 08:00 Registration and Help Desk Open

08:00 - 08:10 Conference Opening Session

- Dr. Usama Hamdan, Course Co-Chair
- Dr. Elcin Esenlik, Course Co-Chair
- Erin Stieber, Smile Train

08:10 - 09:10 Interdisciplinary Perioperative Considerations

Moderator: Dr. Usama Hamdan (10 mins)

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

09:10 - 10:20 Presurgical Orthodontics: Treatment Options & Sequelae

Moderator: Dr. Pedro Santiago (12 mins)

- Evolution of Presurgical Orthopedic Appliances, *Dr. Pedro Santiago*
- NasoAlveolar Molding, *Dr. Barry Grayson*
- Other Presurgical Orthopedic Techniques, *Dr. Elcin Esenlik*
- Nasal Elevator plus Lip Taping as an Alternative to NAM: Grayson Procedure, *Dr. Daniela Tanikawa*
- Discussion 20 min

10:20 – 10:45 Break - Exhibit Area

10:45 -12:00 Primary Unilateral Cleft Lip and Nose

Moderator: Dr. Raj Vyas (12 mins)

- Primary Cleft Lip & Nose: Subunit Approach, *Dr. Raymond Tse*
- Primary Cleft Lip & Nose: Rotation Advancement & V-Cheiloplasty in Unilateral Cleft Lip Repair, *Dr. Usama Hamdan*
- Primary Cleft Lip & Nose: Unilateral Cleft Lip repair (Demystifying the Fisher), *Dr. David Chong*
- Primary Cleft Lip & Nose Repair, *Dr. Philip Chen*
- Unilateral Cleft Lip Repair: The Cutting/Mohler Approach, *Dr. Roberto Flores*
- Discussion: 15 min

12:00 -13:10 Lunch

Day I Afternoon: Dental/Orthodontics Breakout Session

13:10 -14:40 Presurgical Infant Orthopedics: Challenging Cases and Difficulties

Moderator: *Dr. Pedro Santiago (12 mins)*

- Cleft and Orthodontics in Turkey, *Dr. Elif Erbay*
- Mc Neil Technique, *Dr. Elif Erbay*
- Setting up NAM in an Outreach Setting: A Nine Year Follow Up, *Dr. Serena Kassam*
- Latham Device, *Dr. Elçin Esenlik*
- PSIO for Unusual Cases, *Drs. Barry Grayson, Pedro Santiago, & Elçin Esenlik (30 mins)*
- Discussion (10 mins)

14:40 – 15:30 Growth and Development: Long Term Results of NAM or Other PSIO

Moderator: *TBA (10 mins)*

- Transverse Dental Arch Relationship until 12 Years of Age in UCLP: Results from the DUTHCLEFT Trial into infant orthopedics, *Dr. Anne Marie Kuijpers-Jagtman*
- Follow-up of dental arch relationships in UCLP until 22 years of age using a treatment protocol including infant orthopedics and late hard palate repair, *Dr. Anne Marie Kuijpers-Jagtman*
- NAM in UCLP, Results at the Completion of Growth, *Dr. Barry Grayson*
- NAM in BCLP, Results at the Completion of Growth, *Dr. Maria Costanza Meazzini*
- Discussion

15:30 -15:55 Break – Exhibit Area

15:55 - 16:30 Gingivoperiosteoplasty

Moderator: *TBA (12 mins)*

- GPP: Why and When, *Dr. Pedro Santiago*
- GPP: Prediction of Success, *Dr. Elçin Esenlik*
- Discussion



COMPREHENSIVE
CLEFT CARE
— WORKSHOP —

Day 2 Morning: Dental/Orthodontics Breakout Session

08:00 - 9:05 Pediatric Care and Alveolar Bone Grafting

Moderator: TBA (12 mins)

- Pediatric Dentistry and Oral Health in Patients with Clefts, *Dr. Serena Kassam*
- Cancellous Iliac Bone Graft under Age 6 years in Deciduous Dentition, *Dr. Bruno Grollemund*
- Orthodontic Preparation for Pre and Post Alveolar Bone Grafting, *Dr. Tiago Turri*
- Outcome of Secondary Alveolar Bone Grafting, *Dr. Daniela Garib*
- Discussion

09:05 – 10:20 Orthopedic and Orthodontic Treatment of CLP Patients

Moderator: TBA (10 mins)

- Management of the Premaxilla in BCLP Cases from Mixed to Permanent Dentition, *Dr. Tiago Turri*
- Cephalometric Evaluation of Rapid and Slow Maxillary Expansion in Patients with BCLP, *Dr. Daniela Garib*
- Class III in CLP patients: ENT and OSAS indications for Early Protraction of the Maxilla, *Dr. Maria Costanza Meazzini*
Class III in CLP patients: Long term results of Late Protraction of the Maxilla, *Dr. Maria Costanza Meazzini*
- Long Term Results of Bone Anchored Maxillary Protraction in CLP Patients, *Dr. Daniela Garib*
- Fixed Mechanotherapy for Complex Cases, *Dr. OP Kharbanda*
- Discussion

10:20 -10:45 Break - Exhibit Area

10:45- 12:20 Orthognathic Surgery and Distraction Osteogenesis in Cleft Lip/Palate Patients

Moderator: TBA (10 mins)

- Evolution of 2D and 3D Treatment Planning for Cleft Orthognathic Surgery, TBA
- Pre and Post Orthognathic Surgery Orthodontic Treatment in Patients with Clefts, *Dr. Tiago Turri*
- Early Le Fort I and Alveolar Distraction, *Dr. Elçin Esenlik*
- Distraction Osteogenesis, TBA
- Long Term Stability of Maxillary Advancement Using RED System in Growing Patients with Cleft Lip and Palate, *Dr. Prasad Nalabothu*
- Prosthetic Rehabilitation of CLP Patients, *Dr. Faysal Succaria*
- Discussion (30 mins)

12:20 - 13:30 Lunch

Day 2 Afternoon Session: Surgery & Dental/Orthodontics

13:30-14:20 Tissue Engineering: Trends and Innovations

Moderator: Dr. Roberto Flores (10 mins)

- Craniofacial Bone Tissue Engineering- Creating Bone in the Growing Skeleton, *Dr. Roberto Flores*
- Bone Tissue Engineering for Craniofacial Reconstruction, *Dr. Christopher Runyan*
- Dental Pulp Stem Cells in Bone Tissue Engineering: Translational Medicine, *Dr. Daniela Tanikawa*
- Skin Tissue Engineering, *Dr. Ibrahim Canter*
- Discussion

14:20-15:20 Artificial Intelligence, Augmented Reality & Simulation

Moderator: Dr. Christopher Runyan (10 mins)

- Smile Train Simulator, *Dr. Roberto Flores*
- Genesis & Development of Surgical Simulators in Cleft Surgery, *Dr. Christopher Forrest*
- Combining Artificial Intelligence & Augmented Reality for Knowledge & Skill Transfer: *Dr. Raj Vyas*
- 3D Printing of NAM Appliance, *Dr. Puneet Batra*
- AI (Artificial Intelligence) in CLP Orthodontic Treatment, *Dr. Okan Akçam*
- Discussion

15:20-15:50 Sleep Apnea Management in Cleft Disorders: Challenges & Treatment Options

Moderator: Dr. Adam Johnson (10 mins)

- Impact of Cleft Anatomy & Surgical Interventions on Pediatric OSA, *Dr. Alexander Marston*
- Obstructive Sleep Apnea in CLP: Long Term Developmental Delays, *Dr. Raj Vyas*
- Orthognathic Management of OSA, *Dr. Derek Steinbacher*

15:50- 16:10 Masters Round Table Discussion

Moderator: Dr. Robert Mann

- *Drs. Adam Johnson, Alexander Marston, Christopher Forrest, Christopher Runyan, Daniela Tanikawa, Derek Steinbacher, Ibrahim Canter, Okan Akçam, Puneet Batra, Raj Vyas, Roberto Flores*

16:10 -16:30 Break - Exhibit Area



Day 2 Afternoon Breakout Sessions:

16:30 -18:30 Cleft Palate Surgical Simulation Session

Course Directors: *Drs. Krishna Patel and Larry Hartzell*

For registered surgeons only. Separate Registration required

16:30 – 17:30 Facial Nerve Block Workshop (Registered surgeons only, separate registration)

Faculty: *Drs. Usama Hamdan, Raj Vyas, Alexander Marston, Charanya Vijayakumar*

- Infra-orbital & External Nasal Nerve Blocks in Cleft Lip Surgery
- Greater Palatine & Supra-Zygomatic Maxillary Nerve Blocks in Cleft Palate Surgery
- Mental, Supraorbital, Supra-trochlear, Infra-trochlear Nerve Blocks in Facial Surgery
- Simulation Lab on Facial Nerve Blocks

For registered surgeons only. Separate Registration required

16:30-18:30 Psychosocial Workshop: Family and Psychosocial Support in Diverse Global Settings

Course Speakers: *Dr. Martin Persson and Gareth Davies*

This course is open to all with separate registration.

Day 3 Morning: Surgery & Dental/Orthodontics

08:00 - 08:50 Craniofacial Growth & Impact of Treatment Modalities

Moderator: Dr. Bonnie Padwa (10 mins)

- NasoAlveolar Molding: Long Term Results of the NYU Treatment Protocol, *Dr. Roberto Flores*
- Influence of Surgical Techniques & Timing of Primary Repair on Interarch Relationship in UCLP, *Dr. Daniela Garib*
- Timing of Primary Surgery & Impact on CF Growth, *Dr. Arnaud Picard*
- Effect of Various Surgical Techniques on CF Growth, *Dr. Hans Mark*
- Discussion

08:50 – 10:10 Alveolar Bone Graft

Moderator: Dr. Derek Steinbacher (10 mins)

- Gingivoperiosteoplasty: Why I Do It, *Dr. Roberto Flores*
- Wide Clefts: Gingivoperioplasties, Long Term Follow Up, *Dr. Marcus Collares*
- Maxillary Arch Preparation for Alveolar Bone Grafting, *Dr. Pedro Santiago*
- Alveolar Bone Graft without Presurgical Orthodontics, *Dr. Bonnie Padwa*
- Cancellous Iliac Bone Graft under Age 6 years in Deciduous Dentition, *Dr. Arnaud Picard*
- Practical Approach to ABG: Prepared v/s Unprepared Cases, *Dr. Charanya Vijayakumar*
- BMP for Alveolar Bone Grafting, *Dr. Nivaldo Alonso*
- Discussion

10:10-10:35 Break

10:35 – 11:55 Orthognathic Surgery: Planning, Protocols and Predictability

Moderator: Dr. Christopher Forrest (10 mins)

- 2D and 3D Surgical Planning for Cleft Orthognathic Surgery, *TBA*
- LeFort I Advancement, *Dr. Christopher Forrest*
- Two Jaw Orthognathic Surgery, *Dr. Rolando Prada*
- Multi-Piece Orthognathic Surgery, *Dr. Derek Steinbacher*
- LeFort I Distraction, *Dr. Cassio Raposo*
- Anterior Maxillary Distraction: *Dr. Marcus Collares*
- Alveolar Distraction, *Dr. Elcin Esenlik*
- Orthognathic Surgery in Outreach Settings, *Dr. Bonnie Padwa*

11:55-12:15 Masters Round Table Discussion on Orthognathic Surgery

Moderators: Dr. Cassio Raposo & TBA



COMPREHENSIVE

- Drs. Bonnie Padwa, Cassio Raposo, Christopher Forrest, Daniela Garib, Derek Steinbacher, Elcin Esenlik, Marcus Collares, Okan Akçam, Pedro Santiago, Rolando Prada, Tiago Turri

12:15 - 13:25 Lunch

Day 3 Afternoon: Speech Pathology & Dental/Orthodontics Breakout

13:25 - 13:55 Dental and Occlusal Anomalies, *Dr. Elcin Esenlik*

13:55 - 14:45 Orofacial Anomalies and Effect on Speech, *Dr. Ann Kummer*

14:45 - 14:55 Discussion

14:55 - 15:20 Break – Exhibit Area

Rejoining General Session

15:20 - 16:00 World Cleft Coalition: Proposals for Safe & Sustainable Comprehensive Cleft Care

Moderator: Dr. Corstiaan Breugem

- WCC Founding Member Organizations:
 - European Cleft organization: *Gareth Davies*
 - Global Smile Foundation: *Drs. Serena Kassam & Usama Hamdan*
 - Operation Smile: *Dr. Ruben Ayala*
 - Smile Train: *Erin Stieber*
 - Transforming Faces, *Hugh Brewster*
- CLEFT, *Dr. Brian Sommerlad (Guest Panelist)*
- Deutsche Cleft & ABMSS, *Dr. Dushyant Prasad (Guest Panelist)*
- Discussion

16:00 – 16:00 Global Standardization of Assessment Scales in CLP Care: Working Group

Tentative Program

Moderator: Carolyn Rogers

- *Drs. Ann Kummer, Brian Sommerlad, Carolyn Rogers, Corstiaan Breugem, Martin Persson, Puneet Batra, Roberto Flores, Usama Hamdan*

16:40 - 17:00 Conference Closing Session

- *Dr. Usama Hamdan*
- *Dr. Elcin Esenlik*