

# ISCFS XII Biennial International Congress

International Society of Craniofacial Surgery

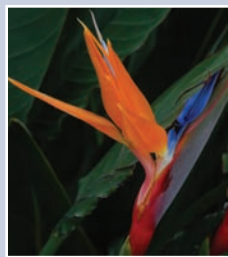


*Craniofacial Surgery* 1967-2007:  
Transforming the Gold Standard.

## Scientific Program

*Salvador, Bahia, Brazil*

**August 23-25, 2007** | Pestana Bahia Hotel



INTERNATIONAL  
SOCIETY OF  
CRANIOFACIAL  
SURGERY

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**INTERNATIONAL  
SOCIETY OF  
CRANIOFACIAL  
SURGERY**

ISCFS  
info@iscfs.org  
www.iscfs.org

## GENERAL CONGRESS INFORMATION

### Registration/Information Desk/Secretariat—

**August 23-25**

*Jorge Amado Room reception area*

### Cyber Café & Speakers' Prep Area—

**August 23-25**

*Jorge Amado Room reception area*

7:30 AM to 6:00 PM

### Panel Sessions—Thursday, August 23

*Gregorio de Matos Room*

7:30 AM to 6:00 PM

### Scientific Sessions—Friday, August 24 and

**Saturday, August 25**

*Gregorio de Matos Room*

8:00 AM to 6:00 PM

### Poster Sessions—August 23-25

*Drumond de Andrade Room and Graciliano Ramos Room*

Poster viewing open daily from 7:00 AM to 8:00 PM

Thursday and Friday, 7:00 AM to 5:00 PM Saturday

### Welcome Reception—Thursday, August 23

*Catarineta*

6:30 PM to 8:00 PM

### Business Meeting—Friday, August 24

*Guimaraes Rosa Room*

12:30 PM to 2:30 PM

For ISCFS Members only. Box lunch provided

### Gala Dinner—Friday, August 24

*Fernando Pessoa Room*

Cocktails: 7:00 PM

Dinner: 8:00 PM to 10:00 PM. Black tie

### Exhibits—August 23-25

*Jorge Amado Room*

Exhibit viewing open daily from 7:00 AM to 6:00 PM

### Tours

#### Accompanying Persons Tours (Optional)

**August 23:** Panoramic Tour, lunch at *Trapiche da Adelaide*, cocktail, and a visit to H. Stern, the worldwide Brazilian-based gem company.

**August 24:** Visit to the Historic Center, lunch in a restaurant at *Pelourinho*, shopping at *Modelo Market* (handicraft stalls featuring traditional and popular items in leather, straw, wood, laces, semiprecious stones and silver, in addition to foods and drinks.)

#### August 25: Visit to *Praia do Forte*

*Praia do Forte* is a small fishing village/resort town 50 miles north of Salvador. It is an ecological reserve—headquarters of the extensive national turtle preservation project with an excellent visitors center. Near the village is a small *pantanal*, a wetland area that is host to some of the most abundant bird life in Bahia.

Please visit the Congress Registration Desk for information on these and post-Congress Tours.

### ISCFS Officers 2005-2007

#### President:

S. Anthony Wolfe, MD, FACS, USA

#### Vice President:

Steven A. Wall, FRCS, United Kingdom

#### Secretary-Treasurer:

Eric Arnaud, MD, France

#### Immediate Past President:

David J. David, AC, Australia

### Council Members

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Fernando Ortiz-Monasterio, MD, Mexico

Jorge Psillakis, MD, Mexico

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Paul L. Tessier, MD, France

Jacques van der Meulen, MD, The Netherlands

Linton A. Whitaker, MD, USA

S. Anthony Wolfe, MD, USA

## AGENDA AT-A-GLANCE

### Thursday, August 23 | Panel Sessions—Gregorio de Matos Room

#### Wednesday, August 22

8:00 AM-3:00 PM

#### Exhibitor Set-Up—

Jorge Amado Room

3:00 PM-5:00 PM

#### Council Meeting—

Guimaraes Rosa Room

3:00 PM-5:00 PM

#### Congress

#### Registration—

Jorge Amado Room

reception area

7:00 AM-8:00 PM  
7:00 AM-5:00 PM

7:00 AM

7:00 AM-7:30 AM  
7:30 AM-8:30 AM  
8:30 AM-9:30 AM  
9:30 AM-10:00 AM  
10:00 AM-11:00 AM  
11:00 AM-12:30 PM  
12:30 PM-1:45 PM  
1:45 PM-2:45 PM  
2:45 PM-3:45 PM  
3:45 PM-4:00 PM  
4:00 PM-5:00 PM  
5:00 PM-6:00 PM  
6:00 PM  
6:30 PM-8:00 PM

**Poster Sessions**—Drumond de Andrade Room and Graciliano Ramos Room  
**Exhibits**—Jorge Amado Room

**Congress Registration**—Jorge Amado Room reception area

Coffee

#### Panel 1: Ballistic Injuries

#### Panel 2: Bone Morphogenetic Proteins

Break

#### Panel 3: To Distract or Not to Distract: That Is the Question

#### Panel 4: Soft Tissue Growths and Deficiencies

Lunch at *Catarineta*

#### Panel 5: Craniofacial Orthodontics

#### Panel 6: Neurosurgery

Break

#### Panel 7: Aesthetic Aspects of Craniofacial Surgery

#### Panel 8: Ethics

#### Session Closing

#### Welcome Reception with Capoeira Show—Catarineta

Then enjoy dinner on your own

### Friday, August 24 | Scientific Sessions—Gregorio de Matos Room

7:00 AM-8:00 PM  
7:00 AM-5:00 PM

7:00 AM

7:30 AM-8:00 AM  
8:00 AM-8:15 AM  
8:15 AM-8:45 AM  
8:45 AM-9:15 AM  
9:15 AM-9:30 AM  
9:30 AM-10:30 AM  
10:30 AM-11:00 AM  
11:00 AM-11:20 AM  
11:20 AM-12:00 NOON  
12:00 NOON-12:30 PM  
12:30 PM-2:30 PM

2:30 PM-3:15 PM  
3:15 PM-3:45 PM  
3:45 PM-4:15 PM  
4:15 PM-5:15 PM  
5:15 PM-6:00 PM  
6:00 PM

7:00 PM  
8:00 PM

**Poster Sessions**—Drumond de Andrade Room and Graciliano Ramos Room  
**Exhibits**—Jorge Amado Room

**Congress Registration**—Jorge Amado Room reception area

Coffee

#### Official Opening and Welcome

#### *Ouro Preto*—Black Gold: The Brazilian History through the Coffee Saga

#### Congress Introduction: The Gold Standard in Craniofacial Surgery

#### An Overview of the Work of Cassio Raposo do Amaral, MD, PhD

#### Session 1: Basic Science (part 1)

Break

#### Session 1: Basic Science (part 2)

#### Session 2: Hemifacial Microsomia

#### Session 3: Pierre Robin

#### Business Meeting, ISCFS Members Only—Guimaraes Rosa Room | Box Lunches

Non-members lunch at *Catarineta*

#### Session 4: Clefts

#### Session 5: Orthognathic/Mandible (part 1)

Break

#### Session 5: Orthognathic/Mandible (part 2)

#### Session 6: Aesthetic

#### Session Closing

#### Presidential Banquet (Black Tie)—Fernando Pessoa Room

Cocktails

Dinner

### Saturday, August 25 | Scientific Sessions—Gregorio de Matos Room

7:00 AM-5:00 PM  
7:00 AM-5:00 PM

7:00 AM-7:30 AM  
7:30 AM-8:30 AM  
8:30 AM-10:30 AM  
10:30 AM-10:45 AM  
10:45 AM-12:00 NOON  
12:00 NOON-12:30 PM  
12:30 PM-1:30 PM  
1:30 PM-2:15 PM  
2:15 PM-3:40 PM  
3:40 PM-4:00 PM  
4:00 PM-5:20 PM  
5:20 PM-6:00 PM

6:00 PM

**Poster Sessions**—Drumond de Andrade Room and Graciliano Ramos Room  
**Exhibits**—Jorge Amado Room

Coffee

#### Session 7: Tumors

#### Session 8: Hypertelorism and Orbital Dystopias

Break

#### Session 9: Crouzon/Apert

#### Session 10: Distraction (part 1)

Lunch at *Catarineta*

#### Session 10: Distraction (part 2)

#### Session 11: Craniosynostosis (part 1)

Break

#### Session 11: Craniosynostosis (part 2)

#### Experience in Human Facial Transplantation

#### Christophe Moure, MD—First Human Facial Transplantation: 20 Month Results

#### Laurent Lantieri, MD— Facial Transplantation for Plexiform Neurofibroma

#### Congress Closing

Note: Times noted subject to change.

## COMMERCIAL SUPPORTERS

The ISCFS gratefully acknowledges the generous support of our commercial sponsors, whose financial contributions have made this meeting possible:

### Platinum Level: Premium Congress Partner (\$25,000)

The Platinum Level of Commercial Support is our most prestigious level and is reserved for our Congress Partners. Our partners make this educational meeting possible by providing funding used to support all aspects of the Congress. The Partner level of support demonstrates a long-term commitment to the field of craniofacial surgery, for which we at the ISCFS are grateful. Support from our Partners benefits everyone involved with the Congress. Our Congress Partners for this 2007 meeting are:



### Gold Level (\$12,000)



### Silver Level (\$10,000)



### Best Scientific Paper and Best Scientific Poster Awards (\$1,000 each)

- OrthoPro Associates

### EXHIBITORS—Jorge Armado Room

- 3dMD
- CIS
- Eincobio
- Ethicon Endo-Surgery, Inc.
- Implamed Implantes Especializados Com. Imp. Exp.
- KLS Martin
- Medical Modeling LLC
- Medtronic
- Silimed Comercio Produtos Medico Hospitalares Ltda.
- Stryker Brasil
- Syntech Comércio Importação e Exportação Ltda.
- Synthes Ind. e Com. Ltda.

### Congress Endorsed by:



Sociedade Brasileira de Pesquisa e Assistência para Reabilitação Craniofacial



## Wednesday, August 22, 2007

8:00 AM-3:00 PM

**Exhibitor Set-Up**—*Jorge Armado Room*

3:00 PM-5:00 PM

**Council Meeting**—*Guimaraes Rosa Room*

3:00 PM-5:00 PM

**Congress Registration**—*Jorge Amado Room reception area*

## Thursday, August 23, 2007

Panel Sessions—*Gregorio de Matos Room*

7:00 AM-8:00 PM

**Poster Sessions**—*Drumond de Andrade Room and Graciliano Ramos Room*

7:00 AM-5:00 PM

**Exhibits**—*Jorge Armado Room*

7:00 AM

**Congress Registration**—*Jorge Amado Room reception area*

7:00 AM-7:30 AM

Coffee

7:30 AM-8:30 AM

**Panel 1: Ballistic Injuries**

**Chair:** Raymond Harshbarger, MD, MAJ, MC; Walter Reed Army Medical Center (US)

**Panel:** Eduardo D. Rodriguez, MD, DDS; University of Maryland Medical Center (US)

Joseph S. Gruss, MB, B CHIR, FRCS; University of Washington (US)

David Hemmy, MD; University of Wisconsin-Milwaukee (US)

Vera Raposo do Amaral, PhD; SOBRAPAR (Brazil)

8:30 AM-9:30 AM

**Panel 2: Bone Morphogenetic Proteins**

**Chair:** James P. Bradley, MD, University of California Los Angeles (US)

**Panel:** Michael H. Carstens, MD, FACS, Saint Louis University (US)

David C. Matthews, MD, Charlotte, North Carolina (US)

William F. McKay, MD, Medtronic (US)

9:30 AM-10:00 AM

Break

10:00 AM-11:00 AM

**Panel 3: To Distract or Not to Distract: That Is the Question**

**Chair:** Joseph G. McCarthy, MD, New York University (US)

**Panel:** Eric Arnaud, MD, Hôpital Necker Enfants-Malades (France)

Jose I. Garri, MD, DMD, University of Miami (US)

Fernando Molina, MD, Hospital General Manuel Gea González (Mexico)

Carmen Gloria Morovic, MD, University of Chile (Chile)

Kenneth E. Salyer, MD, World Craniofacial Foundation (US)

11:00 AM-12:30 PM

**Panel 4: Difficult Overgrowth Disorders**

**Chair:** Ian T. Jackson, MD; Providence Hospital and Medical Centers (US)

**Panel:** Claudio Angrigiani, MD; Marko Foundation (Argentina)

Joseph S. Gruss, MB, B CHIR, FRCS; University of Washington (US)

McKay McKinnon, MD; University of Chicago (US)

Note: Scientific Program details are subject to change.

**Thursday, August 23, 2007**

Panel Sessions—*Gregorio de Matos Room*

12:30 PM-1:45 PM

Lunch in *Catarineta*

1:45 PM-2:45 PM

**Panel 5: Craniofacial Orthodontics**

**Chair:** Barry H. Grayson, DDS; New York University Medical Center (US)

**Panel:** Alvaro Figueroa, DDS; Rush University (US)  
Pedro Santiago, DMD; University of Puerto Rico School of Dentistry, Puerto Rico (US)  
Lisa Vecchione, DMD; University of Pittsburgh Medical Center (US)

2:45 PM-3:45 PM

**Panel 6: Neurosurgery**

**Chair:** Glenn Morrison, MD; Miami Children's Hospital (US)

**Panel:** James T. Goodrich, MD, PhD; Albert Einstein College of Medicine (US)  
Claes Lauritzen, MD, PhD; Sahlgrenska University Hospital (Sweden)  
Gabriel Mufarraj, MD (Brazil)  
Dominique Renier, MD; Hôpital Necker Enfants-Malades (France)

3:45 PM-4:00 PM

Break

4:00 PM-5:00 PM

**Panel 7: Aesthetic Aspects of Craniofacial Surgery**

**Chair:** Henry K. Kawamoto, Jr., DDS, MD; University of California Los Angeles (US)

**Panel:** Eric Arnaud, MD; Hôpital Necker Enfants-Malades (France)  
Vera Lúcia Nocchi Cardim, PhD; Hospital Beneficência Portuguesa de São Paulo (Brazil)  
Michael J. Yaremchuk, MD; Harvard Medical School (US)

5:00 PM-6:00 PM

**Panel 8: Ethics**

**Chair:** Kenneth W. Goodman, PhD; University of Miami (US)

**Panel:** Carol Balabushka, Parent Advocate (US)  
John A. Persing, MD; Yale University (US)  
Joseph G. McCarthy, MD; New York University (US)  
Kenneth E. Salyer, MD; World Craniofacial Foundation (US)  
Lauro Frederico Barbosa Silveira, PhD; State University of São Paulo (Brazil)

6:00 PM

**Session Closing**

6:30 PM-8:00 PM

**Welcome Reception with Capoeira Show—*Catarineta***

Enjoy Dinner on your own at one of Salvador's wonderful restaurants. See Congress Information Desk for suggestions.

Note: Scientific Program details are subject to change.



**Friday 24 August**

Scientific Sessions—*Gregorio de Matos Room*

7:00 AM-8:00 PM  
7:00 AM-5:00 PM

**Poster Sessions**—*Drumond de Andrade Room and Graciliano Ramos Room*  
**Exhibits**—*Jorge Armado Room*

7:00 AM

**Congress Registration**—*Jorge Amado Room reception area*

7:30 AM-8:00 AM

Coffee

8:00 AM-8:15 AM

**Official Opening and Welcome**  
*S. Anthony Wolfe, MD, and Vera Raposo do Amaral, PhD*

8:15 AM-8:45 AM

**Ouro Preto—Black Gold: The Brazilian History through the Coffee Saga**  
*A History of Coffee in Brazil*  
*Luís Norberto Pascoal*

8:45 AM-9:15 AM

**Congress Introduction: The Gold Standard in Craniofacial Surgery**  
*S. Anthony Wolfe, MD, Miami Children's Hospital*

9:15 AM- 9:30 AM

**An Overview of the Work of Cassio Raposo do Amaral, MD, PhD**  
*Presented by Cassio Eduardo Raposo do Amaral, MD, SOBRAPAR Hospital*

9:30 AM-10:00 AM

**Session 1A—Basic Science**  
**Session Chairmen:** *Steven A. Wall, FRCS (UK) and Ricardo Lopez da Cruz, MD (Brazil)*

**1274** (4 min.)

**Osteogenic Induction of Dural Cells in an Acellular Dermal Matrix**

*Primary Author: Rebecca B. Horn, MD*

*Affiliation: Children's Hospital of Philadelphia*

*Co-Authors: Brian U. Ang, MD, Ryan M. Spivak, MS, Antoneta Radu, BS, Hyun-Duck Nah, DMD, PhD, and Richard E. Kirschner, MD*

**1278** (4 min.)

**BMP-2 and Adipose-Derived Stem Cells in the Reconstruction of Large-Scale Calvarial Defects**

*Primary Author: Joseph E. Losee, MD*

*Affiliation: University of Pittsburgh*

*Co-Authors: Darren M. Smith, MD, Ahmed M. Afifi, MD, Mark P. Mooney, PhD, Kacey G. Marra, PhD, and Gregory M. Cooper, PhD*

**1279** (4 min.)

**Demineralized Bone Matrix (DBX) and Resorbable Plate Laminate: A Novel Way to Reconstruct Large-Scale Pediatric Calvarial Defects**

*Primary Author: Shao Jiang, MD*

*Affiliation: University of Pittsburgh*

*Co-Authors: Darren M. Smith, MD, Ian I. Pollack, MD, John Giroto, MD, Christopher Gordon, MD, and Joseph Losee, MD*

Note: Scientific Program details are subject to change.



**Friday, August 24, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1281** (4 min.)

**Force-dependent Antagonistic Balance and the Origin of Cranial Suture Morphology**

Primary Author: Jack C. Yu, MD, DMD

Affiliation: Medical College of Georgia

Co-Authors: James Borke, PhD, J. R. Chen, Karl H. Wenger, and Guigen Zhang

**1393** (4 min.)

**In Utero Gene Delivery of Virally Encoded TGF-beta3 Rescues Cleft Palate in a TGF-beta3 Knockout Mouse**

Primary Author: Ryan M. Spivak, MS

Affiliation: Children's Hospital of Philadelphia

Co-Authors: Masayuki Endo, MD, PhD, Philip W. Zoltick, MD, Allison Zajac, BS, Brian U. Ang, MD,

Rebecca B. Horn, MD, Alan W. Flake, MD, Richard E. Kirschner, MD, and Hyun-Duck Nah, DMD, PhD

**1591** (4 min.)

**The Future of Mandibular Distraction Osteogenesis and its use in an Irradiated Field**

Primary Author: Steven R. Buchman, MD

Affiliation: University of Michigan Medical Center

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**Discussion** (8 min.)

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10:00 AM-10:30 AM

**Session 1B—Basic Science**

**Session Chairmen:** Arun Gosain, MD (US) and Antonio Fuente del Campo, MD (Mexico)

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**1354** (4 min.)

**Noggin suppression enhances *in vivo* bone formation**

Primary Author: Derrick C. Wan, MD

Affiliation: Stanford University School of Medicine

Co-Authors: Jason Pomerantz, MD, Lisa Brunet, PhD, Jae-Beom Kim, PhD, Yu-Fen Chou, PhD,

Matthew Kwan, MD, Bethany Slater, MD, Deepak Gupta, MD, Benjamin Wu, DDS, PhD,

Richard Harland, PhD, Helen Blau, PhD, and Michael Longaker, MD

**1375** (4 min.)

**Refining retinoic acid stimulation of murine adipose-derived stromal cells accelerates *in vivo* bone formation**

Primary Author: Derrick C. Wan, MD

Affiliation: Stanford University School of Medicine

Co-Authors: Matthew Siedhoff, MD, Matthew Kwan, MD, Randall Nacamuli, MD, Bethany Slater, MD,

Deepak Gupta, MD, Benjamin Wu, DDS, PhD, and Michael Longaker, MD

**1419** (4 min.)

**Rotation of cranial sutures to determine the role of regional dura mater on cranial suture fate**

Primary Author: Bethany J. Slater, MD

Affiliation: Stanford University School of Medicine

Co-Authors: Matthew Kwan, MD, Deepak Gupta, MD, Raimy Amasha, BS, Derrick Wan, MD, and

Michael Longaker, MD

**1429** (4 min.)

**The Influence of the Fetal Keratinocyte in Scarless Repair**

Primary Author: Anuja K. Antony, MD

Affiliation: Stanford University Medical Center

Co-Authors: WuYi Kong, MD, PhD, and H. Peter Lorenz, MD

Note: Scientific Program details are subject to change.

**Friday 24 August**

Scientific Sessions—*Gregorio de Matos Room*

**1479** (4 min.)

**Experimental cranial vault reconstruction with mesenchymal stem cells transfected with vascular endothelial growth factor**

*Primary Author: Ciro Paz Portinho, MD*

*Affiliation: Serviço de Cirurgia Plástica - Hospital de Clínicas de Porto Alegre - Brasil*

*Co-Authors: Marcelo Mattana, MD, Marcus Collares, MD, PhD, Flávia Silva, MS, Lindolfo Meirelles, PhD, Nance Nardi, PhD, Rinaldo Pinto, MD, Márcia Riboldi, MS, Evandro Siqueira, MD, Gustavo Morellato, MB, and Luise Meurer, MD*

**1491** (4 min.)

**Apert p.Ser252Trp mutation in FGFR2 alters the proliferative and osteogenic potential of cranial periosteal cells and promotes a unique gene expression signature: new insights for the understanding of premature suture closure**

*Primary Author: Roberto Dalto Fanganiello, BSc*

*Affiliation: Instituto de Biociências, Universidade de São Paulo*

*Co-Authors: A.L. Sertié, E.M. Reis, E. Yeh, N.A.J. Oliveira, D.F. Bueno, I. Kerkis, Sérgio Cavaleiro, MD, Nivaldo Alonso, MD, PhD, Hamilton Matsushita, Renato Freitas, MD, S. Verjovsky-Almeida, and M.R.S. Passos-Bueno*

**Discussion** (8 min.)

10:30 AM-11:00 AM

Break

11:00 AM-11:20 AM

**Session 1C—Basic Science**

**Session Chairmen:** *Steven A. Wall, FRCS (UK) and Arun Gosain, MD (US)*

**1284** (4 min.)

**Pediatric Orbital Fractures: Classification and Management**

*Primary Author: Ahmed Afifi, MD*

*Affiliation: University of Pittsburgh*

*Co-Authors: Darren Smith, MD, Frederick Deleyiannis, MD, Shao Jiang, MD, Richard Hertle, and Joseph Losee, MD*

**1095** (6 min.)

**Clinical Applications of Recombinant Human Bone Morphogenetic Protein in Craniofacial Surgery**

*Primary Author: Michael H. Carstens, MD, FACS*

*Affiliation: Cardinal Glennon Children's Hospital, Saint Louis University*

**1597** (4 min.)

**Switch Cranioplasty and BMP-2 in a Hemicranial Reconstruction in an Infant**

*Primary Author: Silvio Podda, MD*

*Affiliation: St. Joseph's Children's Hospital (New Jersey)*

**Discussion** (5 min.)

11:20 AM-12:00 NOON

Note: Scientific Program details are subject to change.

**Session 2—Hemifacial Microsomia**

**Session Chairmen:** *Fernando Molina, MD (Mexico) and Juan Carlos Rodríguez, MD (Argentina)*

**Friday, August 24, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1138** (6 min.)

**Hemifacial Microsomia—Case Series and Treatment Protocol**

*Primary Author: Jesse A. Taylor, MD*

*Affiliation: Hospital General Manuel Gea González*

*Co-Authors: Christian Morales, MD, and Fernando Ortiz-Monasterio*

**1257** (4 min.)

**Tongue Dysmorphology in Craniofacial Microsomia**

*Primary Author: Elliott Chen, MD*

*Affiliation: Children's Hospital of Philadelphia*

*Co-Authors: Chuma Chike-Obi, Russell Reid, MD, and Scott Bartlett, MD*

**1146** (4 min.)

**Surgical and therapeutic management for congenital hypoplasia of the tongue:**

**A single case study**

*Primary Author: Elizabeth E. Sperry, ScD, SLP*

*Affiliation: International Craniofacial Institute*

*Co-Authors: Carlos R. Barceló, MD, and David G. Genecov, MD, FACS*

**1288A** (4 min.)

**Hemifacial microsomia, 16 years long term results. Current challenges and expanding opportunities**

*Primary Author: Fernando Molina, MD*

*Affiliation: Hospital General Manuel Gea González*

**1498** (4 min.)

**Microsurgical Correction of Craniofacial Malformations: A Fifteen-Year Experience**

*Primary Author: Pierre B. Saadeh, MD*

*Affiliation: New York University Medical Center*

*Co-Authors: Stephen M. Warren, MD, Joseph G. McCarthy, MD, and John W. Siebert, MD*

**1228** (6 min.)

**Treacher Collins syndrome: Protocol management from birth to maturity**

*Primary Author: James T. Thompson, MD*

*Affiliation: Wake Forest University*

*Co-Author: Peter Anderson, MBChB, FRACS, and David J. David, AC*

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**Discussion** (8 min.)

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12:00 NOON-12:30 PM

**Session 3—Pierre Robin**

**Session Chairmen:** *Nivaldo Alonso, MD, PhD (Brazil) and*

*Anil Madaree, Mb ChB, FRCS, FCS (South Africa)*

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**1323** (4 min.)

**Analysis of Tongue-Lip Adhesion in Management of Robin Sequence: Determinants of Successful Outcome**

*Primary Author: Gary F. Rogers, MD*

*Affiliation: Children's Hospital Boston*

*Co-Authors: Ananth Murthy, MD, and John B. Mulliken, MD*

Note: Scientific Program details are subject to change.

**Friday 24 August**

Scientific Sessions—*Gregorio de Matos Room*

**1338** (4 min.)

**Mandibular Growth Is Not the Same in All Patients with Robin Sequence**

*Primary Author: Gary F. Rogers, MD*

*Affiliation: Children's Hospital Boston*

*Co-Authors: Bonnie Padwa, DMD, MD, and John B. Mulliken, MD*

**1411** (4 min.)

**Pierre Robin's Sequence neonatal mandibular osteogenic distraction: Its influence on the cleft palate transverse dimension. A morphometric study**

*Primary Author: Marcus Collares, MD, PhD*

*Affiliation: Hospital de Clínicas de Porto Alegre, Santa Casa de Porto Alegre – UFRGS*

*Co-Authors: Rinaldo Pinto, MD, and Ciro Portinho, MD*

**1413** (4 min.)

**Use Of Osteogenic Mandibular Distraction In Neonates With Pierre Robin Sequence—Eight Year Experience**

*Primary Author: Marcus Collares, MD, PhD*

*Affiliation: Hospital de Clínicas de Porto Alegre, Santa Casa de Porto Alegre – UFRGS*

*Co-Authors: Rinaldo Pinto, MD, Ciro Portinho, MD, and Antônio Oliveira, MD*

**1480** (4 min.)

**Neonatal Mandibular Distraction in Pierre Robin Sequence**

*Primary Author: Robert Havlik, MD*

*Affiliation: Riley Hospital for Children, Indiana University*

*Co-Authors: Arno R. Schleich, MD, and Craig Hurst, MD*

**1503** (4 min.)

**Ex Utero Intrapartum (EXIT) Management of Micrognathia with Distraction**

*Primary Author: Christopher B. Gordon, MD*

*Affiliation: University of Cincinnati*

*Co-Authors: Rian Maercks, MD, Gerald J. Cho, BS, X. Pilar Reyna Rodriguez, DDS, and Leopoldo Landa, MD, DMD*

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**Discussion** (6 min.)

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12:30 PM-2:30 PM

**Business Meeting, ISCFS Members Only**—*Guimaraes Rosa Room. Box Lunches. Non-members lunch in Catarineta*

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2:30 PM-2:45 PM

**Session 4A—Clefts**

**Session Chairmen:** *Nivaldo Alonso, MD, PhD (Brazil) and*

*Anil Madaree, Mb ChB, FRCS, FCS (South Africa)*

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**1566** (4 min.)

**Encephalocoele Associated with Facial Cleft**

*Primary Author: Anil Madaree, Mb ChB, FRCS, FCS*

*Affiliation: Department of Plastic and Reconstructive Surgery, Inkosi Albert Luthuli Central Hospital*

*Co-Authors: Warwick Morris, Ewa Siolo, and Peter Le Roux*

Note: Scientific Program details are subject to change.

**Friday, August 24, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1280** (4 min.)

**Progress in Palatoplasty: Strategies to Eliminate Fistulae**

*Primary Author: Darren M. Smith, MD*

*Affiliation: University of Pittsburgh*

*Co-Authors: Shao Jiang, MD, Lisa Vecchione, DMD, Matthew Ford, MS, CCC-SLP, Ahmed Afifi, MD, and Joseph Losee, MD*

**1192** (4 min.)

**The outcome of redo-palatoplasty in velopharyngeal insufficiency 13 cases in experience of Ramathibodi Hospital, Thailand**

*Primary Author: Chalermpong Chatdokmaiprai, MD*

*Affiliation: Ramathibodi Hospital, University of Mahidol*

**Discussion** (3 min.)

2:45 PM-3:15 PM

**Session 4B—Clefts**

**Session Chairmen:** *Nivaldo Alonso, MD, PhD (Brazil) and*

*Anil Madaree, Mb ChB, FRCS, FCS (South Africa)*

**1261** (4 min.)

**Improved results in secondary cleft lip rhinoplasty – the modified Vissarionov technique**

*Primary Author: Robert M. Menard, MD, FACS*

*Affiliation: Stanford University*

*Co-Author: Michael Friduss, MD*

**1312** (4 min.)

**“Open-closed” rhinoplasty with composite lateral nasal graft in the management of the bilateral cleft lip nose: stability of results at two-years**

*Primary Author: Michael H. Carstens, MD, FACS*

*Affiliation: Cardinal Glennon Children’s Hospital, Saint Louis University*

**1339** (4 min.)

**Anthropometric Evaluation of Nasal Morphology in Bilateral Cleft Lip and Palate Following Nasoalveolar Molding: 12 Year Follow-Up**

*Primary Author: Judah S. Garfinkle, DMD*

*Affiliation: New York University Medical Center Institute of Reconstructive Plastic Surgery*

*Co-Authors: Timothy W. King, MD, Barry H. Grayson, DDS, Lawrence E. Brecht, DDS, and Court B. Cutting, MD*

**1161** (4 min.)

**Correction of Nostril Stenosis and Alteration of Nostril Shape with an Orthoostic Device**

*Primary Author: Martha L. Mejia, DDS*

*Affiliation: Miami Children’s Hospital*

**1347** (4 min.)

**Long-term psychological functioning in patients with a rare facial cleft: factors with differentiating qualities for those in need of professional support**

*Primary Author: Sarah Versnel, MD*

*Affiliation: Erasmus Medical Centre Rotterdam*

*Co-Author: Irene M.J. Mathijssen, MD*

Note: Scientific Program details are subject to change.

**Friday 24 August**

Scientific Sessions—*Gregorio de Matos Room*

	<b>Discussion (6 min.)</b>
3:15 PM-3:45 PM	<p><b>Session 5A—Orthognathic/Mandible</b>  <b>Session Chairmen:</b> <i>Fernando Molina, MD (Mexico) and Vera Lúcia Nocchi Cardim, PhD (Brazil)</i></p> <hr/> <p><b>1166 (4 min.)</b>  <b>The Rotterdam Palatal Distractor for widening the narrow maxilla in craniofacial anomalies</b>  <i>Primary Author: Eppo Wolvius, DDS, MD</i>  <i>Affiliation: Craniofacial Centre, Erasmus Medical Centre Rotterdam</i>  <i>Co-Authors: Karel Van der Wal, DDS, MD, Edwin Ongkosuwito, Maarten Koudstaal, DDS, MD, and Léon van Adrichem, MD, PhD</i></p> <p><b>1268 (4 min.)</b>  <b>Le Fort I Osteotomy: Study of 100 Brazilian Cases</b>  <i>Primary Author: Francisco V. Mello-Filho, MD, PhD</i>  <i>Affiliation: School of Medicine of Ribeirão Preto, University of São Paulo</i>  <i>Co-Authors: Rodrigo Brigato, MD, PhD, Antonio Augusto Velasco e Cruz, MD, PhD, Andrea Neves, DDS, and José Rildo Oliveira-Filho</i></p> <p><b>1301 (4 min.)</b>  <b>Long-term follow up of mandibular reconstruction with occipitoparietal bone flap in children</b>  <i>Primary Author: Pedro Dogliotti, MD, PhD</i>  <i>Affiliation: National Pediatric Hospital</i>  <i>Co-Authors: Emmanuela Nadal, MD, and Ines Ulfe Aguirre, DMD</i></p> <p><b>1593 (4 min.)</b>  <b>Long-term results after mandibular reconstruction using autogenous rib grafts in pediatric patients</b>  <i>Primary Author: Andre M. Eckardt, MD, DDS, PhD</i>  <i>Affiliation: Hannover Medical School</i>  <i>Co-Authors: Johannes Berten and Peter Brachvogel</i></p> <p><b>1310 (4 min.)</b>  <b>Bimaxillary osteodistraction for the treatment of facial asymmetry: evaluation using photography and three-dimensional CT scan</b>  <i>Primary Author: Max Pereira, MD, PhD</i>  <i>Affiliation: Federal University of São Paulo</i>  <i>Co-Authors: Tessie Kreniski, Bardella Nelson, and Lydia Ferreira</i></p>

	<b>Discussion (8 min.)</b>
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3:45 PM-4:15 PM	Break
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4:15 PM-4:45 PM	<p><b>Session 5B—Orthognathic/Mandible</b>  <b>Session Chairmen:</b> <i>Fernando Molina, MD (Mexico) and Vera Lúcia Nocchi Cardim, PhD (Brazil)</i></p>
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Note: Scientific Program details are subject to change.

**Friday, August 24, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1314** (4 min.)

**Tessier Number 7 Cleft – A New Subclassification and Management Protocol**

*Primary Author: Roger Woods, MBBS*

*Affiliation: Australian Craniofacial Unit*

*Co-Authors: Sanjay Varma, FRCS, and David J. David, AC*

**1318** (4 min.)

**Use of Computed Tomography to determine correlation between maxillary expansion and appliance opening after surgically assisted rapid palatal expansion**

*Primary Author: Dov Charles Goldenberg, MD, PhD*

*Affiliation: Craniofacial Unit, University of São Paulo School of Medicine*

*Co-Authors: Nivaldo Alonso, MD, PhD, Fernanda C. Goldenberg, DDS, PhD, Eloisa S. Gebrin, MD, PhD,*

*Teresinha S. Amaral, DDS, Marco A. Scanavini, DDS, PhD, and Marcus C. Ferreira, MD, PhD*

**1330** (4 min.)

**The Image-Guided Navigation System (IGNS) Application in Plastic Surgery: The Computer-Simulated Occlusion-Adjusted Prefabricated 3D Mirror Image Templates in Difficult Cases in Head and Neck Reconstruction**

*Primary Author: Sophia Chia-Ning Chang, MD, PhD*

*Affiliation: China Medical University Hospital*

*Co-Authors: Philip Chen, MD, Yu-Ray Chen, MD, and Ching-Shiow Tseng, PhD*

**1344** (4 min.)

**Ethetic smile analysis after surgically assisted rapid palatal expansion**

*Primary Author: Ana Paula Morales C. de Carvalho*

*Affiliation: Universidade Metodista de São Paulo*

*Co-Authors: Fernanda C. Goldenberg, DDS, PhD, Lylian Kanashiro, and Dov Charles Goldenberg, MD, PhD*

**1372** (4 min.)

**Using 3D imaging technology and mathematical models of normal variation to improve planning of surgery for facial asymmetry**

*Primary Author: Allan Ponniah, MD*

*Affiliation: Great Ormond Street Hospital for Children*

*Co-Authors: Helen Witherow, FDS, FRCS, Robin Richards, Cliff Ruff, Robert Evans, MScD, FRSFRCS, and*

*David J. Dunaway, FRCS*

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**Discussion** (8 min.)

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4:45 PM-5:15 PM

**Session 5C—Orthognathic/Mandible**

**Session Chairmen:** *Fernando Molina, MD (Mexico) and Robert Havlik, MD (US)*

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**1454** (4 min.)

**Anteroparotid transmasseteric approach of mandibular subcondylar fractures. A prospective study**

*Primary Author: Natacha Kadlub, MD*

*Affiliation: Burgundy University Hospital*

*Co-Authors: Olivier Trost, MD, Jerome Parmentier, MD, Nicolas Robe, MD, Pierre Trouilloud, MD, and*

*Gabriel Malka, MD*

Note: Scientific Program details are subject to change.



**Friday 24 August**

Scientific Sessions—*Gregorio de Matos Room*

**1500** (4 min.)

**Pediatric TMJ Dysfunction: Etiology, Epidemiology, Classification, and Treatment Modalities**

*Primary Author: Alexander Allori, MD, MPH*

*Affiliation: New York University Medical Center*

*Co-Authors: Christopher C. Chang, Stephen M. Warren, MD, and Joseph G. McCarthy, MD*

**1536** (4 min.)

**Reviewing 16 Years of Mandibular Distraction Osteogenesis with a New Stratified Surgical Complication Reporting System**

*Primary Author: Sacha I. Obaid, MD*

*Affiliation: New York University Medical Center*

*Co-Authors: Stephen M. Warren, MD, Judah S. Garfinkle, DMD, Pradip R. Shetye, DDS, Barry H. Grayson, DDS, and Joseph G. McCarthy, MD*

**1589** (4 min.)

**Distraction Osteogenesis in TMJ Ankylosis**

*Primary Author: Rodrigo Fariña, DMD*

*Affiliation: Maxillofacial Department, Hospital Exequiel Gonzalez Cortes and Hospital Del Salvador*

*Co-Author: M. Loreto Castellón, DMD*

**1346** (4 min.)

**Dynamic Distraction Treatment for Mandibular Condylar Fracture Application of a Dynamic Internal Distraction Device**

*Primary Author: Yorikatsu Watanabe, MD*

*Affiliation: Tokyo Metropolitan Police Hospital*

*Co-Authors: Akizuki Tanetaka, Youichi Terashima, Kei Yoshimura, Ayanori Sugita, Tsuyoshi Ozawa, Tuyoshi Agawa, and Tomoyuki Ohta*

**1544** (4 min.)

**The Role of Free Tissue Transfer in the Severely Hypoplastic Mandible**

*Primary Author: Salvatore C. Lettieri, MD, FACS*

*Affiliation: Maricopa Medical Center*

*Co-Author: Stephen P. Beals, MD*

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**Discussion** (8 min.)

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5:15 PM-6:00 PM

**Session 6—Aesthetic**

**Session Chairmen:** *David C. Matthews, MD (US) and Antonio Fuente del Campo, MD (Mexico)*

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**1178** (4 min.)

**The Superiority of Skeletal Fixation in Esthetic Mid-Face Lifting**

*Primary Author: Maher M. Anous, MD*

*Affiliation: La Provence Esthetic Surgery*

**1331** (4 min.)

**Esthetic Facial Contouring and Reanimation Reconstruction in Unoperated Adult Mobius Syndrome: An Orthognathic Surgery Followed by Bilateral Free Functioning Gracilis Muscle Transfers**

*Primary Author: Sophia Chia-Ning Chang, MD, PhD*

*Affiliation: China Medical University Hospital*

*Co-Authors: Philip Chen, MD, Yu-Ray Chen, MD, and Ellen Wen-Ching Ko, DDS, MS*

Note: Scientific Program details are subject to change.

**Friday, August 24, 2007**

Panel Sessions—*Gregorio de Matos Room*

**1391** (4 min.)

**Lipostructure: An Efficient Adjunct to Facial Contour**

*Primary Author: Marco Túlio J. Amarante, MD*

*Affiliation: Day Clinic*

**1233** (4 min.)

**Chin setback: Avoiding blunting of the labiomental fold**

*Primary Author: Maria Fernanda Valotta, MD*

*Affiliation: Hospital Universitario Universidad Abierta Interamericana*

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**Discussion** (5 min.)

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6:00 PM

**Session Closing**

7:00 PM

**Presidential Banquet (Black Tie)**—*Fernando Pessoa Room*

8:00 PM

**Cocktails**

**Dinner**

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Note: Scientific  
Program details are  
subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

7:00 AM-5:00 PM  
7:00 AM-5:00 PM

**Poster Sessions**—*Drumond de Andrade Room and Graciliano Ramos Room*  
**Exhibits**—*Jorge Armado Room*

7:00 AM-7:30 AM

Coffee

7:30 AM-8:00 AM

**Session 7A—Tumors**  
**Session Chairmen:** *Ian T. Jackson, MD (US) and Pedro Dogliotti, MD, PhD (Argentina)*

**1270** (6 min.)

**Craniofacial Fibrous Dysplasia Review of the Literature and Experience from 1997 to 2007**

*Primary Author: Fernando Fabrício Franco, MD (Resident)*

*Affiliation: SOBRAPAR*

*Co-Authors: Leonardo Santos Barros Spencer, Alexander Farinas Pinheiro, Eduardo Villas Boas Braga, César Augusto Raposo do Amaral, MD, Daniel Rogge Caroni, Cassio Eduardo Raposo do Amaral, MD, Marcelo Campos Guidi, and Celso Luiz Buzzo, MD*

**1250** (4 min.)

**Clinical and radiological characteristics of orbital involvement in Fibrous dysplasia. Implications for loss of vision**

*Primary Author: Antonio Augusto Velasco e Cruz, MD, PhD*

*Affiliation: School of Medicine of Ribeirão Preto, University of São Paulo*

*Co-Authors: Flavia De Castro, MD, Antonio C. dos Santos, Francisco Veríssimo de Mello, and Gustavo Eichenberger*

**1264** (4 min.)

**Giant Intraosseous Hemangioma of the Mandible: A Therapeutic Dilemma**

*Primary Author: Francisco V. Mello-Filho, MD, PhD*

*Affiliation: School of Medicine of Ribeirão Preto, University of São Paulo*

*Co-Authors: Rodrigo R. Brigato, MD, PhD, R. C. M. Mamede, H. M. A. Ricz, G. C. D. Eichenberger, and Juliano Borges Mano, MD*

**1272** (4 min.)

**Pathological Studies of Proteus Syndrome**

*Primary Author: Peter Anderson, MBChB, FRACS*

*Affiliation: Australian Craniofacial Unit*

*Co-Authors: David J. David, AC, Stan Gronthos, PhD, Sharon Paton, BSc, Barry Vernon-Roberts, MD, and Andrew Zanettino, PhD*

**1341** (4 min.)

**Problem Cases of Orbital and Invasive Cranial Vault Tumors**

*Primary Author: Ayca Kayıkçioğlu, MD*

*Affiliation: Hacettepe University Faculty of Medicine*

*Co-Authors: Gökhan Tunçbilek, MD, and Yücel Erk, MD*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1359** (4 min.)

**Two-Stage Surgical Treatment of Severe Cherubism**

*Primary Author: Cassio Eduardo Raposo do Amaral, MD*

*Affiliation: SOBRAPAR*

*Co-Authors: Marcelo de Campos Guidi, Stephen M. Warren, MD*

*Ana Beatriz Almeida, Eliane M. Ingrid Amstalden, Valdenize Tiziane, César Augusto Raposo do Amaral, MD, and Cassio Menezes Raposo do Amaral, MD, PhD*

**Discussion** (8 min.)

8:00 AM-8:30 AM

**Session 7B—Tumors**

**Session Chairmen:** *Ian T. Jackson, MD (US) and Pedro Dogliotti, MD, PhD (Argentina)*

**1471** (4 min.)

**Major Invasive Tumors in the Orbital Region in Children and Adults**

*Primary Author: Kenneth E. Salyer, MD*

*Affiliation: World Craniofacial Foundation*

**1484** (4 min.)

**Use of the External Pectoralis Myocutaneous Major Flap (PMMF) in anterior base skull reconstruction**

*Primary Author: Natacha Kadlub, MD*

*Affiliation: Yale Medical School of Medicine, Department of Plastic Surgery*

*Co-Authors: Joseph Shin, MD, Thomas Dellatorre, MD, Stephen Ariyan, MD, FACS, and Douglas Ross, MD, FACS*

**1269** (4 min.)

**Biplanar Cervicofacial Flap for Reconstruction of Orbital Region Defects**

*Primary Author: Antonio Augusto Velasco e Cruz, MD*

*Affiliation: School of Medicine of Ribeirão Preto, University of São Paulo*

*Co-Authors: Rodrigo R. Brigato, MD, PhD, Francisco V. Mello-Filho, MD, PhD, and G. C. D. Eichenberger*

**1525** (4 min.)

**Microsurgery reconstruction of head and neck: experience and complications in Hospital of Clinics of UFBA**

*Primary Author: Marcelo Sacramento Cunha, MD*

*Co-Authors: Rogério Ramos, Marcus Barroso, Cláudia Patrícia Alves, Luiza Fadul, Bruno Badaró, and Roberta Hirata*

**Discussion** (5 min.)

8:30 AM-9:00 AM

**Session 8A—Hypertelorism and Orbital Dystopias**

**Session Chairmen:** *Henry K. Kawamoto, Jr., DDS, MD (US) and Luis Margaride, MD (Argentina)*

**1570** (6 min.)

**Facial Duplication – Report of 7 Cases**

*Primary Author: Anil Madaree, Mb ChB, FRCS, FCS*

*Affiliation: Inkosi Albert Luthuli Central Hospital*

*Co-Authors: Warwick Morris, Ewa Siolo, Patric Uys, Peter Le Roux, and M. Daya*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1382** (4 min.)

**Craniopagus Twin Separation: Case Report**

*Primary Author: Mauricio Mitsuro Yoshida*

*Affiliation: Craniofacial Unit, Division of Plastic Surgery, University of São Paulo School of Medicine*

*Co-Authors: Nivaldo Alonso, MD, PhD, Hamilton Matushita, Dov Charles Goldenberg, MD, PhD,*

*Enis Donizetti, Lucilia Faria, and Giovanna Koishi*

**1579** (4 min.)

**Two Sets of Craniopagus Separated Using A Staged Technique: The Sensible Approach**

*Primary Author: David Staffenberg, MD*

*Affiliation: The Children's Hospital at Montefiore, Albert Einstein College of Medicine*

*Co-Authors: Richard Hayward, FRCS, David J. Dunaway, FRCS, and James Goodrich, MD*

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**Discussion** (10 min.)

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9:00 AM-9:30 AM

**Session 8B—Hypertelorism and Orbital Dystopias**

**Session Chairmen:** *Henry K. Kawamoto, Jr., DDS, MD (US) and Luis Margaride, MD (Argentina)*

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**1120** (4 min.)

**Nasal Reconstruction in Orbital Hypertelorism—Improvement of aesthetic results and operative time utilizing anthropometric guidelines and a gradual pre-fabricate osteocartilagenous framework**

*Primary Author: Juan Martin Chavanne, MD*

*Affiliation: San Isidro Children's Hospital*

*Co-Authors: Diego Steinberg, MD, and Esteban Laguiglia*

**1282** (4 min.)

**Treatment of Four Patients with A Rare Craniofacial Anomaly: Frontofacionasal Dysostosis**

*Primary Author: Gökhan Tunçbilek, MD*

*Affiliation: Hacettepe University Faculty of Medicine Dept. Plastic Surgery*

*Co-Authors: Ayca Kayıkçioğlu, MD, Ibrahim Vargel, MD, and Yücel Erk, MD*

**1290** (4 min.)

**Midface rotation-advancement – repairing of Tessier No. 3 and No. 4 craniofacial clefts with facial unit and muscle repositioning**

*Primary Author: Philip Kuo-Ting Chen, MD*

*Affiliation: Craniofacial Center, Chang Gung Memorial Hospital*

*Co-Author: Yu-Ray Chen, MD*

**1247** (4 min.)

**Globe and eyelid positional changes induced by monobloc frontofacial advancement with distraction osteogenesis**

*Primary Author: Antonio Augusto Velasco e Cruz, MD, PhD*

*Affiliation: School of Medicine of Ribeirão Preto, University of São Paulo*

*Co-Authors: Patricia Mitiko S. Akaishi, Eric Arnaud, MD, Daniel Marchac, MD, and Dominique Renier, MD*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

	<p><b>Discussion</b> (6 min.)</p>
9:30 AM-9:45 AM	<p><b>Session 8C—Hypertelorism and Orbital Dystopias</b>  <b>Session Chairmen:</b> <i>Henry K. Kawamoto, Jr., DDS, MD (US) and Luis Margaride, MD (Argentina)</i></p>
	<p><b>1296</b> (4 min.)  <b>Modified transconjunctival orbital osteotomies for exorbitism in Graves ophthalmopathy</b>  <i>Primary Author: Charles Davis, FRACS</i>  <i>Affiliation: Central &amp; Southern New Zealand Craniofacial Program</i></p>
	<p><b>1438</b> (4 min.)  <b>Transconjunctival versus Subciliary Approaches for Orbital Fracture Repair: Is there a difference in complication rate at a teaching trauma center?</b>  <i>Primary Author: Endrigo Oliveira Bastos, MD</i>  <i>Affiliation: Craniofacial Unit, Division of Plastic Surgery, University of São Paulo School of Medicine</i>  <i>Co-Authors: Dov Charles Goldenberg, MD, PhD, Alexandre Fonseca, MD, Eduardo Kanashiro, MD, Daniel Lima, MD, and Nivaldo Alonso, MD</i></p>
	<p><b>Discussion</b> (3 min.)</p>
9:45 AM-10:00 AM	<p><b>Session 8D—Hypertelorism and Orbital Dystopias</b>  <b>Session Chairmen:</b> <i>Henry K. Kawamoto, Jr., DDS, MD (US) and Antonio Fuente del Campo, MD (Mexico)</i></p>
	<p><b>1322</b> (4 min.)  <b>Orbital Hypertelorism: A Difficult Anomaly to Correct</b>  <i>Primary Author: Gökhan Tunçbilek, MD</i>  <i>Affiliation: Hacettepe University Faculty of Medicine Dept. Plastic Surgery</i>  <i>Co-Authors: Ayca Kayıkçıoğlu, MD, Ibrahim Vargel, MD, M. Emin Mavili, MD, Kemal Benli, MD, and Yücel Erk, MD</i></p>
	<p><b>1527</b> (4 min.)  <b>Facial Bipartition with Monobloc Distraction using Roman Keystone Arch Fixation</b>  <i>Primary Author: James P. Bradley, MD</i>  <i>Affiliation: UCLA Plastic &amp; Reconstructive Surgery</i>  <i>Co-Authors: Cassio Eduardo Raposo do Amaral, MD, Reza Jarrahy, MD, and Henry Kawamoto, Jr., DDS, MD</i></p>
	<p><b>1483</b> (4 min.)  <b>Transcranial interorbital correction of hypertelorism: A modified segmental osteotomy for cranioorbital disproportion</b>  <i>Primary Author: Charles Davis, FRACS</i>  <i>Affiliation: Central &amp; Southern New Zealand Craniofacial Program</i></p>
	<p><b>Discussion</b> (4 min.)</p>
10:00 AM-10:30 AM	<p><b>Session 8E—Hypertelorism and Orbital Dystopias</b>  <b>Session Chairmen:</b> <i>Henry K. Kawamoto, Jr., DDS, MD (US) and Antonio Fuente del Campo, MD (Mexico)</i></p>
	<p>Note: Scientific Program details are subject to change.</p>

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1493** (4 min.)

**Frontoethmoidal Encephalomeningocele: The Review of Surgical Procedures in 14 Cases in Ramathibodi Hospital, Thailand**

Primary Author: Chalermpong Chatdokmaiprai, MD  
Affiliation: Ramathibodi Hospital, Mahidol University

**1412** (4 min.)

**Interdisciplinary Management in an Infant with A Huge Occipital Encephalocele and Complex Brain Malformation**

Primary Author: Cornelius Klein, MD, DMD, PhD  
Affiliation: University of Frankfurt  
Co-Authors: Matthias Kieslich and Rüdiger Gerlach

**1504** (4 min.)

**Tessier #5 Rare Facial Cleft: Surgical Repair of 5 Cases**

Primary Author: Renato da Silva Freitas, MD  
Affiliation: Craniofacial Unit, Division of Plastic Surgery, University of São Paulo School of Medicine  
Co-Authors: Nivaldo Alonso, MD, Lady Canan Junior, MD, Luciano Busato, and André Ricardo D. Tollazi

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**Discussion** (5 min.)

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10:30 AM-10:45 AM

Break

10:45 AM-11:15 AM

**Session 9A—Crouzon/Apert**

**Session Chairmen:** Joseph S. Gruss, MB, B ChIR, FRCS (US) and  
Dov Charles Goldenberg, MD, PhD (Brazil)

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**1164** (4 min.)

**Progressive cerebral edema as a complication of Le Fort III osteotomy: a case report**

Primary Author: Eppo Wolvius, DDS, MD  
Affiliation: Craniofacial Centre, Erasmus Medical Centre Rotterdam  
Co-Authors: Jacques van der Meulen, MD, Irene M.J. Mathijssen, MD, and Marie-Lise C. van Veelen

**1538** (4 min.)

**Blindness as a Possible Complication of Monobloc Frontofacial Advancement with Distraction Osteogenesis**

Primary Author: Eduardo Kanashiro, MD  
Affiliation: University of São Paulo School of Medicine  
Co-Authors: Alexandre Fonseca, MD, Endrigo Oliveira Bastos, MD, Dov Charles Goldenberg, MD, PhD, Hamilton Matushita, and Nivaldo Alonso, MD

**1176** (4 min.)

**Elevated ICP in Patients with Apert, Crouzon, and Pfeiffer Syndrome: Prevalence, Diagnostic Tools, Efficacy of Treatment and Risk Factors**

Primary Author: Irene M.J. Mathijssen, MD  
Affiliation: Erasmus University Medical Center Rotterdam, Sophia Children's Hospital  
Co-Authors: Natalja Bannink, MD, Mari-Lise van Veelen, Marjolijn Bartels, Léon van Adrichem, MD, PhD, Jacques van der Meulen, MD, J. Michiel Vaandrager, T.H. Rob de Jong, Robert Tasker, and Koen Joosten

Note: Scientific Program details are subject to change.



**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1473** (4 min.)

**Raised Intracranial Pressure in Apert Syndrome**

*Primary Author: Damian Marucci, FRACS*

*Affiliation: Great Ormond Street Hospital for Children*

*Co-Authors: David J. Dunaway, FRCS, Barry Jones, FRCS, and Richard Hayward, FRCS*

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**Discussion** (6 min.)

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11:15 AM-11:30 AM

**Session 9B—Crouzon/Apert**

**Session Chairmen:** *Joseph S. Gruss, MB, B ChIR, FRCS (US) and*

*Dov Charles Goldenberg, MD, PhD (Brazil)*

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**1288B** (4 min.)

**Success and problems in treating craniosynostosis with distraction: Analyses of 86 patients over 12 years**

*Primary Author: Fernando Molina, MD*

*Affiliation: Hospital General Manuel Gea González*

**1324** (4 min.)

**Management of syndromic craniosynostosis. Analysis of 45 consecutive cases**

*Primary Author: Ricardo Santos de Oliveira, MD, PhD*

*Affiliation: Division of Pediatric Neurosurgery Ribeirão Preto School of Medicine, University of São Paulo, Campus Universitário*

*Co-Authors: Antonio Augusto Velasco e Cruz, MD, PhD, Francisco Mello-Filho, MD, PhD,*

*Nivaldo Alonso, MD, and Helio Machado, MD, PhD*

**1367** (4 min.)

**Bipartition distraction using the RED frame, in the management of Apert syndrome**

*Primary Author: Helen Witherow, FDS, FRCS*

*Affiliation: Great Ormond Street Hospital for Children*

*Co-Authors: Allan Ponniah, MD, Robert Evans, MScD, FRCS, Richard Hayward, FRCS, Barry Jones, FRCS, and David J. Dunaway, FRCS*

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**Discussion** (3 min.)

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11:30 AM-12:00 Noon

**Session 9C—Crouzon/Apert**

**Session Chairmen:** *Joseph S. Gruss, MB, B ChIR, FRCS (US) and*

*Dov Charles Goldenberg, MD, PhD (Brazil)*

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**1369** (4 min.)

**Does facial distraction of patients with craniofacial dysostosis cause the facial skeleton to bend?**

*Primary Author: Allan Ponniah, MD*

*Affiliation: Great Ormond Street Hospital for Children*

*Co-Authors: Helen Witherow, FDS, FRCS, Robin Richards, Robert Evans, MScD, FRCS, and*

*David J. Dunaway, FRCS*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1398** (4 min.)

**Primary Grafting with Autologous Cranial Particulate Bone Prevents Osseous Defects Following Fronto-orbital Advancement**

*Primary Author: John B. Mulliken, MD*

*Affiliation: Children's Hospital Boston*

*Co-Authors: Arin Greene, MD, Mark R. Proctor, MD, and Gary F. Rogers, MD*

**1399** (4 min.)

**Pediatric Cranioplasty Using Autologous Cranial Particulate Bone Graft: An 18-Year Experience**

*Primary Author: John B. Mulliken, MD*

*Affiliation: Children's Hospital Boston*

*Co-Authors: Arin Greene, MD, Mark R. Proctor, MD, and Gary F. Rogers, MD*

**1506** (4 min.)

**Staged Correction of Cloverleaf Skull Deformity**

*Primary Author: Reza Jarrahy, MD*

*Affiliation: UCLA Plastic & Reconstructive Surgery*

*Co-Authors: James Bradley, MD, and Henry Kawamoto, Jr., DDS, MD*

**1507** (4 min.)

**Valencia del Rey Syndrome: A Novel Craniofacial Syndrome with a Dominant Inheritance and Variable Presentation Maps to a Novel TWIST1 Allele: Insight into Normal Craniofacial Development?**

*Primary Author: Christopher B. Gordon, MD*

*Affiliation: University of Cincinnati*

*Co-Authors: Leopoldo Landa, MD, DMD, Gerald J. Cho, BS, Catherine Ebert, BS, Cristina Jimenez, MD, and Bruce Aronow, PhD*

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**Discussion** (5 min.)

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12:00 Noon-12:30 PM

**Session 10A—Distraction**

**Session Chairmen:** *Joseph G. McCarthy, MD (US) and Carmen Gloria Morovic, MD (Chile)*

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**1443** (4 min.)

**Distraction Rate and Latency: Factors in the Outcome of Pediatric Maxillary Distraction**

*Primary Author: Patrick Cole, MD*

*Affiliation: Baylor College of Medicine*

*Co-Authors: Stephen Higuera, Vince Boyd, and Larry Hollier*

**1361** (4 min.)

**Objective 3-D evaluation of the changes induced to the upper airway after different levels of distraction osteogenesis of the facial skeleton, clinical correlation to correction of Obstructive Sleep Apnea**

*Primary Author: Carlos R. Barceló, MD*

*Affiliation: International Craniofacial Institute*

*Co-Authors: David G. Genecov, MD, FACS, Timothy Trone, MD, Kenneth Salyer, MD, Thomas Hung, MD, Crys Sory, MD, and Elizabeth E. Sperry, ScD, SLP*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1240** (4 min.)

**Assessment of Airway Stenosis in Midface Distraction Osteogenesis**

*Primary Author: Mu Xiongzheng, MD, PhD*

*Affiliation: Shanghai Ninth Hospital, Shanghai Jiaotong University*

**1511** (4 min.)

**Airway Changes Following LeFort III Distraction Osteogenesis for Syndromic Craniosynostosis: A Clinical and Cephalometric Study**

*Primary Author: Roberto Flores, MD*

*Affiliation: New York University Medical Center*

*Co-Authors: Pradip Shetye, DDS, Daniel Zeitler, MD, Joseph Bernstein, MD, Edwin Wang, MD, Stephen M. Warren, MD, Barry H. Grayson, DDS, and Joseph G. McCarthy, MD*

**1303** (4 min.)

**Tracheo-bronchial anomalies in syndromic craniosynostosis: diagnosis and evaluation by 3-dimensional CT image and bronchoscopy**

*Primary Author: Hiroshi Matsumoto, MD*

*Affiliation: Osaka City General Hospital*

*Co-Authors: Keisuke Imai, MD, Hiroaki Sakamoto, MD, Tomoaki Nakano, MD, Akira Yamada, MD, Kuniyuki Morimoto, MD, and Heishiro Fujikawa, MD*

**1468** (4 min.)

**Respiratory status after monobloc frontofacial advancement with distraction: a transient improvement?**

*Primary Author: Eric Arnaud, MD*

*Affiliation: Hôpital Necker Enfants-Malades*

*Co-Author: Philippe Guérin, MD, Marie-Paule Morisseau-Durand, MD, Vincent Couloigner, MD, PhD, Yves Manach, MD, and Dominique Renier, MD*

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**Discussion** (8 min.)

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12:30 PM-1:30 PM

Lunch at *Catarineta*

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1:30 PM-1:45 PM

**Session 10B—Distraction**

**Session Chairmen:** *Joseph G. McCarthy, MD (US) and Carmen Gloria Morovic, MD (Chile)*

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**1218** (4 min.)

**Validity of distraction osteogenesis for craniosynostosis**

*Primary Author: Kaneshige Satoh, MD*

*Affiliation: St. Mary's Hospital*

*Co-Author: Nobuyuki Mitsukawa, MD*

**1215** (4 min.)

**Le Fort III maxillary distraction: Selection of Suitable Devices in our 40 consecutive series**

*Primary Author: Kaneshige Satoh, MD*

*Affiliation: St. Mary's Hospital*

*Co-Author: Nobuyuki Mitsukawa, MD*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1249** (4 min.)

**Long Term Follow-Up in Craniofacial Distraction: Comparison of 3 Different Groups**

*Primary Author: Cassio Eduardo Raposo do Amaral, MD*

*Affiliation: SOBRAPAR*

*Co-Authors: Celso Luis Buzzo, MD, Marcelo Campos Guidi, and Cassio Menezes Raposo do Amaral, MD, PhD*

**Discussion** (3 min.)

1:45 PM-2:15 PM

**Session 10C—Distraction**

**Session Chairmen:** *Joseph G. McCarthy, MD (US) and Carmen Gloria Morovic, MD (Chile)*

**1241** (4 min.)

**Prevention and Management of Cerebro-Spinal Fluid Leak in Fronto-Facial Monobloc Advancement with Internal Distractors**

*Primary Author: Federico Di Rocco, MD*

*Affiliation: Hôpital Necker Enfants-Malades*

*Co-Authors: Sue Antunez, MD, Eric Arnaud, MD, Daniel Marchac, MD, and Dominique Renier, MD*

**1348** (4 min.)

**Frontofacial Distraction in the Very Young**

*Primary Author: David J. Dunaway, FRCS*

*Affiliation: Great Ormond Street Hospital for Children*

*Co-Authors: Robert Evans, MScD, FRSEFRCS, Barry Jones, FRCS, Caroline Mills, Helen Witherow, FDS, FRCS, and Richard Hayward, FRCS*

**1551** (4 min.)

**Case report: Midface distraction without osteotomies in a 4-month old child with severe respiratory obstruction**

*Primary Author: Frank Graewe, MD*

*Affiliation: University of Stellenbosch, Cape Town, South Africa*

*Co-Authors: Jean Morkel, DDS, and Alexander Zuehlke*

**1534** (4 min.)

**The Evolution of Midface Advancement Over 33 Years: A Personal Experience with the Three Techniques**

*Primary Author: Sacha I. Obaid, MD*

*Affiliation: New York University Medical Center*

*Co-Authors: Pradip Shetye, DDS, Michael Sorkin, BS, Stephen M. Warren, MD, Barry H. Grayson, DDS, and Joseph G. McCarthy, MD*

**Discussion** (6 min.)

2:15 PM-2:35 PM

**Session 11A—Craniosynostosis**

**Session Chairmen:** *Claes G.K. Lauritzen, MD (Sweden) and Romulo Guerrero, MD (Ecuador)*

**1114** (4 min.)

**The early beaten copper pattern: its long-term impact on IQ scores in 95 children with craniosynostosis**

*Primary Author: Jacques van der Meulen, MD*

*Affiliation: Erasmus Medical Center*

*Co-Authors: Joris Van der Vlugt, Jolanda Okkerse, and Bert Hofman*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1151** (4 min.)

**Implications of a Progressive Vertex Bulge Following Modified Strip Craniectomy for Sagittal Synostosis**

*Primary Author: Damian Marucci, FRACS*

*Affiliation: John Radcliffe Hospital*

*Co-Authors: Christine Johnston, MRCS, Philip Anslow, Jayaratnam Jayamohan, Peter G. Richards, Andrew Wilkie, FRCP, and Steven A. Wall, FRCS*

**1162** (4 min.)

**Comparison of two skull remodelling techniques for correction of scaphocephaly in the last trimester of the first year of life**

*Primary Author: Léon N.A. van Adrichem, MD, PhD*

*Affiliation: Erasmus University Medical Center Rotterdam, Sophia Children's Hospital*

*Co-Authors: Marcel Oei, Irene M.J. Mathijssen, MD, Jacques van der Meulen, MD, Marie-Lise C. van Veelen, T.H. Rob de Jong, and J. Michiel Vaandrager*

**1163** (4 min.)

**Comparison of three skull remodelling techniques for correction of scaphocephaly in the second trimester of the first year of life**

*Primary Author: Léon N.A. van Adrichem, MD, PhD*

*Affiliation: Erasmus University Medical Center Rotterdam, Sophia Children's Hospital*

*Co-Authors: Marcel Oei, Marie-Lise C. van Veelen, Jacques van der Meulen, MD, Irene M.J. Mathijssen, MD, and T.H. Rob de Jong*

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**Discussion** (3 min.)

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2:35 PM-3:05 PM

**Session 11B—Craniosynostosis**

**Session Chairmen:** *Claes G.K. Lauritzen, MD (Sweden) and Romulo Guerrero, MD (Ecuador)*

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**1594** (4 min.)

**Experience from moulding of non-synostotic head deformity**

*Primary Author: Prof. Dr. Hans-Peter Howaldt*

*Affiliation: Universitätsklinikum Gießen und Marburg GmbH*

*Co-Authors: Falco Wilbrand, Martina Weber, and Christoph Blecher*

**1239** (4 min.)

**Severe posterior deformational plagiocephaly: Long term assessment of surgical correction with occipital 180° flip**

*Primary Author: Alexandre Marchac, MD*

*Affiliation: Hôpital Necker Enfants-Malades*

*Co-Authors: Eric Arnaud, MD, Federico Di Rocco, MD, Joseph Michienzi, and Dominique Renier, MD*

**1259** (4 min.)

**Safety of Posterior Vault Reconstruction**

*Primary Author: Mirko Gilardino, MD*

*Affiliation: Children's Hospital of Philadelphia*

*Co-Authors: Elliott Chen, MD, Davinder Singh, MD, Linton Whitaker, MD, and Scott Bartlett, MD*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1460** (4 min.)

**Dynamic Posterior Calvarial Augmentation in Syndromic Craniosynostosis; a new technique for a difficult problem. Early results in our first five cases**

*Primary Author: Martin Evans, FRCS*

*Affiliation: Craniofacial Unit, Birmingham Children's Hospital*

*Co-Authors: Guirish Solanki, Hiroshi Nishikawa, and Stephen Dover*

**1242** (4 min.)

**Spring-Assisted Skull Expansion without Osteotomies for Bilateral Posterior Cephalic Flatness in Infants**

*Primary Author: Eric Arnaud, MD*

*Affiliation: Hôpital Necker Enfants-Malades*

*Co-Authors: Alexandre Marchac, MD, Daniel Marchac, MD, and Dominique Renier, MD*

**Discussion** (4 min.)

3:05 PM-3:40 PM

**Session 11C—Craniosynostosis: Springs**

**Session Chairmen:** *Claes G.K. Lauritzen, MD (Sweden) and Romulo Guerrero, MD (Ecuador)*

**1343** (4 min.)

**Skull expansion with springs as life saving treatment in a 2 week old with Mercedes-Benz craniosynostosis & Chiari Malformation: a case report**

*Primary Author: José Guimarães Ferreira, MD, PhD*

*Affiliation: Santa Maria Hospital*

*Co-Authors: José Miguéns, MD, Claire Sanger, DO, and João Borges, MD*

**1182** (4 min.)

**The use of implantable springs in the dynamic expansion to craniosynostosis treatment: 17 cases analysis**

*Primary Author: Rodrigo Dornelles, MD*

*Affiliation: Núcleo de Plástica Avançada, Hospital Beneficência Portuguesa de São Paulo*

*Co-Authors: Vera Lúcia Nocchi Cardim, PhD, Rolf Lucas Salomons, MD, Adriano de Lima e Silva, MD, and Alessandra Santos Silva, MD*

**1232** (8 min.)

**Ten years experience with spring assisted craniofacial surgery in 175 patients**

*Primary Author: Claes Lauritzen, MD, PhD*

*Affiliation: Sahlgrenska University Hospital*

*Co-Authors: Charles Davis, MD, FRCS, and Claire Sanger, DO*

**1392** (4 min.)

**Spring assisted cranioplasty for sagittal synostosis—Subjective neuropsychological outcome at 5 years**

*Primary Author: Per Windh, MD*

*Affiliation: Sahlgrenska University Hospital*

*Co-Authors: Claire Sanger, DO, Peter Tarnow, MD, PhD, and Claes Lauritzen, MD, PhD*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1174** (4 min.)

**The Economics of Implantable Distracters vs Traditional Cranial Remodeling Surgery: Is there a difference?**

*Primary Author: Claire Sanger, DO*

*Affiliation: Sahlgrenska University Hospital and Wake Forest University*

*Co-Author: Claes Lauritzen, MD, PhD*

**1490** (4 min.)

**Spring Mediated Cranioplasty for Sagittal Synostosis Addresses Frontal Bossing**

*Primary Author: Steven Glazier, MD*

*Affiliation: Wake Forest University*

*Co-Authors: Alexander Powers, MD, and Lisa David, MD*

**1307** (4 min.)

**Analysis of a 6-Year Clinical Experience with Spring Mediated Distraction**

*Primary Author: Lisa R. David, MD*

*Affiliation: Wake Forest University*

*Co-Authors: Claire Sanger, DO, James Thompson, MD, Steve Glazier, MD, and Louis Argenta, MD*

**1238** (4 min.)

**New Classification Scheme for Sagittal Craniosynostosis**

*Primary Author: Jeremy Pyle, MD*

*Co-Authors: Lisa David, MD, James Thompson, MD, Steve Glazier, MD, and Louis Argenta, MD*

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**Discussion** (8 min.)

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3:40 PM-4:00 PM

Break

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4:00 PM-4:30 PM

**Session 11D—Craniosynostosis**

**Session Chairmen:** *James P. Bradley, MD (US) and Juan Martin Chavanne, MD (Argentina)*

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**1271** (4 min.)

**Sutura Mendosa—A Cause of Non-Synostotic Dolichocephaly**

*Primary Author: Robert M. Menard, MD, FACS*

*Affiliation: Stanford University*

*Co-Author: Kenton Fong, MD*

**1571** (4 min.)

**Rigid bone fixation in calvarial remodeling—how much is necessary? “12 year experience with a ‘floating vertex”**

*Primary Author: Steven A. Wall, FRCS*

*Affiliation: John Radcliffe Hospital*

*Co-Authors: D. G. Morrirt, J. Jayamohan, D. Johnson, and P. G. Richards*

Note: Scientific Program details are subject to change.



**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1300** (4 min.)

**Follow-up of cranial remodeling by gradual distraction in Craniosynostosis**

*Primary Author: Keisuke Imai, MD*

*Affiliation: Osaka City General Hospital*

*Co-Authors: Kuniyuki Morimoto, MD, Hiroaki Sakamoto, MD, Akira Yamada, MD, Hiroshi Matsumoto, MD, and Heishiro Fujikawa, MD*

**1333** (4 min.)

**Single Sutural Craniosynostoses: Surgical Outcomes and Long-term Growth**

*Primary Author: Jeffrey A. Fearon, MD*

*Affiliation: The Craniofacial Center*

*Co-Authors: Rachel Ruotolo, MD, and John Kolar, PhD*

**1442** (4 min.)

**Elastic Traction of the Midface in Craniofacial Disostosis**

*Primary Author: Vera Lúcia Nocchi Cardim, PhD*

*Affiliation: Núcleo de Plástica Avançada, Hospital Beneficência Portuguesa de São Paulo*

*Co-Authors: Rolf Lucas Salomons, MD, Adriano de Lima e Silva, MD, and Rodrigo Dornelles, MD*

**1464** (4 min.)

**The intracranial compartment volume changes in sagittal craniosynostosis patients: the influence of comprehensive cranioplasty**

*Primary Author: Su-Shin Lee, MD*

*Affiliation: Kaohsiung Medical University Hospital, Kaohsiung, Taiwan*

*Co-Authors: Charles Duncan, MD, Bianca Knoll, MD, and John Persing, MD*

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**Discussion** (6 min.)

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4:30 PM-4:55 PM

**Session 11E—Craniosynostosis**

**Session Chairmen:** *James P. Bradley, MD (US) and Juan Martin Chavanne, MD (Argentina)*

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**1243** (3 min.)

**Scaphocephaly—Part I: Surgical Correction for Scaphocephaly with “H Craniectomy” Through Occipital Incision – A Technical Note about 535 Cases**

*Primary Author: Dominique Renier, MD*

*Affiliation: Hôpital Necker Enfants-Malades*

*Co-Authors: Eric Arnaud, MD, Bianca Knoll, MD, Mohamed Khan, MD, and Daniel Marchac, MD*

**1244** (3 min.)

**Scaphocephaly—Part II: Indexes for Scaphocephalic Frontal and Occipital Morphology Evaluation: Long Term Results After “H Craniectomy”**

*Primary Author: Sue Antunez, MD*

*Affiliation: Hôpital Necker Enfants-Malades*

*Co-Authors: Eric Arnaud, MD, Antonio Augusto Velasco e Cruz, MD, PhD, Daniel Marchac, MD, and Dominique Renier, MD*

**1466** (3 min.)

**Scaphocephaly—Part III: Secondary bilateral coronal synostosis occurring after scaphocephalic surgical correction**

*Primary Author: Eric Arnaud, MD*

*Affiliation: Hôpital Necker Enfants-Malades*

*Co-Author: Nathalie Capon-Degardin, J. Mischienzi, MD, and Dominique Renier, MD*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1467** (6 min.)

**Has The Fronto-Orbital Advance Passed Its Sell-By Date In The Management Of Syndromic Craniosynostosis?**

*Primary Author: Richard Hayward, FRCS*

*Affiliation: Great Ormond Street Hospital for Children*

*Co-Author: David J. Dunaway, FRCS*

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**Discussion** (5 min.)

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4:55 PM-5:20 PM

**Session 11F—Craniosynostosis**

**Session Chairmen:** *Eric Arnaud, MD (France) and Rolando Prada Madrid, MD (Colombia)*

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**1552** (6 min.)

**Long-term morphological outcome in operated Trigonocephaly**

*Primary Author: Mohammad A.S. Khan MD, FRCS(C)*

*Affiliation: Hôpital Necker Enfants-Malades*

*Co-Authors: Eric Arnaud, MD, Daniel Marchac, MD, Mohammad Al qattan, MD, FRCS, and*

*Dominique Renier, MD*

**1558** (4 min.)

**Trigonocephaly—1991 to 2007. A Retrospective Study of 42 Cases**

*Primary Author: Gilvani Azor de Oliveira e Cruz, MD*

*Co-Authors: Paulo Carboni, MD, Renato Freitas, MD, Maria Cecilia Ono, MD, and Vinicius Guedes, MD*

**1115** (4 min.)

**Bitemporal Depressions following Cranioplasty for Trigonocephaly: A Long-Term Evaluation of (Supra) Orbital Growth in 92 patients**

*Primary Author: Jacques van der Meulen, MD*

*Affiliation: Erasmus University Medical Center Rotterdam, Sophia Children's Hospital*

*Co-Authors: Patricia Nazir, Irene M.J. Mathijssen, MD, Léon van Adrichem, MD, PhD, Edwin Ongkosuwito,*

*Sophie Stolk-Liefferink, and Michiel Vaandrager*

**1256** (4 min.)

**Changing Epidemiological Spectrum of the Single-Suture Craniosynostosis**

*Primary Author: Scott Bartlett, MD*

*Affiliation: Children's Hospital of Philadelphia*

*Co-Authors: Jesse Selber, Russell Reid, MD, Leslie Sutton, Chuma Chike-Obi, Linton Whitaker, MD, and*

*Davinder Singh, MD*

**1559** (4 min.)

**The increased prevalence of metopic synostosis; a Pan-European observation**

*Primary Author: Jacques van der Meulen, MD*

*Affiliation: Erasmus University Medical Center Rotterdam, Sophia Children's Hospital*

*Co-Authors: Rene van der Hulst, Léon van Adrichem, MD, PhD, Eric Arnaud, MD, David Chin-Shong,*

*Christian Duncan, Edith Habets, Jose Hinojosa Mena-Bernal, Irene M.J. Mathijssen, MD, Paul May,*

*Daniel Morrit, Hiroshi Nishikawa, Peter Noons, David Richardson, Joris van der Vlugt, Steven A. Wall, FRCS,*

*and Dominique Renier, MD*

Note: Scientific Program details are subject to change.

**Saturday, August 25, 2007**

Scientific Sessions—*Gregorio de Matos Room*

**1334** (4 min.)

**Speech and Language Problems in Children with Metopic Craniosynostosis**

*Primary Author: Emma West*

*Affiliation: Craniofacial Team, Birmingham Children's Hospital*

*Co-Authors: Steve Dover, Hiroshi Nishikawa, and Guirish Solanki*

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**Discussion** (6 min.)

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5:20 PM-6:00 PM

**Experience in Human Facial Transplantation**

**Christophe Moure, MD**—*First Human Facial Transplantation: 20 Month Results*

**Laurent Lantieri, MD**—*Facial Transplantation for Plexiform Neurofibroma*

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6:00 PM

**Congress Closing**

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