

ISCFS XII Biennial International Congress

International Society of Craniofacial Surgery

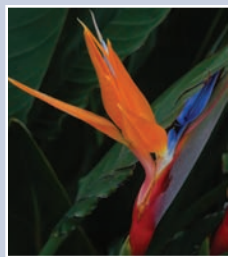


Craniofacial Surgery 1967-2007:
Transforming the Gold Standard.

Scientific Program

Salvador, Bahia, Brazil

August 23-25, 2007 | Pestana Bahia Hotel



INTERNATIONAL
SOCIETY OF
CRANIOFACIAL
SURGERY

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**INTERNATIONAL
SOCIETY OF
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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

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Michael Striker, MD, France
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

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

7:00 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

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

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

Friday, August 24 | 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
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

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

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

Saturday, August 25 | 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
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

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

6:00 PM

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
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- Implamed Implantes Especializados Com. Imp. Exp.
- KLS Martin
- Medical Modeling LLC
- Medtronic
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- 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

Discussion (8 min.)

10:00 AM-10:30 AM

Session 1B—Basic Science

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

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 Cavalheiro, 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

Discussion (8 min.)

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)

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

Discussion (6 min.)

12:30 PM-2:30 PM

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

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)

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*

	Discussion (6 min.)
3:15 PM-3:45 PM	<p>Session 5A—Orthognathic/Mandible Session Chairmen: <i>Fernando Molina, MD (Mexico) and Vera Lúcia Nocchi Cardim, PhD (Brazil)</i></p> <hr/> <p>1166 (4 min.) The Rotterdam Palatal Distractor for widening the narrow maxilla in craniofacial anomalies <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>1268 (4 min.) Le Fort I Osteotomy: Study of 100 Brazilian Cases <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>1301 (4 min.) Long-term follow up of mandibular reconstruction with occipitoparietal bone flap in children <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>1593 (4 min.) Long-term results after mandibular reconstruction using autogenous rib grafts in pediatric patients <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>1310 (4 min.) Bimaxillary osteodistraction for the treatment of facial asymmetry: evaluation using photography and three-dimensional CT scan <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>

Discussion (8 min.)

3:45 PM-4:15 PM	Break
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4:15 PM-4:45 PM	<p>Session 5B—Orthognathic/Mandible Session Chairmen: <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

Discussion (8 min.)

4:45 PM-5:15 PM

Session 5C—Orthognathic/Mandible

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

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

Discussion (8 min.)

5:15 PM-6:00 PM

Session 6—Aesthetic

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

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

Discussion (5 min.)

6:00 PM

Session Closing

7:00 PM

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

8:00 PM

Cocktails

Dinner

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*

	<p>1359 (4 min.) Two-Stage Surgical Treatment of Severe Cherubism <i>Primary Author: Cassio Eduardo Raposo do Amaral, MD</i> <i>Affiliation: SOBRAPAR</i> <i>Co-Authors: Marcelo de Campos Guidi, Stephen M. Warren, MD</i> <i>Ana Beatriz Almeida, Eliane M. Ingrid Amstalden, Valdenize Tiziane, César Augusto Raposo do Amaral, MD, and Cassio Menezes Raposo do Amaral, MD, PhD</i></p>
	<p>Discussion (8 min.)</p>
<p>8:00 AM-8:30 AM</p>	<p>Session 7B—Tumors Session Chairmen: <i>Ian T. Jackson, MD (US) and Pedro Dogliotti, MD, PhD (Argentina)</i></p>
	<p>1471 (4 min.) Major Invasive Tumors in the Orbital Region in Children and Adults <i>Primary Author: Kenneth E. Salyer, MD</i> <i>Affiliation: World Craniofacial Foundation</i></p> <p>1484 (4 min.) Use of the External Pectoralis Myocutaneous Major Flap (PMMF) in anterior base skull reconstruction <i>Primary Author: Natacha Kadlub, MD</i> <i>Affiliation: Yale Medical School of Medicine, Department of Plastic Surgery</i> <i>Co-Authors: Joseph Shin, MD, Thomas Dellatorre, MD, Stephen Ariyan, MD, FACS, and Douglas Ross, MD, FACS</i></p> <p>1269 (4 min.) Biplanar Cervicofacial Flap for Reconstruction of Orbital Region Defects <i>Primary Author: Antonio Augusto Velasco e Cruz, MD</i> <i>Affiliation: School of Medicine of Ribeirão Preto, University of São Paulo</i> <i>Co-Authors: Rodrigo R. Brigato, MD, PhD, Francisco V. Mello-Filho, MD, PhD, and G. C. D. Eichenberger</i></p> <p>1525 (4 min.) Microsurgery reconstruction of head and neck: experience and complications in Hospital of Clinics of UFBA <i>Primary Author: Marcelo Sacramento Cunha, MD</i> <i>Co-Authors: Rogério Ramos, Marcus Barroso, Cláudia Patrícia Alves, Luiza Fadul, Bruno Badaró, and Roberta Hirata</i></p>
	<p>Discussion (5 min.)</p>
<p>8:30 AM-9:00 AM</p>	<p>Session 8A—Hypertelorism and Orbital Dystopias Session Chairmen: <i>Henry K. Kawamoto, Jr., DDS, MD (US) and Luis Margaride, MD (Argentina)</i></p>
<p>Note: Scientific Program details are subject to change.</p>	<p>1570 (6 min.) Facial Duplication – Report of 7 Cases <i>Primary Author: Anil Madaree, Mb ChB, FRCS, FCS</i> <i>Affiliation: Inkosi Albert Luthuli Central Hospital</i> <i>Co-Authors: Warwick Morris, Ewa Siolo, Patric Uys, Peter Le Roux, and M. Daya</i></p>

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

Discussion (10 min.)

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)*

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>Discussion (6 min.)</p>
9:30 AM-9:45 AM	<p>Session 8C—Hypertelorism and Orbital Dystopias Session Chairmen: <i>Henry K. Kawamoto, Jr., DDS, MD (US) and Luis Margaride, MD (Argentina)</i></p>
	<p>1296 (4 min.) Modified transconjunctival orbital osteotomies for exorbitism in Graves ophthalmopathy <i>Primary Author: Charles Davis, FRACS</i> <i>Affiliation: Central & Southern New Zealand Craniofacial Program</i></p>
	<p>1438 (4 min.) Transconjunctival versus Subciliary Approaches for Orbital Fracture Repair: Is there a difference in complication rate at a teaching trauma center? <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>Discussion (3 min.)</p>
9:45 AM-10:00 AM	<p>Session 8D—Hypertelorism and Orbital Dystopias Session Chairmen: <i>Henry K. Kawamoto, Jr., DDS, MD (US) and Antonio Fuente del Campo, MD (Mexico)</i></p>
	<p>1322 (4 min.) Orbital Hypertelorism: A Difficult Anomaly to Correct <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>1527 (4 min.) Facial Bipartition with Monobloc Distraction using Roman Keystone Arch Fixation <i>Primary Author: James P. Bradley, MD</i> <i>Affiliation: UCLA Plastic & Reconstructive Surgery</i> <i>Co-Authors: Cassio Eduardo Raposo do Amaral, MD, Reza Jarrahy, MD, and Henry Kawamoto, Jr., DDS, MD</i></p>
	<p>1483 (4 min.) Transcranial interorbital correction of hypertelorism: A modified segmental osteotomy for cranioorbital disproportion <i>Primary Author: Charles Davis, FRACS</i> <i>Affiliation: Central & Southern New Zealand Craniofacial Program</i></p>
	<p>Discussion (4 min.)</p>
10:00 AM-10:30 AM	<p>Session 8E—Hypertelorism and Orbital Dystopias Session Chairmen: <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*

Discussion (5 min.)

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)*

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

Discussion (6 min.)

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)

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

Discussion (3 min.)

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)

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

Discussion (5 min.)

12:00 Noon-12:30 PM

Session 10A—Distraction

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

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 Xiongzhen, 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

Discussion (8 min.)

12:30 PM-1:30 PM

Lunch at *Catarineta*

1:30 PM-1:45 PM

Session 10B—Distraction

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

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

Discussion (3 min.)

2:35 PM-3:05 PM

Session 11B—Craniosynostosis

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

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.

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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.

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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

Discussion (8 min.)

3:40 PM-4:00 PM

Break

4:00 PM-4:30 PM

Session 11D—Craniosynostosis

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

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.

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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

Discussion (6 min.)

4:30 PM-4:55 PM

Session 11E—Craniosynostosis

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

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.

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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

Discussion (5 min.)

4:55 PM-5:20 PM

Session 11F—Craniosynostosis

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

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.

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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

Discussion (6 min.)

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*

6:00 PM

Congress Closing

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