Craniofacial Surgery
Controversies and Consensus
ISCFS XIII Biennial International Congress
Incorporating the Paris Distraction Symposium

FINAL PROGRAMME
26-30 September 2009,
Barceló Hotel, Oxford, UK

www.iscfs-distraction2009.com
Proven Expertise in

Craniofacial Surgery

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Visit us at the ISCFs
Biennial Congress in
Oxford/UK, booth No. 6
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CONGRESS OFFICE

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Web : www.iscfs-distraction2009.com
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COMMITTEES

ISCFS OFFICERS
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S. Anthony WOLFE (USA), Immediate Past President

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Fernando MOLINA (Mexico)
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CONGRESS PRESIDENT
Steven A. WALL (United Kingdom)

THE ISCFS

The International Society of Craniofacial Surgery (ISCFS) was founded in 1983.
It provides a forum for surgeons to exchange information and technology, fostering a worldwide community of leading experts in this highly specialized field of medicine.

The goals of ISCFS are to:
- Furnish leadership and foster advances in craniofacial surgery
- Provide a forum for exchange of knowledge pertaining to the practice
- Stimulate research, investigation, and teaching methods for preventing and correcting congenital and acquired craniofacial deformities
- Enhance the study and practice of craniofacial surgery
- Afford recognition to those who have contributed to craniofacial surgery by extending to them membership in the ISCFS

We invite you to visit the ISCFS web site www.iscfs.org or contact info@iscfs.org to learn more on the society.
全国会议

ISCFS XIII Biennial International Congress Incorporating the Paris Distraction Symposium

26-30 September 2009, Barceló Hotel, Oxford, UK

FOREWORD

ISCFS XIII Biennial International Congress - 26 to 30 September 2009

On behalf of the ISCFS, the council & officers, and the academic committee of the congress, I welcome you to Oxford for ISCFS XIII incorporating elements of the Paris Distraction Symposium.

We have been extremely fortunate in having had a submission of 447 abstracts from all aspects of craniofacial care submitted. This has allowed the academic committee, working on a blinded/anonymized basis, to make selections which have enabled us to design a high quality and comprehensive academic programme across the period of the congress.

We have also been able to incorporate significant distraction expertise for the Distraction Symposium as well as drawing on other extensive experience in all elements of craniofacial care to address various controversial areas of craniofacial care at the pre-Symposium on Sunday. We hope this will put our delegates in a position to appreciate some of the consensus views on various subjects.

The unprecedented number of registrants for this ISCFS congress has meant that we have had to make substantial changes to the conference facility in order to avoid having to turn away potential registrants. This has been successfully achieved allowing us to host all applicants and despite the current “financial crisis” on a worldwide basis which has resulted in a significant decrease in corporate sponsorship for educational purposes such as this meeting.

In this regard I would also like to thank our sponsors who have been able to contribute to the meeting.

I hope that you have both an enjoyable and successful congress in terms of the academic programme, as well as establishing new contacts and renewing friendships within the social environment of Oxford.

Steven Arthur Wall,
MBCh (rand) FRCS FRCPCH FCS (SA) plast
ISCFS President, 2007-2009

Dear Colleagues,

It is a genuine pleasure and a true honour to welcome you to the « Paris Distraction meeting » taking place in Oxford in 2009, under the auspices of the XIII ISCFS biennial meeting.

First, I would like to thank all ISCFS past-presidents who unanimously supported the idea of this exceptional link between the two events. The geographical location of the ISCFS meeting in Europe is infrequent and coincided this year with the Distraction Symposium. But I would like to address special thanks to the current (2007-2009) ISCFS President, Steven Wall, who made it possible, by seizing this unique opportunity: this has meant considerable additional work to synchronize the two events, but the scientific potential of the two has been realized, with a record number of abstracts in the history of both meetings.

Some of you may not know that the idea itself of an independent “distraction symposium in Paris” was promoted by Patrick Diner and Marie-Paule Vazquez during the 1995 ISCFS meeting hosted by Daniel Marchac in Saint-Tropez, when distraction techniques started to appear as extremely promising, soon after the initial communications during the 1993 ISCFS meeting held by Fernando Ortiz-Monasterio in Oaxaca. This led to scientifically fruitful Distraction Meetings in Paris in 1997, 1999, 2001, 2003 and 2006, in which Joe McCarthy (past president) and Fernando Molina, both ISCFS members, pioneered the way in distraction techniques. Now that distraction is a well established procedure in all fields of craniofacial, maxillofacial and oral surgery, it is part of every meeting in any specialty, and the rationale for a separate distraction meeting has disappeared. This conjunction of the two events is therefore a way to close the loop back to ISCFS, where it started.

However, there is a much larger challenge in the conjunction of the XIII ISCFS Meeting and the Distraction Symposium in 2009. Over the years, we have met in the Paris meeting quite a few maxillofacial surgeons truly innovative in distraction and with considerable experience. Some of them have contributed significantly to the field and are providing rigorous scientific studies. We have supported the idea that all the disciplines should get the opportunity to know the ISCFS group. I truly believe in the collaboration of all specialties, toward the unique goal of achieving better treatment for our patients with complex conditions. I hope this goal has also been achieved. It is not the least of my preoccupations, trying to follow the strategic planning of the society initiated by past-presidents Ken Salyer and David David who deserve special thanks for that.

This ISCFS meeting is the first one after the death of Paul Tessier (1907-2008). All surgeons of the cephalic area owe him something, but Craniofacial Surgery has lost its father. Paul Tessier had called distraction osteogenesis a revolution. This revolution might have come to the end of its cycle but immense challenges are arising, such as biologically-assisted surgery.

Keeping this in mind, I wish you all an excellent meeting in Oxford. MCI, our Organising Secretariat has achieved a great job in helping for the preparation of both meetings.

Eric Arnaud,
ISCFS Secretary-Treasurer
Co-organiser of the Distraction Symposium
with Patrick Diner
ENDORSEMENTS

The ISCFS XIII Biennial International Congress and Paris Distraction Symposium are endorsed by the following Scientific Societies:

ESCFS
European Society of Craniofacial Surgery
www.escfs.org

Nuffield Department of Surgery And University of Oxford
www.ox.ac.uk

BAPRAS
British Association of Plastic Reconstructive and Aesthetic Surgeons
www.bapras.org.uk

CPCA
International Confederation for Cleft Lip and Palate and Related Craniofacial Anomalies
www.int-confed-cPCA.org

APCA
Asian Pacific Craniofacial Association

EACMFS
European Association for Cranio Maxillo Facial Surgery
www.eurofaces.com

ABCCMF
Associação Brasileira de Cirurgia Crânio-Maxilo-Facial
www.abccmf.org.br

AFCMF
Association Française des Chirurgiens Maxillo-Facial

GENERAL INFORMATION & CONDITIONS

WELCOME TO OXFORD

Oxford, city of the “Dreaming Spires”, welcomes you for the ISCFS XIIIth Biennial International Congress and associated Distraction Symposium. Home of nobility and scholars, visiting this city is like entering a living museum, with world famous University Colleges, honey coloured stone buildings, eminent museums, libraries and a peaceful riverside setting. In addition to notable landmarks and traditions, the city centre, with well known and independent retailers and the historic Covered Market, also makes Oxford a wonderful destination for shopping. These and other popular elements blend with Oxford’s lively mix of restaurants, cafés, pubs and theatres to give this fabulous city its alluring vibrant and cosmopolitan buzz.

Enjoy Oxford!!

VENUE AND DATES

The ISCFS XIII Biennial International Congress and Distraction Symposium will be held from Saturday, September 26th to Wednesday, September 30th, 2009 at the Barceló Hotel, the city’s newest and most well-appointed four-star conference venue, ideally located approximately 2 miles from the colleges and museums in Oxford’s historic centre.

OFFICIAL LANGUAGE

Organised by an International Society, the official language of the congress is English.

CONGRESS OFFICE

On-site Secretariat:
It will be located in the lobby of the Hotel and opens as follows:
- FRIDAY, 25 SEPTEMBER 2009: 13h30-18h00
- SATURDAY, 26 SEPTEMBER 2009: 07h00-19h00
- SUNDAY, 27 SEPTEMBER 2009: 07h00-18h00
- MONDAY, 28 SEPTEMBER 2009: 07h00-18h00
- TUESDAY, 29 SEPTEMBER 2009: 07h00-18h00
- WEDNESDAY, 30 SEPTEMBER 2009: 07h00-13H00

Congress documentation is available there for pre-registered delegates and for anyone wishing to register on-site.

You can reach the on-site secretariat on:
Email: • general information: info@iscfs-distraction2009.com
- registration and accommodation: reg@iscfs-distraction2009.com
- abstracts and scientific programme: prog@iscfs-distraction2009.com
- exhibition and sponsorship: exh@iscfs-distraction2009.com

After the meeting:
ISCFS DISTRACTION 2009 c/o MCI France
24 rue Chauchat 75009 Paris - France
Tel.: + 33 (0)1 53 85 82 81 - Fax: + 33 (0)1 53 85 82 83
Web: www.iscfs-distraction2009.com
BADGES IDENTIFICATION
A named badge will be provided with your registration documents upon arrival at the Barceló Hotel.
For security and regulation process, the wearing of the badge is compulsory at all times both inside the Barceló Hotel and at all social events organised within the context of the Congress.

The badges colour codes are:
DELEGATE PACKAGE A: WHITE - DELEGATE PACKAGE B: GREEN - DELEGATE PACKAGE C: BLUE
PRESS: YELLOW - EXHIBITOR: RED - ACCOMPANYING PERSON: ORANGE - STAFF: BLACK

REGISTRATION
Access to all Congress activities is subject to registration.

On-site fees
3 participation packages are proposed to delegates and trainees who can select the period / length of participation they prefer:
Package A = Distraction & Pre-Congress Symposiums (26th + 27th September 2009)
Package B = ISCFS XIII Congress (28th + 29th + 30th September 2009)
Package C = A+B (26th to 30th September 2009)

Fees include British VAT at 15%, as current rate at the day of printing.

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Terms of Payment
The ISCFS has given a mandate to MCI for the full organisation of the ISCFS XIII BIENNIAL and DISTRACTION SYMPOSIUM. MCI is the sole competent company to receive payments for this event and to act on behalf of the ISCFS for the whole organisation (conference & exhibition).

On-site payments may be made either:
• cheque payable in Euros (€) or in POUND STERLING (£) to the order of ISCFS DISTRACTION 2009 – MCI
• credit card: VISA / MASTERCARD / EUROCARD / AMERICAN EXPRESS (no other cards accepted)
• by cash (Euros or Pound Sterling)
ISCFS-DISTRACTION 2009 bank account details are:
ISCFS-DISTRACTION 2009 c/o MCI
CREDIT LYONNAIS PARIS LA FAYETTE, 59 rue La Fayette, 75009 PARIS, France
Bank Code: 30002 – Sort code: 05666
Account No: 0000060133P – Key 15
IBAN: FR91 3000 2056 6600 0006 0133 P15 / BIC: CRLYFRPP

Name substitutions
Name substitutions are not accepted and are considered as new registrations.

Lost badges
If you have lost your badge please report to the Lost & Founds desk (on-site registration). If your badge has not been found, its re-issuing will be considered as a new registration.

ACCOMMODATION
If you have used the Congress Office services to handle your accommodation, please do not hesitate to ask onsite welcome desk staff for information / assistance.
Please remember:
- All guests will be responsible for their own accommodation and incidental charges which are to be settled upon departure from the hotel.
- “No Shows” on the first night will automatically cancel the entire reservation and involve the loss of the entire prepayment. Hotels reserve the right to charge you also for the remaining cancelled nights uncovered by the prepayment.
- If you shorten your stay, no refund will be made of the cancelled pre-paid room nights.

CANCELLATION POLICY
Cancellations must be notified in writing (by mail or fax BUT NOT email) to the Congress Office and are subject to the following conditions:
• Up to June 15th, 2009: € 100 / £ 94 will be withheld for administrative fee.
• After June 15th, 2009, no refunds will be issued.
• No refunds on agreed / paid registration fee and hotel pre-payment will be issued for cancellation or no-show due to failure to obtain a visa.
PRACTICAL INFORMATION

ABSTRACTS
All abstracts and presentations are in English.
The abstracts book is in your Congress bag and contains all the Free Communications (oral and posters) accepted by the Abstracts Selection Committee as well as some invited speakers abstracts.
Companies and participants may copy material for their personal use; copying for sale or for any other commercial purpose is prohibited.

CATERING FACILITIES
Lunches, morning and afternoon breaks are included in the registration fees according to the participation package you have selected. They will be served in the conference venue area and exhibition hall.

CELLULAR PHONES
Participants are kindly requested to turn off their mobile phones when entering the meeting rooms and in the posters area.

CERTIFICATE OF ATTENDANCE
A certificate of attendance will be provided to all pre-registered and on-site registered attendees.

CLIMATE
The weather in Oxford in September is generally mild with occasional hot and sunny days; the daily temperatures range from 9°C to 18°C.

CLOAKROOM
A cloakroom will be at the attendees disposal free of charge in the conference centre lobby, near the exhibition area.
Opening times will be the same as sessions / welcome desk hours.

CONGRESS BAG
Each participant is entitled to a Congress bag that has to be collected at the registration area.

CURRENCY
All fees and rates in this programme are in EUROS (€) and in POUND STERLING (£) and payment can be done in both currencies.

DISABLED PERSONS ACCESS
All spaces occupied by the meeting at Barceló Hotel as well as at the social events venues are accessible for disabled persons. For any questions / assistance please contact the organisation team at the congress welcome desk.

DUPLICATION, RECORDING, PHOTOS
Photography, audio-taping, video-recording, digital taping or any other form of duplication is strictly prohibited in the session rooms and posters areas.

ELECTRICITY
Electricity used in England is 240 Volts; its frequency is 50 Hz.
You need a transformer for your electrical or electronic equipment using different voltage (ie. USA, Canada, Europe)

EXHIBITION
The exhibition is open to all registered attendees (not to accompanying persons) and is held in the University Suite (ground floor).

Official Exhibition Opening:
Saturday 26th September 2009 from 19h00 to 20h30

Exhibition opening hours:
• SATURDAY, 26 SEPTEMBER 2009: 19h00-21h00
• SUNDAY, 27 SEPTEMBER 2009: 08h00-18h00
• MONDAY, 28 SEPTEMBER 2009: 08h00-18h00
• TUESDAY, 29 SEPTEMBER 2009: 08h00-18h00
• WEDNESDAY, 30 SEPTEMBER 2009: 08h00-12h30
Access to the exhibition is by badge only.

HOW TO GET TO BARCELÓ
Meeting transportation: The Organisers provide attendees staying at the official meeting hotels with a shuttle service during all meeting days to and from the Barceló, in the morning before the sessions start and in the evening after sessions are over. You can find the exact timetable and routing in your badge holder as well as in your hotel lobby. Transportation is provided also for the Social events to some of the official meeting hotels. For details please refer to your invitation card and timetable in your badge holder / hotel lobby.
Travel by car: If you wish to reach the Barceló by car, please check the meeting website for details (see PRACTICAL INFORMATION SECTION). It is recommended to use the “Park and Ride” system as parking in Oxford is difficult and expensive! Oxford’s Park and Ride service enables visitors to leave their cars at locations close to the ring-road and travel into the city centre on a frequent bus service.
Travel by train: If you are coming to Oxford by train, the train station is 3-4 miles away from the Barceló and taxis are available at station.
Travel by city bus: the following bus route has a stop located a 2 minute walk from the Barceló: The Bus stop is called Mere Road and the bus number is number 6.
INTERNET
Attendees (hotel guests as well as non Barceló guests) can purchase vouchers for internet connection from the hotel reception desk, on a daily basis.
The cost would be from the following packages:

**Business 24 Hours - £15.00**
- Duration: 24 consecutive hours
- Data transfer: unlimited
- Value added services:
  - Free national/international calls to any landline
  - Free Printing
  - Online newspapers

**Economy 24 Hours - £12.50**
- Duration: 24 consecutive hours
- Data transfer: up to 500 Megabytes
- Value added services: No extra services included

Please note that Internet connection is not be available in the plenary room.
Attendees staying at the Barceló can benefit from a 30 minutes free connection per day. They need to claim this at the reception desk each day. The 30 minute free WIFI is for coverage only in the bar and lobby areas.

LIABILITY DISCLAIMER
ISCFS and MCI cannot be held liable for any hindrance or disruption of Congress proceedings arising from political, social, health or economic events or any other unforeseen incidents beyond their control. The Congress cancellation conditions shall apply in any case. Registration of a participant entails acceptance of the cancellation conditions.
It is recommended that participants obtain adequate cover for travel, health, accident and cancellation insurance before they depart from their countries. ISCFS and MCI as organizers will accept no liability for personal injuries sustained by or for loss or damage to property belonging to Congress participants and accompanying persons either during or as a result of the Congress or during all tours and events.

LOST AND FOUND
Lost items should be returned to the Congress Welcome Desk (Hotel lobby – On-site registrations).
Should you lose anything, please report to this desk for assistance.

POSTERS
Posters will be on display in the Oriel room, ground floor, located near the main meeting room. The Organisers will have thumb tacks at your disposal in the Scientific Secretariat, Radley room, 1st floor as well as in the Posters room.

The posters must be installe on:
SATURDAY 26TH SEPTEMBER 2009 from 14h00 to 18h30 and SUNDAY 27 SEPTEMBER 2009 from 8h00 to 12h00 (or Monday morning for package B authors).

The posters must be removed on:
WEDNESDAY 30TH SEPTEMBER 2009 from 10h00 to 13h30 (or Sunday evening for package A authors).

The Organisers are not responsible for loss or damage to those posters which are not removed by authors within the times of dismantling as indicated above. Posters not removed by their authors at the stated time, will be automatically destroyed.

PRE-VIEW ROOM - RADLEY ROOM
Located on the 1st floor
This room will be open at the following times:
- FRIDAY 25 SEPTEMBER 2009 from 14h00 to 18h30
- SATURDAY 26 SEPTEMBER 2009 from 7h00 to 18h30
- SUNDAY 27 SEPTEMBER 2009 from 7h00 to 18h30
- MONDAY 28 SEPTEMBER from 7h00 to 18h30
- TUESDAY 29 SEPTEMBER from 7h00 to 18h30
- WEDNESDAY 30 SEPTEMBER from 7h00 to 13h30

All presentations must be in English.
Each speaker should also verify in the final programme that the time of his/her session(s) has not changed.
**SIGHTSEEING**

Oxford is steeped in a rich history and is a cultural melting pot with its diverse and dynamic character. The city offers a large range of sightseeing options. Please check the official Tourist Information Centre web site for information about tours programme, activities and suggestions for sightseeing: www.visitoxford.org/

**SMOKING POLICY**

Please note that smoking is prohibited by law within the Congress premises and in social events venues.

**TELEPHONE**

- To call abroad from England, dial 00 for international and then your country code.
- For international calls to England, dial the international code followed by 44 and the correspondent’s number (without the 0).

**USEFUL WEB SITES**

**ISCFS:**
International Society of Craniofacial Surgery: www.iscfs.org

**Congress venue:**
Barceló hotel: www.barcelo-hotels.co.uk

**Tourist information:**
www.oxfordcity.co.uk
www.visitoxford.org
www.oxfordcityguide.com

**TRANSPORTATION**

Rail transportation: www.nationalrail.co.uk
Transportation from the airports to Oxford: www.theairline.info
Parking service: www.parkandride.net

**SOCIAL EVENTS**

The social programme of the Congress is an important part of the event itself. It creates the opportunity for delegates from different countries to talk together outside the busy scientific sessions! In a laid back atmosphere, new relationships begin and old friends meet.

- The dress code for these Congress events is business attire.
- Reservation requests will be treated on a first come first served basis.
- Pre-registration to all social events is required.

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**WELCOME DRINK**

Saturday September 26th, 2009 - 19h00 - Barceló Hotel – Exhibition hall

Join in to share a convivial moment with participants, exhibitors and spouses in the exhibition area. A perfect opportunity for networking while enjoying refreshments.

Transportation provided at the end of the cocktail from the Barceló Hotel to the Congress official hotels. Included in the registration fees for participants (package A and C). Spouses are welcome at the end of the cocktail from a participation fee of € 25 / £ 23.50.

**CONGRESS DINNER**

Monday September 28th, 2009 – 20h00 - Christ Church College

Christ Church is the largest college in Oxford funded in 1546 by King Henry VII; it is the only college in the world with a cathedral within its walls. Amongst a long list of famous members and students of the college was Lewis Carroll the author of Alice’s Adventures in Wonderland. Visit the great hall, the quadrangles, the cathedral and grand staircase to discover the inspiration for this famous children’s story. Christ Church was also the setting for ‘Hogwarts’ in the Harry Potter films. Enjoy a refined dinner in this magic and elegant Oxford landmark.

Transportation provided from and to the Barceló Hotel and Official Congress Hotels. Participants, exhibitors and spouses are welcome with a participation fee of € 110 / £ 103.40. Limited number of seats.

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**CONGRESS RECEPTION**

Tuesday September 29th, 2009 – 19h30 - Oxford University Museum of Natural History

The Oxford University Museum of Natural History was opened in 1860 specifically to house the University’s scientific collections of zoological, entomological, geological and mineralogical specimens. The Regius Professor of Medicine and his department had rooms along with other scientific departments, all of which have grown into their own buildings over the last 150 years. The Museum is now a Grade I listed building, renowned for its Victorian neo-Gothic architecture and details. The main court is tall and light with a glass roof, which is where the evening cocktail reception will be held amongst the dinosaurs and other displays!

Transportation provided from and to the Barceló Hotel and Official Congress Hotels. Included in the registration fees for participants (package B and C). Exhibitors and spouses are welcome with a participation fee of € 50 / £ 47. Limited number of seats.
The Organising Committee would like to thank the industry partners listed below for their participation and support to the meeting. Special thanks are addressed to the meeting PLATINUM SPONSOR: KLS MARTIN

THE EXHIBITION

KLS Martin Group Gebr. Martin GmbH & Co KG  BOOTH N° 3
Contact person: Mr. Oliver Scheunemann
Phone: +49 7461 7066
Fax: +49 7461 706193
E-mail: info@klsmartin.com
Web Site: www.klsmartin.com
Address: Ludwigstaler Str. 132, 78532 Tuttingen, Germany

General Activity: KLS Martin – Surgical Innovation is our Passion. Every day, KLS Martin starts out afresh to confront the high challenges of a global market head-on and with renewed energy. Our number one goal is always the same: people’s health.

3dMD  BOOTH N° 9
Contact person: Mrs. Kelly Duncan
Phone: +44 (0) 207 368 1630
Fax: +44 (0) 207 937 3400
E-mail: info@3dmd.com
Web Site: http://www.3dMD.com
Address: Vicarage House, 58-60 Kensington, Church Street W8 4DB London, United Kingdom

General Activity: 3dMD is a leading worldwide supplier and developer of non-invasive high-precision 3D surface imaging systems and 3D software based on a scientific biomechanical foundation for planning high precision surgical outcomes.

Biomet Microfixation  BOOTH N° 8
Phone: +1 904 741 4400 / +31 78 629 29 10
Fax: +1 904 741 4500 / +31 78 629 29 12
Web Site: www.biometmicrofixation.com
Address: Global Headquarters: 1520 Tradeport Drive, Jacksonville, FL 32218 - USA
Europe: Toermalijnring 600, 3316 LC Dordrecht The Netherlands

General Activity: Biomet Microfixation is a leading developer and manufacturer of advanced cranio-maxillofacial products. New products include our Traumafix facial fracture fixation and reconstruction system and the TMJ OnPoint 1.2mm Scope System.

Codman, Johnson & Johnson Medical  BOOTH N° 4
Contact person: Philip Daw, UK Product Manager
Phone: +44 77 67 31 17 11
E-mail: pdaw1@its.jnj.com
Web Site: www.codman.co.uk
Address: Johnson & Johnson Medical Ltd, Pinewood Campus, Nine Mile Ride, RG40 3EW Wokingham, United Kingdom

General Activity: Codman, a division of Johnson & Johnson develops and markets a wide range of diagnostic and therapeutic products for the treatment of central nervous system disorders. Our focus is on Intractable Pain & Spasticity Management, Paediatric & Adult Hydrocephalus, Neuro Critical Care, and Neuro Vascular Diseases.

Medical Modeling Inc.  BOOTH N° 7
Phone: +1 303 273 5344
Fax: +1 303 273 6463
E-mail: info@medicalmodeling.com
Web Site: www.medicalmodeling.com
Address: 17301 W. Coffax Avenue, Suite 300, Golden, CO 80401, USA

General Activity: Medical Modeling provides surgeons worldwide with tactile surgical models based on patient CT or CBCT data to enhance surgical planning. Additionally the company provides expertise in virtual planning for complex cases using the SimPlant OMS and SurgiCase CMF software platforms.

Stryker  BOOTH N° 1 & 2
Phone: +41 21 966 12 01
Fax: +41 21 966 13 37
Web Site: www.stryker.com
Address: Grand-Rue 90 - 92, 1820 - Montreux, Switzerland

General Activity: Stryker Corporation is one of the world’s leading medical technology companies with the most broadly based range of products in orthopaedics and a significant presence in other medical specialties. Stryker works with respected medical professionals to help people lead more active and more satisfying lives.

Synthes Ltd  BOOTH N° 6
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Web Site: www.synthes.com
Address: 20 Tewin Road, Welwyn Garden City Hertfordshire AL7 1LG, United Kingdom

General Activity: Synthes is a leading global medical device company. We develop, produce and market instruments, implants and biomaterials for the surgical fixation, correction and regeneration of the human skeleton and its soft tissues.
GUIDE TO THE SCIENTIFIC PROGRAMME

The Scientific Programme is composed by three main sections:

• Distraction Symposium: Saturday 26th September, 2009
• Congress Pre-symposium: Sunday 27th September, 2009
• XIII ISCFS Congress: Monday 28th, Tuesday 29th and Wednesday 30th September, 2009

Distraction Symposium - Saturday 26th September 2009

This symposium follows the format of the previous Paris Distraction Congress with sessions devoted to the various aspect of distraction osteogenesis in the craniofacial skeleton.

Morning sessions are a combination of free scientific papers chosen from general submissions and panel discussions by experts in the field. This is held in the plenary room and attended by all delegates.

Afternoon sessions are parallel interactive sessions (SHARK) based on case presentations selected from general abstract submission and from invited speakers.

Congress Pre-symposium - Sunday 27th September 2009

This pre-symposium is based on the theme “Controversies and Consensus in Craniofacial Surgery”

It consists of four themed sessions – distraction based in the morning and general multi-disciplinary Craniofacial surgery in the afternoon.

Selected panels will give case based discussions around selected “controversies” with audience participation to try and establish “consensus” in terms of management, outcomes and implications of conditions and current treatment modalities.

ISCFS XIII Congress - Monday 28th September to Wednesday 30th September 2009

As in the past this 2.5 day Congress is offer themed free paper based sessions on all major multidisciplinary aspects of craniofacial care from basic science research to state of the art management options.

In each session, a large portion of time is dedicated to discussion and questions.

Please remember:
Access to all sessions and satellite symposium is included in the registration fees according to the package you have chosen.

PRESENTATIONS AND TIMING

The Congress has been designed to allow approximately 25% of the time to be allocated to discussion. It is therefore essential that all papers run to time as the programme has been laid out to-the-minute, with no leeway for overruns of any of the presentations.

Any overruns would eat into the discussion time, which would be a significant disadvantage to other participants in the relevant session.

Although it may appear to be a draconian step, the decision has been made to return to the previous time control measures initially established in the Taiwan meeting. This is based on a 3-colour traffic light system: a green light will remain on throughout the talk duration until 30 seconds from the end, at which point it will change to yellow. At 15 seconds from the end of the allocated time, the yellow will change to red. At the end of the allocated time, the AV system in terms of microphone and slides will be switched off. This will occur with no exceptions.

It is therefore essential that all presenters keep within their allocated time to avoid the disappointment of not being able to present their conclusions.

CME

EACCME

The ISCFS XIII Congress and Distraction Symposium have applied to the European Accreditation Council for Continuing Medical Education (EACCME) to provide the CME activity for medical specialists.

The EACCME is an institution of the European Union of Medical Specialists (UEMS); you may find more information on their website: ywww.uems.net.

The meeting attendees will be informed by the Congress Office, after the meeting, on the EACCME reply to the application. Should the meeting be granted accreditation, they will be sent a certificate stating the number of hours / CME gained.

FRENCH CME

The meeting will provide in total 28 credits in category 1 according to the registration attendance rules.

This accreditation is certified by the Collège Français de Chirurgie Plastique, Reconstructrice et Esthétique (CFCPRE).

PRESENTERS DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

The ISCFS and DistrACTION SYMPOSIUM Organising Committee requires that all presentations be as free of commercial bias as possible and that any information on commercial products or services be based on already generally accepted medical thinking. It is also preferred that generic drug names be used wherever possible and that any presentation referring to unlabelled or research-associated commercial products should disclose this situation to session attendees/on posters display.
# ISCFS XIII Biennial International Congress
Incorporating the Paris Distraction Symposium

26-30 September 2009, Barceló Hotel, Oxford, UK

## Distraction Symposium

<table>
<thead>
<tr>
<th>Saturday 26th September</th>
<th>Sunday 27th September</th>
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| **08h00** | **08h00 - 08h05**
| **S01 - Introduction** | **S10 - Opening Pre-Symposium** |
| **08h02 - 08h20** | **08h05 - 08h55**
| **S02 - Inaugural Lecture** | **S11 - Lefort 1** |
| **08h20 - 08h50** | **08h55 - 10h00**
| **S03 - Research Lectures** | **S12 - Mandible and TMJ** |
| **08h50 - 10h00** | **10h00 - 10h30**
| **S04 - Segmental - Palatal Symphyseal, TMJ** | **Coffee Break** |
| **10h00 - 10h30** | **10h30 - 11h40**
| **Coffee Break** | **S05 - OSAS / Distraction** |
| **10h30 - 11h40** | **10h30 - 11h30**
| **S05 - OSAS / Distraction** | **S13 - Lefort 3** |
| **11h40 - 12h25** | **11h30 - 12h30**
| **S06 - Complications - Occlusion Problems in Distraction** | **S14 - Monobloc** |
| **12h25 - 12h40** | **12h25 - 12h40**
| **S07 - Special Lecture** | **S07 - Special Lecture** |
| **12h40 - 14h15** | **12h30 - 14h00**
| **Lunch Break** | **Lunch Break** |
| **14h15 - 16h15** | **14h00 - 14h45**
| **S08 - Free Papers** | **S15 - Posterior Expansion** |
| **Distraction and Bone Transport** | **14h45 - 15h50**
| **Mandibular Distraction** | **S16 - Controversies and Consensus** |
| **Maxillary Distraction** | **in Craniofacial Surgery Part 1** |
| **Craniofacial Distraction** | **15h50 - 16h20**
| **Coffee Break** | **Coffee Break** |
| **16h15 - 16h45** | **16h20 - 17h10**
| | **S17 - Controversies and Consensus** |
| | **in Craniofacial Surgery Part 2** |
| | **16h45 - 18h35**
| | **S09C - Interactive Session** |
| | **Craniofacial** |
| | **17h10 - 17h40**
| | **S18 - Irradiation Controversies in Imaging** |
| | **17h40 - 17h50**
| | **S18B - Closing Remarks** |
| | **18h00 - 19h30**
| | **S09M - Interactive Session** |
| | **Maxillofacial** |
| | **19h00 - 20h30**
| | **Official Exhibition Opening & Welcome Drink at the Barceló Hotel**
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<th>Monday 28th September</th>
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<td>08H00 - 08H12</td>
<td>S19 - CONGRESS OPENING AND PRESIDENTIAL ADDRESS</td>
<td>08H00 - 09H00 S26 - SYNDROMIC CRANIOSYNOSTOSIS</td>
<td>08H00 - 09H20 S30 - MONOBLOC, MIDFACE, DISTRACTION</td>
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<tr>
<td>08H12 - 08H45</td>
<td>S20 - PAUL TESSIER VALEDICTORY</td>
<td>09H00 - 09H50 COFFEE BREAK</td>
<td>09H20 - 09H40 S31A - TRAUMA PART 1</td>
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<td>08H45 - 09H15</td>
<td>S21 - TESSIER LECTURE</td>
<td>10H00 - 11H00 COFFEE BREAK</td>
<td>10H10 - 11H15 S31B - TRAUMA PART 2</td>
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<tr>
<td>09H15 - 10H30</td>
<td>S22A - CRANIOFACIAL ORTHODONTICS PART 1</td>
<td>11H00 - 11H45 S27 - NON SYNDROMIC CRANIOSYNOSTOSIS</td>
<td>11h15 - 12H05 S32 - TUMOR</td>
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<td>10H30 - 11H00</td>
<td>COFFEE BREAK</td>
<td>11H45 - 12H30 S23 - MISCELLANEOUS</td>
<td>12H05 - 12H55 S33 - AESTHETIC SURGERY</td>
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<td>11H00 - 11H45</td>
<td>S22B - CRANIOFACIAL ORTHODONTICS PART 2</td>
<td>12H30 - 14H00 LUNCH BREAK</td>
<td>12H55 - 13H00 S34 - CONGRESS CLOSING</td>
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<td>11H45 - 12H30</td>
<td>LUNCH BREAK</td>
<td>BUSINESS MEETING (ISCFS MEMBERS ONLY)</td>
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<tr>
<td>12H30 - 14H00</td>
<td>LUNCH BREAK</td>
<td>13H30 - 14H20 S28 - IMAGING</td>
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<tr>
<td>14H00 - 15H40</td>
<td>S24 - CRANIOFACIAL MICROSMOSA/ALLIED CONDITIONS</td>
<td>14H20 - 15H20 S29A - SCIENCE AND RESEARCH PART 1</td>
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<td>15H40 - 16H10</td>
<td>COFFEE BREAK</td>
<td>15H20 - 15H50 COFFEE BREAK</td>
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<tr>
<td>16H10 - 17H40</td>
<td>S25 - MANDIBLE, HTO AND CF-CLEFTIN</td>
<td>15H50 - 17H05 S29B - SCIENCE AND RESEARCH PART 2</td>
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<td>19H30 - 21H00</td>
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<td>20H00 - 22H00 CONGRESS DINNER AT CHRIST CHURCH COLLEGE</td>
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**ISCFS XIII BIENNIAL INTERNATIONAL CONGRESS**

**MONDAY 28TH SEPTEMBER**

- S19 - CONGRESS OPENING AND PRESIDENTIAL ADDRESS
- S20 - PAUL TESSIER VALEDICTORY
- S21 - TESSIER LECTURE
- S22A - CRANIOFACIAL ORTHODONTICS PART 1
- COFFEE BREAK

**TUESDAY 29TH SEPTEMBER**

- S26 - SYNDROMIC CRANIOSYNOSTOSIS
- S27 - NON SYNDROMIC CRANIOSYNOSTOSIS
- S28 - IMAGING
- S29A - SCIENCE AND RESEARCH PART 1
- COFFEE BREAK

**WEDNESDAY 30TH SEPTEMBER**

- S30 - MONOBLOC, MIDFACE, DISTRACTION
- S31A - TRAUMA PART 1
- S31B - TRAUMA PART 2
- S32 - TUMOR
- S33 - AESTHETIC SURGERY
- S34 - CONGRESS CLOSING

**COFFEE BREAKS**

- 09H50 - 10H20
- 10H20 - 12H15
- 13H30 - 14H20
- 14H20 - 15H20
- 15H20 - 15H50
- 15H50 - 17H05

**LUNCH BREAKS**

- 12H15 - 13H30
- 14H00 - 15H40
- 19H30 - 21H00

**EXHIBITION**

- OPEN

**POSTERS VIEWING**

- OPEN
SATURDAY 26th SEPTEMBER 2009

08h00 - 08h02 PLENARY ROOM
S01 INTRODUCTION
S. Wall, Congress President
E. Arnaud, Distraction Symposium President
P. Diner, Distraction Symposium Co-President

08h02 - 08h20 PLENARY ROOM
S02 INAUGURAL LECTURE
Chairperson: S. Wall (U.K.)

08h02 (18')
S02.1 CRANIOFACIAL DISTRACTION: THE FIRST TWENTY YEARS
J. McCarthy

08h20 - 08h50 PLENARY ROOM
S03 RESEARCH LECTURES
Chairpersons: L. Cheung (China), P. Kessler (The Netherlands)

08h21 (8')
S03.1 TRANSPORT DISTRACTION OSTEOGENESIS FOR THE RECONSTRUCTION OF ANKYLOTIC TEMPOROMANDIBULAR JOINT
L. Cheung, L. W. Zheng, X. J. Shi

08h30 (8')
S03.2 PERIOSTEAL DYNAMIC DISTRACTION
P. Kessler

08h39 (5')
S03.3 ACCELERATION OF DISTRACTION OSTEOGENESIS WITH DRUG RELEASING DISTRACTORS
E. Konas, E. M. Mavili, P. Korkusuz, D. Demir, F. Oner, I. H. Canter

08h44 (6') DISCUSSION

08h50 - 10h00 PLENARY ROOM
S04 SEGMENTAL - PALATAL SYMPHYSEAL, TMJ
Chairpersons: J. Hidding (Germany), A. Triaca (Switzerland)

08h51 (10')
S04.1 ALVEOLAR DISTRACTION
J. Hidding

08h52 (7')
S04.2 TRANSMANDIBULAR DISTRACTION FOR WIDENING THE MANDIBLE: POSSIBLE COMPLICATIONS, PITFALLS AND TRICKS
J. Abelesso

09h10 (7')
S04.3 THE USE OF BONE SCREWS AND ORTHODONTIC MECHANICS TO ASSIST CORRECTION OF SELECTED DENTALALVEOLAR CLEFT DEFORMITIES
E. Liou

09h18 (7')
S04.4 UNWANTED UNILATERAL EXPANSION WITH TPD
N. Neyt

09h26 (10')
S04.5 THE INDICATION FOR DISTRACTION OF THE FRONTAL SEGMENT
A. Triaca

09h37 (3')
S04.6 THE SANDWICH OSTEOTOMY: AN ALTERNATIVE METHOD TO DISTRACTION OSTEOGENESIS FOR IMPLANT REHABILITATION OF EDENTULOUS POSTERIOR ATROPHIC MANDIBLES
J. López-Cedrún, J. Arenaz, R. Luaces, I. Vázquez Mahía, S. Sironvalle, J. Ferreras, E. Iglesias

09h41 (3')
S04.7 GROWTH PATTERNS AND INTRAORAL DISTRACTION OSTEOGENESIS: HEMIFACIAL MICROsomIA VERSUS TEMPOROMANDIBULAR JOINT ANKYLOSIS
G. Iannetti, M. Pagnoni, M. Fadda, D. Bartoli, A. Anelli

09h45 (3')
S04.8 TREATMENT OF THE TEMPOROMANDIBULAR JOINT ANKYLOSIS USING COSTO CHONDRAI GRAFTS AFTER A DISTRACTION GAP ARTHROPLASTY
G. Tunçbilek, A. Kaykçolu, E. Mavili

09h48 (12') DISCUSSION

10h00 - 11h00
Coffee break in Exhibition Hall (University Suite)
Posters viewing in Oriel Room

10h00 - 11h40 PLENARY ROOM
S05 OSAS / DISTRACTION
Chairpersons: P.A. Diner (France), F. Ortiz-Monasterio (Mexico)

10h30 (6')
S05.1 USE OF OSTEOGENIC MANDIBULAR DISTRACTION IN NEONATES WITH PIERRE ROBIN SEQUENCE - TEN YEARS EXPERIENCE
B.P. Portinho, G. J. Faller, R. A. Pinto, M. V. M. Collares

10h36 (6')
S05.2 MANDIBULAR GROWTH IN PIERRE ROBIN TREATED WITH EARLY DISTRACTION
F. Ortiz-Monasterio

10h42 (3')
S05.3 ECONOMIC ADVANTAGES TO NEONATAL DISTRACTION DECISION TREE MODEL
J. P. Bradley, H. K. Kawamoto, C. Head, K. Dipple, S. Wald

10h46 (5')
S05.4 PIERRE ROBIN SYNDROME: EVALUATION OF A LARGE SERIES OF PATIENTS TREATED IN TWO BRAZILIAN CENTERS

10h51 (5')
S05.5 PIERRE ROBIN SYNDROME; IS IT MANDATORY TO DO TRACHEOSTOMY?

10h56 (3')
S05.6 LONG-TERM EFFECT OF MANDIBULAR DISTRACTION OSTEOGENESIS ON NIGHT TIME BREATHING IN SYNDROMIC CHILDREN
K. Hurmerinta, M. Kleine-Hakala, J. Hukki, S. Gürsoy

11h00 (5')
S05.7 AIRWAY ANALYSIS: WITH BILATERAL DISTRACTION OF THE INFANT MANDIBLE
J. F. Looby, S. A. Schende, D. Aizenbud

11h05 (3')
S05.8 AFRICAN METHOD OF PAEDIATRIC DISTRACTION OF MIDFACE AND MANDIBLE IN COMPROMIZED AIRWAYS
A. Madaree, E. E. Siolo

11h10 (5')
S05.9 INFANT MANDIBULAR DISTRACTION FOR AIRWAY OBSTRUCTION SECONDARY TO MICROGNATHIA
R. Y. Ha, A. Mitchell, G. D. Papanicolaou, C. Hobar
11H14  (3')
S05.10  MANDIBULAR DISTRACTION IN THE INFANT WITH PIERRE ROBIN SEQUENCE: A PRELIMINARY ASSESSMENT OF VOLUMETRIC CHANGES IN THE OROPHARYNGEAL AIRWAY SPACE
P. K. Patel, L. Zhao, L. D. Holinger

11H18  (3')
S05.11  OSAS IN INFANTS AND NEWBORN: MANDIBULAR DISTRACTION OSTEOGENESIS TO PREVENT OR REMOVE TRACHEOSTOMY
F. M. G. Riva, F. Mazzoleni, C. Meazzini, C. Bertoglio, A. Bozzetti

11H21  (5')
S05.12  POLYSOMNOGRAPHIC DEMONSTRATION OF LONG-TERM RESOLUTION OF UPPER AIRWAY OBSTRUCTION BY MANDIBULAR DISTRACTION IN INFANTS WITH PIERRE ROBIN SEQUENCE
A. Rozzelle, B. Shaqiri

11H40 - 12H25  PLENARY ROOM
S06  COMPLICATIONS - OCCLUSION PROBLEMS IN DISTRACTION
Chairpersons; C. Tomat (France), B. Grayson (USA)

11H40  (6')
S06.1  COMPLICATIONS OF MANDIBULAR DISTRACTION
B. Hoffmeister

11H46  (6')
S06.2  A TWENTY YEAR STUDY OF THE COMPLICATIONS OF CRANIOFACIAL DISTRACTION OSTEOGENESIS

11H52  (3')
S06.3  AVOIDING OCCLUSAL DISASTERS: ORTHODONTIC PERSPECTIVES
A. Figueroa

11H58  (3')
S06.4  MANAGEMENT OF SKELETAL OPEN BITE DURING MANDIBULAR DISTRACTION
B. Grayson

12H00  (3')
S06.5  DECOMPENSATION IN CLASS III PTS WITH DO
M.C. Meazzini

12H04  (3')
S06.6  ARCH COORDINATION, REGENERATE MANIPULATION, AND OPEN BITE CORRECTION IN ORDER TO ACHIEVE OPTIMAL OCCLUSION IN MANDIBULAR DISTRACTION
P. Santiago

12H08  (3')
S06.7  MALOCCLUSION DUE TO D.O. . ARE IMMEDIATE ORTHODONTICS ALWAYS MANDATORY ?
C. Tomat

12H11  (14')  DISCUSSION

12H25 - 12H40  PLENARY ROOM
S07  SPECIAL LECTURE
Chairperson: E. Arnaud (France)

12H25  (15')
S07.1  ABSOLUTE INDICATIONS FOR DISTRACTION IN MICROGNATIA. A CLINICAL EXPERIENCE OF 17 YEARS
F. Molina

12H40 - 14H15  PLENARY ROOM
S08-A  FREE PAPERS :DISTRACTION AND BONE TRANSPORT
Chairpersons: A. Picard (France), C. Guerrero (Venezuela)

14H15  (5')
S08-A.1  MANDIBULAR CONDYLAR RECONSTRUCTION BY TRANSPORT DISTRACTION OSTEOGENESIS IN ADULTS. THE EXPERIENCE OF THE BS.AS. CRANIOFACIAL CENTER
E. Lagiglia Karam, J. Breuer, L. A. Margaride, J. M. Chavanne

14H20  (5')
S08-A.2  DISTRACTION OSTEOGENESIS IN THE MAXILLOFACIAL SKELTON: THE OUTCOMES OF A VERSATILE RECONSTRUCTION METHOD

14H25  (5')
S08-A.3  BILATERAL MAXILLARY TRANSPORT DISTRACTION OSTEOGENESIS IN THE SURGICAL MANAGEMENT OF THE COMPLEX CLEFT LIP AND PALATE PATIENT REFRACTORY TO CONVENTIONAL THERAPY
J. Daskalogiannakis, C. Forrest, J. Phillips, I. A. Nish

14H30  (7')  DISCUSSION

14H37  (5')
S08-B.1  VECTOR MANAGEMENT IN MANDIBULAR DISTRACTION USING UNIVECTOR SUBMERGED DEVICES
S. M. Balaji

14H42  (5')
S08-B.2  OPEN BITE PHENOMENON DURING MANDIBULAR DISTRACTION
A. G. Becking

14H47  (5')
S08-B.3  CURVILINEAR DISTRACTION OSTEOGENESIS FOR CORRECTION OF MANDIBULAR DEFORMITIES
B. L. Padwa, L. B. Kaban, E. B. Seldin, P. Everett, R. Kikinis, K. Yeshwant, M. J. Troulis

14H53  (5')
S08-B.5  PATTERNS OF FACIAL GROWTH IN HEMIFACIAL MICROsomia
N. Minugh-Purvis, R. Foo, J. Huynh, R. F. Mayro, L. A. Whitaker, S. P. Bartlett

14H58  (7')  DISCUSSION

15H05  (5')
S08-C.1  LONG TERM STABILITY OF THE MAXILLARY ADVANCEMENT IN CLEFT LIP AND PALATE USING RIGID EXTERNAL DISTRACTION
G. Captier, C. Baumler, C. Lheritier, E. Canonge, M. Bigorre, P. Canal

15H10  (5')
S08-C.2  MAXILLARY DISTRACTION OSTEOGENESIS IN PAEDIATRIC CLEFT PATIENTS
M. Z. Kulewicz, Z. Dudkiewicz, D. Cudzilo, B. Obloj, F. Kulewicz, Z. Krol

15H15  (3')
S08-C.3  DISTRACTION OSTEOGENESIS OF MAXILLA AND MIDFACE IN POSTRADIOThERAPY PATIENTS
J. W. Nolte, J. Jansma, A. G. Becking
15H19  (5')  
S08-C.4  EXTERNAL MAXILLARY DISTRACTION OSTEOGENESIS IN CLEFT LIP AND PALATE PATIENTS: RESULTS IN GROWING AND NON GROWING PATIENTS  
G. Rossetti, M. C. Meazzini, M. Ferrari, R. Brusati, A. Bozzetti

15H24  (3')  
S08-C.5  IS PREDICTABLE SELECTIVE TRANSVERSAL WIDENING OF THE MAXILLA BY MEANS OF A SARME PROCEDURE POSSIBLE?  
H. Breuning, S. Bergé, W. Borstlap, A. Kuipers-Jagtman, T. Maal, F. Rangel, R. Nada

15H27  (8')  DISCUSSION

15H35  (5')  
S08-D  FREE PAPERS: CRANIOFACIAL DISTRACTION  
Chairpersons: J. Bradley (USA), S. Wall (U.K.)

15H40  (5')  
S08-D.2  TREATMENT OF CORONAL SYNOSTOSIS-A 10 YEAR REVIEW  
M. Mckinnon, D. M. Frim, B. Yamini

15H45  (5')  
S08-D.3  LE FORT III MIDFACE ADVANCEMENT WITH EXTERNAL CRANIOFACIAL DISTRACTION: CRITICAL REVIEW AND OUR EXPERIENCE  
G. Iannetti, M. Fadda, M. Pagnoni, F. Filiaci

15H51  (5')  
S08-D.4  FURTHER EXPERIENCES IN MIDFACE ADVANCEMENT WITHOUT MAXILLARY OSTEOTOMY  
P. Pellerin, A. Wolber, E. Coeugniet, M. Vinchon, P. Dhellemmes

15H56  (5')  
S08-D.5  THE INTERNAL VERSUS HALOFRAME DEVICES IN MIDFACE AND MONOBLOC DISTRACTION OSTEOGENESIS IN PAEDIATRIC PATIENTS WITH SYNDROMAL CRANIOSYNOSTOSIS  
L. A. Satanin, A. L. Ivanov, V. V. Roginsky

16H02  (5')  
S08-D.6  IDEAL DISTRACTION OF THE MIDFACE IN ADULTS AND ADOLESCENCES: DUAL LE FORT III MINUS I AND LE FORT I DistrACTION IN APPLICATION OF THE COMBINED INTERNAL AND EXTERNAL DEVICE IN CRANIOSYNOSTOSIS  
K. Sato, N. Mitsukawa, K. Kadomatsu, Y. Kanazawa

16H07  (8')  DISCUSSION

16H15 – 16H45  
Coffee break in Exhibition Hall (University Suite)  
Posters viewing in Oriel Room

Please note that S09C (Craniofacial) and C09-M1&2 (Maxillofacial) are CONCURRENT SESSIONS

16H45 - 18H35  
PLENARY ROOM

16H55  (3'+6')  
S09-C.2  MULTIPLE SUTURE CRANIOSYNOSTOSIS TREATED WITH SPRING ASSISTED SURGERY  
C. Sanger, F. Giordano, L. Genitori, M. Scagnetti, D. Couture, L. R. David

17H05  (3'+6')  
S09-C.3  MID-_FACE DISTRACTION WITHOUT OSTEOTOMIES FOR AIRWAY OBSTRUCTION IN A FIVE WEEK OLD WITH SYNDROMAL CRANIOSYNOSTOSIS  
K. E. Salyer

17H15  (3'+6')  
S09-C.4  TREATMENT OF ASYMMETRIC MAXILLO-ZYGOMATIC RETRUSION USING INTERNAL LEFORT III DistrACTION IN A CHILD  
A. Wilk, J. Lutz, S. Zink, J. Nussbaumer, P. Barrière

17H25  (3'+6')  
S09-C.5  EARLY RELAPSE AFTER MONOBLOC IN A 4 MONTHS CROUZON  
E. Arnaud

17H35  (3'+6')  
S09-C.6  DEVELOPMENT OF A NEW DISTRACTION DEVICE - CONTROLLING POSITION AND PATH OF THE MIDFACE SEGMENT ON A RIGID PLATFORM  
J. G. McCarthy, P. R. Shetye, E. Giannoutsos, R. L. Flores, A. V. H. Greig, B. H. Grayson

17H45  (3'+6')  
S09-C.7  WAITING FOR TITLE  
J. McCarthy

17H55  (3'+6')  
S09-C.8  DISTRACTION OSTEOGENESIS AFTER LE FORT III OSTEOTOMY, A SALVAGE PROCEDURE IN SEVERE SLEEPING APNEA - IMPROVING OF THE SKELETAL ANCHORAGE USING SELF-CUTTING SCREWS  

18H05  (3'+6')  
S09-C.9  EARLY LENGTHENING OF THE MAXILLA BY DISTRACTION OSTEOGENESIS IN CRANIOFACIAL DISORDERS AND GROWTH IMPACT  
M. Galier, R. Tieghi, L. Clauser

18H15  (3'+6')  
S09-C.10  MULTI-STAGE BONE-CHARGED DISTRACTION OSTEOGENESIS FOR RECONSTRUCTION OF AN EXTENSIVE BONY DEFICIENCY WITH SEVERE SCAR CONTRACTURE OF THE ORAL MUCOSA IN THE MANDIBLE  
Y. Watanabe, T. Akizuki, R. Sasaki, K. Yoshimura, K. Agawa, T. Ota

18H25  (3'+6')  
S09-C.11  MAJOR BONE LOSS DUE TO INFECTION AFTER DISTRACTION  
S. Wall

18H35  (3'+6')  
S09-C.12  WAITING FOR TITLE  
J. McCarthy

18H45  (3'+6')  
S09-C.13  MAJOR BONE LOSS DUE TO INFECTION AFTER DISTRACTION  
S. Wall

26-30 September 2009, Barceló Hotel, Oxford, UK
16H55 (3'+6')
S09-M1.2 SEGMENTAL DISTRACTION OF THE PYRIFORM RIM/VOMER TO RECONSTRUCT NARROW VERTICAL DEFECTS OF THE PREMAXILLA
M. Keenan

17H05 (3'+6')
S09-M1.3 MIDFACE DISTRACTION USING EXTERNAL DEVICE AND TRANS-NASAL PYRIFORM APERTURE WIRES IN 28 CLEFT LIP AND PALATE PATIENTS - THREE YEAR FOLLOW-UP
J. Murthy, A. Hussain

17H25 (3'+6')
S09-M1.5 WAITING FOR TITLE
P. Diner

17H35 (3'+6')
S09-M1.6 MICROGNATHIA WITH CONGENITAL BILATERAL ANKYLOSIS: HOW CAN WE DO BETTER?
L. Cheung

17H45 (3'+6')
S09-M1.7 VERTICAL DISTRACTION OSTEOGENESIS OF A FREE VASCULARIZED FIBULAR FLAP IN A RECONSTRUCTED HEMIMANDIBLE FOR IMPLANTOLOGICAL AND PROSTHETIC REHABILITATION

17H55 (3'+6')
S09-M1.8 MANDIBULAR BONE DISTRACTION IN A PATIENT WITH PYCODYSDOSTOSIS

18H05 (3'+6')
S09-M1.9 THE COMBINED ORTHODONTIC AND SURGICAL MANAGEMENT FOR THE MAXILLARY ALVEOLAR RIDGE AUGMENTATION USING DISTRACTION OSTEOGENESIS IN A TRAUMA CASE
D. Aizenbud, H. Hazan-Molina, A. Rachmiel

18H15 (3'+6')
S09-M1.10 INTERNAL TRANSPORT DISTRACTION FOR MANDIBULAR RECONSTRUCTION
H. Hibi, K. Kinosihita, D. Mizuno, T. Oda, H. Hattori, M. Ueda

16H45 - 18H25 BLENHEIM SUITE

17H35 (3'+6')
S09-M2.6 MELVICK NEEDLE
F. Molina

17H45 (3'+6')
S09-M2.7 RECURRENT INSUFFICIENT DISTRACTION OSTEOGENESIS IN A SEVERE CASE OF HYPOMANDIBULAR FACIO-CRANIAL DYSOSTOSIS
H. Jacobsen, T. M. Trenkle, S. G. Hakim, P. Sieg

17H55 (3'+6')
S09-M2.8 SEGMENTAL DISTRACTION OF THE PYRIFORM RIM/VOMER TO RECONSTRUCT NARROW VERTICAL DEFECTS OF THE PREMAXILLA
M. Keenan

18H05 (3'+6')
S09-M2.9 MIDFACE DISTRACTION USING EXTERNAL DEVICE AND TRANS-NASAL PYRIFORM APERTURE WIRES IN 28 CLEFT LIP AND PALATE PATIENTS - THREE YEAR FOLLOW-UP
J. Murthy, A. Hussain

19H00 – 20H30 Exhibition Hall (University Suite)
OFFICIAL EXHIBITION OPENING & WELCOME DRINK
SUNDAY 27th SEPTEMBER 2009

08H00 - 08H05 PLENARY ROOM
S10 OPENING PRE SYMPOSIUM
S. Wall, Congress President
E. Arnaud, Distraction Symposium President
P. Diner, Distraction Symposium Co-President

CONTROVERSIES AND CONSENSUS IN CRANIOFACIAL DISTRACTION - Part 1
08H05 - 08H55 PLENARY ROOM
S11 LEFORT 1
Chairpersons: J. McCarthy (USA), B. Hoffmeister (Germany)
08H05 (8')
S11.1 DISTRACTION VERSUS ORTHOGNATHIC SURGERY FOR CLEFT LIP AND PALATE: WHICH IS BETTER?
H. P. Chua, M. Bendeus-Hagg, L. K. Cheung
08H14 (8')
S11.2 USE OF A REMOVABLE ADJUSTABLE-INTRAORAL-MAXILLARY (AIM) DISTRACTION DEVICE: TECHNIQUE AND RESULTS
A. A. Figueroa, J. W. Polley
08H23 (4')
S11.3 RIGID INTERNAL DEVICE (RID) INDICATIONS AND OUTCOMES
A. Picard
08H28 (4')
S11.4 STABILITY OF THE RESULTS RID VERSUS RED
C. Tomat
08H33 (8')
S11.5 DISTRACTION OF SEGMENTS IN THE MAXILLA
A. Triaca
08H42 (13') DISCUSSION
08H55 - 10H00 PLENARY ROOM
S12 MANDIBLE AND TMJ
Chairpersons: F. Molina (Mexico), K. Wangerin (Germany)
08H55 (8')
S12.1 THE GOOD DEVICE AT THE RIGHT PLACE IN MANDIBULAR DISTRACTION
P. Diner
09H04 (8')
S12.2 STABILITY OF MANDIBULAR DISTRACTION IN HFM
B. Grayson
09H13 (6')
S12.3 DISTRACTION VERSUS SAGITTAL SPLIT OSTEOTOMY FOR MANDIBULAR ADVANCEMENT: WHICH IS BETTER
H. Chua, L. Cheung
09H20 (8')
S12.4 THE CRITICAL ROLE OF VECTOR PLANNING IN CRANIOFACIAL DISTRACTION
09H29 (8')
S12.5 LONG TERM FOLLOW-UP OF MANDIBULAR DISTRACTION OSTEOGENESIS IN HEMIFACIAL MICSROSOMIA WITH AND WITHOUT THE ASSOCIATION OF FUNCTIONAL APPLIANCES
M. Meazzini, F. Mazzoleni, A. Bozzetti, R. Brusati, E. Sesenna
09H38 (8')
S12.6 LONG TERM RESULTS OF RAMUS ELONGATION
K. Wangerin
09H47 (13') DISCUSSION

10H00 - 10H30
Coffee break in Exhibition Hall (University Suite)
Posters viewing in Oriel Room

CONTROVERSIES AND CONSENSUS IN CRANIOFACIAL DISTRACTION - Part 2
10H30 - 11H30 PLENARY ROOM
S13 LEFORT 3
Chairpersons: S. Dover (U.K.), J. Fearon (USA)
10H30 (8')
S13.2 LEFORT 3 WITHOUT DISTRACTION
D. David
10H39 (8')
S13.3 LEFORT 3 WITH RED DEVICE
J. Fearon
10H48 (8')
S13.4 EXPERIENCE ON MIDFACE DISTRACTION: COMPARISON OF TWO METHODS (INTERNAL VERSUS EXTERNAL)
C. Morales, F. O. Monasterio, F. Molina
10H57 (8')
S13.5 LEFORT 3 WITH RED AND INTERNAL
S. Wall
11H06 (6')
S13.6 SUB-CRANIAL LE FORT III MAXILLARY ADVANCEMENT WITH INTRAORAL DEVICES
C. A. Guerrero, M. Gonzalez
11H13 (5')
S13.7 MIDFACE DISTRACTION WITH TRANSFACIAL PIN AND EXTERNAL DEVICES
P. Pellerin
11H18 (12') DISCUSSION
11H30 - 12H30 PLENARY ROOM
S14 MONOBLOC
Chairpersons: E. Arnaud (France), J. Polley (USA)
11H30 (7')
S14.1 MONOBLOC MIDFACE ADVANCEMENT WITH RIGID EXTERNAL DISTRACTION (R.E.D.)
J. W. Polley, S. Maurice, J. Freedman, A. Figueroa
11H38 (7')
S14.2 TWO QUESTIONS ABOUT THE MONOBLOC FRONTAL FACIAL ADVANCEMENT
S. A. Wolfe
11H46 (7')
S14.3 MONOBLOC WITH QUADRUPLE INTERNAL DISTRACTION
E. Arnaud
11H54 (7')
S14.4 BIPARTITION MONOBLOC WITH RED
D. Dunaway
12H02 (7')
S14.5 TRUE MONOBLOC WITH INTERNAL DEVICE
F. Molina
12H10 (4')
S14.6 AIR IN THE HEAD: PERSISTENCE OF FRONTAL DEAD SPACE FOLLOWING FRONTO-FACIAL DISTRACTION
M. J. Koudstaal, M. A. Khan, D. J. Dunaway, R. D. Hayward
12H14 (16') DISCUSSION
12H30 - 14H00
Lunch break in Exhibition Hall (University Suite)
Posters viewing (Oriel Room)
Controversies and Consensus in Craniofacial Distraction - Part 3

14h00 - 14h45 PLENARY ROOM

S15 POSTERIOR EXPANSION
Chairpersons: S. Wall (U.K.), S. Bartlett (USA)

14h00 (5')
S15.1 SHUNT ASSISTED POSTERIOR EXPANSION WITHOUT DISTRACTOR
F. Di Rocco

14h06 (5')
S15.2 POSTERIOR EXPANSION - NON DISTRACTION TECHNIQUES
G. Solanki

14h12 (5')
S15.3 POSTERIOR EXPANSION WITH GRADED SPRINGS
R. Hayward

14h18 (5')
S15.4 POSTERIOR EXPANSION WITH SPRINGS
E. Arnaud

14h24 (5')
S15.5 POSTERIOR DISTRACTION WITH AN UNILATERAL DISTRACTOR
S. Wall

14h30 (5')
S15.6 POSTERIOR EXPANSION WITH BILATERAL DISTRACTORS
H. Nishikawa

14h35 (10') DISCUSSION

14h45 - 15h50 PLENARY ROOM

S16 CONTROVERSIES AND CONSENSUS IN CRANIOFACIAL SURGERY
PART 1
Neuro Surgery and Intracranial Problems
Chairpersons: J. Goodrich (USA), J. Jayamohan (U.K.), D. Renier (France)

14h45 (8')
S16.1 TREATMENT OF HYDROCEPHALUS IN CRANIOSYNOSTOSIS
TECHNIQUES AND TIMING
J. Goodrich

14h53 (8')
S16.2 CHIARI MALFORMATION – RADIOLOGICAL AND CLINICAL
CHANGES WITH POSTERIOR DISTRACTION
G. Solanki

15h01 (8')
S16.3 FORAMEN MAGNUM DECOMPRESSION IN SYNDROMIC
CRANIOFACIAL DYSOSTOSES
J. Jayamohan

15h09 (8')
S16.4 EXPANDING SKULL VERSUS SHUNTING
F. Di Rocco

15h18 (10') DISCUSSION

15h20 (7')
S16.5 PRIMARY AND SECONDARY RAISED ICP IN SYNOSTOSIS
S. Wall

15h35 (7')
S16.6 MENTAL OUTCOME OF CRANIOSYNOSTOSIS
E. Arnaud

15h42 (8') DISCUSSION

15h50 - 16h20 Coffee break in Exhibition Hall (University Suite)
Posters viewing in Oriel Room
**MONDAY 28TH SEPTEMBER 2009**

**08H00 - 08H12**  
PLENARY ROOM

**S19**  
XIII ISCFS CONGRESS: CONGRESS OPENING

**08H00 (12')**

**S19.1**  
PRESIDENTIAL ADDRESS  
S. Wall, Congress President

**08H12 - 08H45**  
PLENARY ROOM

**S20**  
PAUL TESSIER VALEDICTORY  
Chairperson: S. Wall (U.K.)

**INTRODUCTION:**

**08H12 (10')**

**S20.1**  
PRESIDENTIAL ADDRESS  
E. Ortiz-Monasterio

**08H22 (10')**

**S20.2**  
PRESIDENTIAL ADDRESS  
S. Wolfe

**08H32 (10')**

**S20.3**  
PRESIDENTIAL ADDRESS  
D. Marchac

**08H42 (3')**

**S20.4**  
EULOGY FOR TONY HOCKLEY  
H. Nishikawa

**08H45 - 09H15**  
PLENARY ROOM

**S21**  
TESSIER LECTURE  
Chairperson: S. Wall (U.K.)

**08H45 (30')**

**S21.1**  
TESSIER LECTURE  
Chairperson: S. Wall (U.K.)

**08H45 (30')**

**S21.1**  
GENES IN THE CRANIOFACIAL CLINIC: FROM SYNDROME DESCRIPTION TO CLINICAL PRACTICE  
A. Wilkie

**09H15 - 10H30**  
PLENARY ROOM

**S22-A**  
CRANIOFACIAL ORTHODONTICS PART 1  
Chairpersons: B. Grayson (USA), R. Evans (U.K.), R. Santiago (USA)

**09H15 (6')**

**S22.A.1**  
INTRAORAL SPLINT DESIGN TO BE USED AT VARIOUS AGES WITH THE RIGID EXTERNAL DISTRACTION (RED) SYSTEM FOR MAXILLARY AND MIDFACE ADVANCEMENT  
A. A. Figueroa, J. W. Polley

**09H22 (6')**

**S22.A.2**  
EARLY SECONDARY GINGIVO-ALVEOLO-PLASTY IN THE TREATMENT OF UNILATERAL CLEFT LIP AND PALATE PATIENTS: 20 YEARS EXPERIENCE  
M. Meazzini, R. Brusati

**09H29 (6')**

**S22.A.3**  
TREATMENT OUTCOMES IN PATIENTS WITH UNILATERAL CLEFT LIP AND PALATE: THE AMERICLEFT PROJECT  

**09H36 (6')**

**S22.A.4**  
LONG-TERM EFFECTS ON MIDFACE GROWTH OF GINGIVOPERIOSTEoplasty WITH PRESURGICAL INFANT ORTHOPEDICS IN UNILATERAL CLEFT LIP AND PALATE  
R. H. Grayson, J. S. Garfinke, E. Giannoutsos, L. E. Brecht, C. B. Cutting

**09H43 (5')**

**S22.A.5**  
THREE-DIMENSIONAL NASAL CHANGES IN PATIENTS BORN WITH UNILATERAL CLEFT LIP AND PALATE FOLLOWING NASALVEOLAR MOLDING AND PRIMARY LIP SURGERY  
R. Santiago, G. D. Singh, M.A. Yanez, D. Levy
11H54 - 12H30  PLENARY ROOM
S23  MISCELLANEOUS
Chairpersons: R. Havlik (USA), S. Beats (USA)

11H46 (6')
S23.1  CREATING AN ACADEMIC QUALIFICATION IN CRANIOMAXILLOFACIAL SURGERY
D. J. David

11H53 (6')
S23.2  A MULTICENTER CRANIOMAXILLOFACIAL QUALITY REGISTRY
D. Nowinsk, J. Leikola, A. Hedlund, J. Hakki, E. Arnaud

12H00 (3')
S23.3  THE USE OF TECHNOLOGY TO ENABLE AND EXTEND THE CRANIOMAXILLOFACIAL TEAM: A 35 YEAR EXPERIENCE
L. P. Kerr, C. B. Kerr

12H04 (5')  DISCUSSION

12H09 (6')
S23.4  A METHOD OF PROVIDING CARE TO CHILDREN WITH COMPLEX CRANIOMAXILLOFACIAL PROBLEMS FROM UNDERSERVED COUNTRIES
J. C. Chen, N. Clarke, M. M. Urata

12H25 (3')  DISCUSSION

12H30 - 14H00  PLENARY ROOM
BUSINESS MEETING – ISCFS Members only

14H00 - 15H40  PLENARY ROOM
S24  CRANIOFACIAL MICROsomia/ALLIED CONDITIONS
Chairpersons: J. Rodriguez (Argentina), F. Molina (Mexico), N. Alonso (Brazil)

14H01 (6')
S24.1  SURGICAL ALTERNATIVES FOR MANDIBULAR LENGTHENING
C. A. Guerrero

14H08 (3')
S24.2  EVOLUTION OF SEMIBURIED MANDIBULAR DISTRACTION OSTEOGENESIS TECHNIQUE

14H12 (3')
S24.3  NO DISSECTION MANDIBULAR DISTRACTION

14H16 (3')
S24.4  QUANTIFICATION APPRAISAL OF MANDIBULAR INTERNAL CURVILINEAR DISTRACTION
D. Alzenbud, H. Hazan-Molina, B. Thimmappa, A. A. Schendel

14H20 (5')  DISCUSSION

14H25 (6')
S24.5  PREDICTING OUTCOME OF TONGUE-LIP ADHESION USING THE GILLS SCORING SYSTEM
A. A. Rozelle, B. Shaqiri
10H36 (3')  S24.7  MANDIBULAR LENGTHENING IN UNILATERAL TMJ ANKYLOSIS DURING GROWTH
J. Linares, C. Guerrero, M. González, M. Henríquez

10H40 (3')  S24.8  FINAL RESULTS IN THE TREACHER COLLINS’ MANDIBLE AFTER DISTRACTION OSTEOGENESIS
F. Molina

10H43 (5')  DISCUSSION

10H48 (6')  S24.9  OPTIMIZING CRANIOFACIAL MICROSONIA AND ROMBERG

10H55 (3')  S24.10  FAT TRANSFER IN HEMIFACIAL MICROSONIA AND TREACHER COLLINS
P. A. Diner, G. Franchi, S. Roman, C. Tornat, A. Picard

10H59 (3')  S24.11  SURGERY OUTCOME IN PATIENTS WITH WAARDENBURG SYNDROME FACIAL FEATURES
J. M. Chavanne, W. D. Steinberg, D. A. Lovera, A. Houssay

11H03 (3')  S24.12  FACIAL ANIMATION IN MÜBIUS SYNDROME
J. C. Rodriguez

11H06 (5')  DISCUSSION

11H11 (6')  S24.13  MICRODYSRIA REPAIR WITH CULTURED AUTOLOGOUS HUMAN AURICULAR CHONDROCYTES: MIDDLE-TERM OUTCOME

11H18 (3')  S24.14  THE PUBIC BONE GRAFT: THE FIRST CLINICAL SERIES
J. W. Polley, N. Christopoulos, S. Maurice, G. Derman, A. Figueroa

11H22 (3')  S24.15  ADVANCES IN 3D MODELING TECHNIQUES FOR PLANNING OF COMPLEX CRANIOFACIAL SURGERY
A. L. Ivanov, L. A. Satanin, P. I. Agapov, V. V. Roginsky

11H26 (3')  S24.16  SOCIAL AND RELATIONAL FUNCTIONING OF ADULTS WITH CONGENITAL AND ACQUIRED FACIAL DISFIGUREMENT; A CLINICAL-EMPIRICAL STUDY
S. L. Versnel, M. E. P. van den Elzen, H. J. Duivenvoorden, L. M. J. Mathijssen

11H29 (11')  DISCUSSION

11H40 - 11H10  Coffee break in Exhibition Hall (University Suite)
Posters viewing in Oriel Room

11H10 - 11H40  PLERIARY ROOM

S25  MANDIBLE, HTO AND CF-CLEFTIN
Chairpersons: F. Ortiz-Monasterio (Mexico), Y. Chen (Taiwan), A. Madaree (South Africa)

11H10 (6')  S25.1  NEUROSENSORY DYSFUNCTION OF THE INFERIOR ALVEOLAR NERVE AFTER LENGTHENING OF THE MANDIBLE: DISTRACTION OSTEOGENESIS VERSUS BILATERAL SAGITTAL SPLIT OSTEOOTOMY

11H17 (3')  S25.2  STABILITY OF MANDIBULAR SYMPHYSEAL DISTRACTION (MSD) AND SURGICAL ASSISTED RAPID MAXILLARY EXPANSION (SARME)
A. Bianchi, S. Amadori, S. Mazzoni, M. Pironi, C. Marchetti

11H21 (9')  DISCUSSION

11H30 (6')  S25.4  OUTCOME ANALYSIS OF TEMPOROMANDIBULAR JOINT ANKYLOSIS TREATMENT WITH AND WITHOUT MANDIBULAR DISTRACTION
D. C. Goldenberg, N. Alonso, E. O. Bastos, M. C. Ferreira

11H37 (3')  S25.5  QUANTITATIVE RESULTS OF MANDIBULAR DISTRACTION OSTEOGENESIS IN PIERRE ROBIN INFANTS USING A VERTICAL RAMUS OSTEOGENESIS AND INTERNAL DISTRACTION DEVICE
G. A. Fairbanks, G. M. Varkarakis, A. G. Scherer, R. J. Havlik

11H41 (3')  S25.6  ANGIOGENESIS AND OSTEOGENESIS ARE ENHANCED BY CONTINUOUS TRACTION IN RABBIT MANDIBULAR LENGTHENING
L. W. Zheng, L. Ma, L. K. Cheung

11H45 (3')  S25.7  MICROSCOPIC RELATIONSHIP OF PALATOPHARYNGEUS WITH LEVATOR VELI PALATINI AND SUPERIOR CONSTRICCTOR
S. Hwang, K. Hwang

11H48 (5')  DISCUSSION

11H53 (3')  S25.8  WHAT IS A TESSIER 0-14 CLEFT?
A. Fattah, J. A. Britto

11H57 (3')  S25.9  THE TRIFLAGELLATE CLEFT PALATE
E. Siolo, A. Madaree

12H01 (3')  S25.11  THE PARENT LIASON: A VITAL COMPONENT TO EFFECTIVE CLEFT AND CRANIOFACIAL CARE

12H05 (5')  DISCUSSION

12H10 (6')  S25.12  CORRECTION OF HYPERTelorbitis. Long Term Results with different Techniques
F. Ortiz-Monasterio

12H17 (6')  S25.13  ORIENTAL SURGICAL PROTOCOL IN ORBITAL HYPERTelorBITISM: A 128 CASES

12H24 (3')  S25.14  FACIAL BipARTITION WITH GRADUAL ORBITAL CONTRACTION: CORRECTION OF WIDE 0-14 CRANIOFACIAL CLEFT
J. P. Bradley, C. Raposo du Amaral, H. K. Kawamoto, R. Jarrahy, A. Lim

12H28 (3')  S25.15  BIPARTITION OR BOX OSTEOOTOMY FOR THE CORRECTION OF HYPERTelorBITISM ?
J. Britto, A. Fattah, R. D. Evans, K. K. Nischal, B. M. Jones, R. D. Hayward, D. J. Dunaway

12H32 (8')  DISCUSSION

20H00 – 22H30 CHRIST CHURCH COLLEGE CONGRESS DINNER
TUESDAY 29th SEPTEMBER 2009

08H00 - 09H50 PLENARY ROOM

S26 SYNDROMIC CRANIOSYNOSTOSIS
Chairpersons: E. Arnaud (France), J. Bradley (USA)

08H01 (3')
S26.1 NORMOCEPHALIC PANCRANIOSYNOSTOSIS RESULTING IN LATE PRESENTATION OF ELEVATED INTRACRANIAL PRESSURES
R. Foo, L. A. Whitaker, S. P. Bartlett

08H05 (3')
S26.2 CONSISTENCIES IN CEPHALOFACIAL GROWTH PATTERNING IN PATIENTS WITH APERT SYNDROME

08H09 (3')
S26.3 A NEW APPROACH TO THE MANAGEMENT OF SYNDROMIC CRANIOSYNOSTOSIS
R. D. Hayward, D. Dunaway, J. Britto, R. Evans, B. Jones

08H13 (3')
S26.4 PFEIFFER SYNDROME - A TREATMENT EVALUATION
J. L. Rhodes, J. A. Fearon

08H17 (3')
S26.5 MERCEDES BENZ PATTERN CRANIOSYNOSTOSIS
J. L. Rhodes, J. A. Fearon

08H20 (5') DISCUSSION

08H25 (3')
S26.6 LONG-TERM SURGICAL OUTCOMES OF PATIENTS TREATED FOR TWIST1-CONFIRMED SAETHRE CHOTZEN SYNDROME

08H29 (3')
S26.7 INTRACRANIAL PRESSURE CHANGES IN CHILDREN WITH APPARENTLY NON-SYNDROMIC UNICORONAL SYNOSTOSIS
K. A. Eley, D. Johnson, A. Wilkie, J. Jayamohan, P. Richards, S. Wall

08H33 (3')
S26.8 REOPERATION FOR INTRACRANIAL HYPERTENSION IN TWIST1-CONFIRMED SAETHRE-CHOTZEN SYNDROME

08H37 (3')
S26.9 CLINICAL FEATURES OF DELAYED CRANIAL PANSYNOSTOSIS

08H41 (3')
S26.10 INCIDENCE OF RAISED INTRACRANIAL PRESSURE IN PATIENTS WITH CRUZON’S SYNDROME
G. S. Abu-Sitta, D. Dunaway, R. Hayward, K. Nishal, A. Liasis, D. Thompson

08H44 (5') DISCUSSION

08H49 (6')
S26.13 NEUROSURGICAL PRIORITIES OF MULTIDISCIPLINARY MANAGEMENT OF EXTREME FACIOCRAVOSYNOSTOSIS: EXPANDING THE SKULL VERSUS SHUNTING

08H56 (3')
S26.14 RAISED INTRACRANIAL PRESSURE IN PFEIFFERS SYNDROME
N. U. O. Jeevat, A. Khan, A. White, D. Dunaway, R. Hayward

09H00 (3')
S26.15 THE PLACE OF ENDOSCOPIC THIRD VENTRICULOSTOMY IN CHILDREN WITH FACIOCRAVOSYNOSTOSIS
F. Di Rocco, C. Juca, C. Sainte-Rose, E. Arnaud, D. Renier

09H07 (5') DISCUSSION

09H12 (6')
S26.16 CLOVERLEAF CRANIOSYNOSTOSIS AND HYDROCEPHALUS

09H19 (3')
S26.17 THE CHALLENGING SYNDROMIC CRANIOSYNOSTOSIS

09H23 (3')
S26.18 NON-SYNDROMIC COMPLEX CRANIOSYNOSTOSIS
M. Czerwinski, J. Kolar, J. A. Fearon

09H27 (3')
S26.19 SEQUENCE OF CRANIO-FRONTAL RECONSTRUCTION IN SYNDROMIC PANSYNOSTOSIS ASSISTED WITH DRASTIC OSTEOTOMIES AND TISSUE EXPANSION
V. K. Singhal

09H30 (5') DISCUSSION

09H35 (3')
S26.20 MELBOURNE METHOD OF TOTAL VAULT REMODELLING FOR SCAPHOCEPHALY

09H39 (3')
S26.21 RESULTS OF EARLY SURGERY FOR SCAPHOCEPHALY: EVOLUTION OF A TECHNIQUE
M. van Veelen, O. Eekman Rooda, I. Mathijssen, L. van Adrichem

09H43 (3')
S26.22 OUTCOME ANALYSIS OF OUR FIRST 100 CASES OF SPRING ASSISTED SURGERY FOR THE TREATMENT OF SCAPHOCEPHALY
L. R. David, S. Glazier, D. Couture, C. Sanger, L. Argenta

09H46 (4') DISCUSSION

09H50 - 10H20
Coffee break in Exhibition Hall (University Suite)
Posters viewing in Oriel Room
10H00 (5') DISCUSSION

11H00 (5') DISCUSSION

11H05 (3') S27.12 ANALYSIS OF BRAIN MALFORMATIONS IN SYNDROMIC CRANIOSYNOSTOSIS AND PSYCHOLOGICAL DEVELOPMENT
J. M. G. Florisson, M. Malepaard, M. Lequin, I. M. J. Mathijssen

11H08 (3') S27.13 THE IMPACT OF THE AGE OF SURGERY ON LONG-TERM NEUROPSYCHOLOGICAL OUTCOMES IN SAGITTAL CRANIOSYNOSTOSIS
A. Patel, D. Bridgett, J. A. Persing

11H12 (3') S27.14 NEURODEVELOPMENTAL FUNCTIONING AND GENOTYPE IN INFANTS WITH ISOLATED CRANIOSYNOSTOSIS

11H15 (3') S27.15 COGNITIVE DEVELOPMENT AND PSYCHOLOGICAL OUTCOMES IN CHILDREN WITH NON-SYNDROMIC, SINGLE-SUTURE CRANIOSYNOSTOSIS: ASSESSING 3 YEAR OLDS POST-SURGICAL INTERVENTION
H. Care, M. Knapp, J. Reed, C. Godber, D. Hearst

11H19 (3') S27.16 POST-OPERATIVE NEUROPSYCHOLOGICAL OUTCOMES DURING INFANCY AND EARLY CHILDHOOD IN ISOLATED CRANIOSYNOSTOSIS

11H22 (3') S27.17 PSYCHIATRIC DISORDERS IN 86 TRIGONOCEPHALY PATIENTS

11H25 (5') DISCUSSION

11H30 (3') S27.18 SQUAMOSAL SUTURE SYNOSTOSIS: AN UPDATE ON A CAUSE OF ATYPICAL SKULL ASYMMETRY

11H33 (3') S27.19 PROGRESSIVE MULTISUTURE SYNOSTOSIS AND PAPILLODEMA FOLLOWING METOPTIC CRANIOSYNOSTOSIS REPAIR
P. P. Sun, S. T. Koseoglu, B. A. Toth

11H37 (3') S27.20 INTRACRANIAL DEFORMITIES IN METOPTIC SYNSOSTOSIS
J. van der Meulen, J. van der Vlugt, A. Stolwijk, H. E. Creemers, J. J. N. M. Meulen van der, C. R. Forrest, D. Chong

11H41 (3') S27.21 LATE CRANIAL VAULT EXPANSION BY DISTRACTION FOR SYMPTOMATIC CEPHALOCRANIAL DISPROPORTION
A. D. Denny

11H44 (3') S27.22 SPRING ASSISTED POSTERIOR VAULT DISTRACTION FOR RAISED INTRACRANIAL PRESSURE – A REVIEW OF OUR FIRST YEAR’S WORKLOAD OF 15 CASES

11H47 (5') DISCUSSION

11H52 (3') S27.23 DOES THE INCIDENCE OF TRAUMATIC BRAIN INJURY IN CHILDREN INCREASE FOLLOWING CRANIOFRONTAL SURGERY?
M. S. Giaridino, S. Jandali, L. A. Whitaker, S. P. Bartlett

11H55 (3') S27.24 PERIOPERATIVE CORTICOSTEROID REDUCES HOSPITAL STAY FOLLOWING FRONTO-ORBITAL ADVANCEMENT
**11H59 (3')**  
**S27.25**  
THE ORIGIN OF TEMPORAL HOLLOWING  
J. van der Meulen, J. Willemsen, J. van der Vlugt, P. Nazir, L. van Adrichem, E. Ongkosuwito, I. Mathijsen, M. Vaandrager

**12H02 (3')**  
**S27.26**  
DEVELOPMENT OF A NOVEL ADHESIVE RESORBABLE PLATING SYSTEM FOR CRANIOFACIAL RECONSTRUCTION: ANALYSIS OF FRONTAL AND ORBITAL OSTEOLOGY FIXATION  

**12H05 (3')**  
**S27.27**  
THE ORIGIN OF TEMPORAL HOLLOWING  
J. van der Meulen, J. Willemsen, J. van der Vlugt, P. Nazir, L. van Adrichem, E. Ongkosuwito, I. Mathijsen, M. Vaandrager

**12H08 (7') DISCUSSION**

**12H15 - 13H30**  
Lunch break in Exhibition Hall (University Suite)  
Posters viewing (Oriel Room)

**13H30 - 14H00**  
**S28**  
IMAGING  
Chairpersons: J. Persing (USA), A. Stratoudakis (Greece)

**13H31 (3')**  
**S28.1**  
A VIRTUAL SURGICAL ATLAS FOR THE TREATMENT OF CRANIOSYNOSTOSIS. PART I – THREE-DIMENSIONAL DIGITAL MODELING OF CRANIOSYNOSTOSIS DEFORMITIES  

**13H34 (3')**  
**S28.2**  
A VIRTUAL SURGICAL ATLAS FOR THE TREATMENT OF CRANIOSYNOSTOSIS. PART II – SURGICAL ANIMATIONS  
R. L. Flores, A. Oliker, J. G. McCarthy

**13H38 (3')**  
**S28.3**  
QUANTITATIVE EVALUATION OF CRANIOFACIAL SURGICAL OUTCOMES IN METOPIC CRANIOSYNOSTOSIS WITH THREE-DIMENSIONAL PHOTOGRAPHY  

**13H42 (3')**  
**S28.4**  
THREE DIMENSIONAL PHOTOGRAPHIC COMPARISON OF EARLY POST-OPERATIVE FACIAL AND FOREHEAD SYMMETRY IN PATIENTS WITH UNILATERAL CORONAL SYNOSTOSIS: FRONTO-ORBITAL ADVANCEMENT VS. SUITURECTOMY AND HELMET THERAPY  
S. P. K. Tan, M. R. Proctor, J.B. Muliken, G. F. Rogers

**13H46 (3')**  
**S28.5**  
MEASURING CRANIAL VAULT VOLUME WITH 3D PHOTOGRAPHY: A NOVEL APPROACH TO QUANTITATIVELY EVALUATING OUTCOMES IN SURGERY FOR CRANIOSYNOSTOSIS  

**13H49 (5') DISCUSSION**

**13H54 (3')**  
**S28.6**  
CT SCANS IN THE MANAGEMENT OF NON-SYNDROMIC SINGLE SUTURE CRANIOSYNOSTOSIS: INCIDENTAL FINDINGS AND ROLE IN MANAGEMENT  
C. R. Forrest, B. Rechner

**13H58 (3')**  
**S28.7**  
DIAGNOSTIC PAEDIATRIC CT SCANS OF THE HEAD: ACTUAL DOSAGE VS. ESTIMATED RISK  
D. Jaffurs, A. D. Denny

**14H02 (3')**  
**S28.8**  
COMPREHENSIVE MORPHOLOGIC ANALYSIS OF CRANIOSYNOSTOSIS  
L. F. Domeshhek, M. Schoemann, A. Harijan, S. Saba, S. Mukundan, J. Van Aalst, J. Marcus

**14H06 (3')**  
**S28.9**  
THREE-DIMENSIONAL VOLUMETRIC APPROACH TO EVALUATING THE MORPHOLOGY AND QUANTIFYING THE AIRWAY SPACE IN CRANIOFACIAL ANOMALIES  
G. Captier, P. A. Diner, M. Bigorre, C. Bauml, A. Picard

**14H10 (3')**  
**S28.10**  
ANATOMIC STUDY OF THE MAXILLO-MANDIBULAR RELATIONSHIP IN HUMAN FETUSES: INTRODUCTION TO A PRENATAL CEPHALOMETRY  
G. Captier, J. Fauve, M. Bauml, F. Canovas, F. Bonnel, J. Daures

**14H13 (3') DISCUSSION**

**14H20 - 15H20 PLENARY ROOM**  
**S29-A**  
SCIENCE AND RESEARCH PART 1  
Chairpersons: A. Wilkie (U.K.), M. Longaker (USA)

**14H20 (6')**  
**S29-A.1**  
USE OF RHBMP-2 AND MASTERGRAFT (TM) IN THE REPAIR OF CRANIAL DEFECTS IN CHILDREN  
D. G. Genecov, C. R. Barceló, B. E. Weprin, L. R. Opperman

**14H27 (3')**  
**S29-A.2**  
INKET BASED BIO-PATTERNING OF BMP2 AND NOGGIN TO SPATIALLY CONTROL BONE FORMATION IN VIVO  
M. R. Bykowski, G. M. Cooper, E. D. Miller, E. L. Lensie, G. E. DeCesare, A. Usas, J. Huard, L. E. Weiss, J. E. Losee, P. G. Campbell

**14H30 (3')**  
**S29-A.3**  
THE DIFFERENTIAL EFFECTS OF BMP-2 AND 9 IN CRITICAL-SIZED, MURINE CRANIAL DEFECTS  
I. A. Seitz, L. Spiguel, C. M. Teven, C. Wielotht, M. Januzek, R. Hayden, H. H. Luu, T. He, R. R. Reid

**14H34 (3')**  
**S29-A.4**  
RHBMP-2 INDUCES BONE FORMATION IN LARGE CRANIAL DEFECTS IN THE PRESENCE OF REPAIRED DURA MATER  
L. A. Opperman, D. He, M. Herbert, R. Barceló, M. E. Etsalat, B. E. Weprin, D. G. Genecov

**14H37 (3')**  
**S29-A.5**  
BMP-2-BASED REGENERATION OF LARGE-SCALE CALVARIAL DEFECTS FOLLOWING SEVERE SURGICAL SITE INFECTION IN RABBITS  

**14H40 (5') DISCUSSION**

**14H45 (6')**  
**S29-A.6**  
CRANIOSYNOSTOSIS: CLINICAL INSIGHTS AND IDENTIFICATION OF POTENTIALLY NEW ASSOCIATED LOCI  

**14H51 (3')**  
**S29-A.7**  
THE ROLE OF ANK AND INORGANIC PYROPHOSPHATES IN BONE REMODELING AND OSTEOCLASTIC ACTIVITY: CELLULAR AND MOLECULAR BASIS OF CRANIOMETAPHYSICAL DYSPLASIA  
H. Nah, S. Abdelmagid, A. Zajac, J. Imad, M. A. Radecki
### 14H55 (3')
S29.A.8  FRONTALRHINY, A DISTINCTIVE PRESENTATION OF FRONTALONAL DYSPLASIA CAUSED BY RECESSIVE MUTATIONS IN THE ALX3 HOMEOBOX GENE

### 15H03 (6')
S29.A.9  TISSUE TURNOVER IN THE XENOPUS LAEVIS SKULL DURING METAMORPHOSIS
B. J. Slater, K. J. Liu, N. Quarto, M. D. Kwan, M. T. Longaker

### 15H16 (4')
S29.A.10  PROGENITOR CELL MOBILIZATION ENHANCES BONY HEALING VIA IMPROVED NEOVASCULARIZATION AND OSTEOREGENESIS

### 15H20 – 15H50
Coffee break in Exhibition Hall (University Suite)
Posters viewing in Oriel Room

### 15H50 - 17H05
PLENARY ROOM

#### S29-B
SCIENCE AND RESEARCH PART 2
Chairpersons: A. Wilkie (U.K.), M. Longaker (USA)

#### 15H50 (3')
S29.B.1  HUMAN ADIPOSE-DERIVED STROMAL CELLS ELABORATE AND RESPOND TO BONE MORPHOGENETIC PROTEIN-2 (BMP-2) DURING IN VITRO OSTEOREGENETIC DIFFERENTIATION
D. M. Gupta, N. J. Panetta, D. C. Wan, M. T. Longaker

#### 15H54 (6')
S29.B.2  TISSUE-HARVEST PROCEDURE HAS NO EFFECT ON ADIPOSE-DERIVED STROMAL CELL-MEDIATED BONE TISSUE ENGINEERING IN VITRO
N. J. Panetta, D. M. Gupta, M. D. Kwan, D. C. Wan, G. W. Commons, M. T. Longaker

#### 16H00 (3')
S29.B.3  RAPID AND EFFICIENT FEEDER-FREE GENERATION OF HUMAN ADIPOSE STROMAL CELL-DERIVED INDUCED PLURIPOTENT STEM CELLS (HASC-IPSCS)
N. J. Panetta, D. M. Gupta, N. Sun, K. D. Wilson, A. Lee, F. J. Jia, R. C. Robbins, M. T. Longaker, J. C. Wu

#### 16H04 (5')
S29.B.4  IRF6 AS A DOWNSTREAM EFFECTOR OF TGFBETA3 SIGNALING IN PALATOGENESIS: IN UTERO SOMATIC DELIVERY OF AD-IRF6 RESCUES THE PALATAL FUSION DEFECT IN TGFBETA3/-/- MICE
C. Wu, G. Lakin, B. H. Yang, I. Salhab, R. E. Kirschner, H. D. Nah

#### 16H16 (6')
S29.B.5  CHEMICAL RESCUE OF CLEFT PALATE AND MIDLINE DEFECTS IN CONDITIONAL GSK-3BETA MICE
K. J. Liu, J. R. Arron, K. Stankunas, G. R. Crabtree, M. T. Longaker

#### 16H23 (3')
S29.B.6  ALTERNATIVEs OF ALVEOPLASTY: PERIODONTAL REGENERATION AFTER REPAIRED MAXILLA ALVEOLAR BONY DEFECT BY ENGINEERED AUTOLOGOUS BONE MARROW MESENCHYMA1 STEM CELLS
H. Chao, T. Lin, H. Chung, S. Chang

#### 16H27 (3')
S29.B.7  EFFECTS OF CRITICAL PALATAL BONE DEFECT ON CRANIOFACIAL GROWTH IN A RAT MODEL
B. Bahuleyan, K. Chadapirala, A. Gallego, E. Jolley, J. Godel, C. Huang, F. Garcia-Goed, E. J. Stelnick

#### 16H30 (6')
S29.B.8  DEVELOPMENT OF NEW SYNTHETIC BONE BY USING OF ELECTRON BEAM IRRADIATION ON THE HYDROXYAPATITE AND TRICALCIC PHOSPHATE MIXTURES
S. M. Kim, J. M. Park, M. Y. En, J. H. Lee

#### 16H34 (3')
S29.B.9  COMPOSITE TISSUE ENGINEERING SOLUTIONS FOR CRANIOFACIAL DEFECTS

#### 16H37 (3')
S29.B.10  COMBINATION OF GUIDED OSTEOREGENESIS WITH INJECTABLE AUTOLOGOUS PLATELET-RICH FIBRIN GLUE (PRFG) AND MESENCHYMAL STEM CELL FOR RECONSTRUCTION OF MANDIBULAR DEFECTS

#### 16H51 (3')
S29.B.11  REGIONAL DIFFERENCES IN NEURAL CREST AND PARAXIAL MESODERM-DERIVED CALVARIAL BONE HEALING EXIST, PERSIST WITH AGE, AND ARE ASSOCIATED WITH DIFFERENTIALLY ACTIVATED WNT SIGNALING
N. J. Panetta, D. M. Gupta, N. Quarto, B. Behr, M. D. Kwan, M. T. Longaker

#### 16H55 (3')
S29.B.12  LARGE SCALE MEMBRANOUS BONE REPAIR ENGINEERED BY TRICALCIUM PHOSPHATE AND GELATIN-SANDWICHED SCAFFOLD AND BONE MARROW MESENCHYMAL STEM CELLS
H. Chung, F. Lin, T. Lin, S. Chang

#### 16H58 (7')
S29.B.13  COMPLEX TISSUE ENGINEERING SOLUTIONS FOR CRANIOFACIAL DEFECTS

#### 19H30 – 21H00
OXFORD UNIVERSITY MUSEUM OF NATURAL HISTORY
CONGRESS RECEPTION
WEDNESDAY 30TH SEPTEMBER 2009

08H00 - 09H20 PLENARY ROOM

S30 MONOBLOC, MIDFACE, DISTRACTION
Chairpersons: J. Polley (USA), D. Dunaway (U.K.), P. Dogliotti (Argentina)

08H00 (3')
S30.1 OCULAR MOVEMENT IN MONOBLOC DISTRACTION SURGERY

08H04 (3')
S30.2 REOSSIFICATION OF CRANIUM AND ZYGOMATIC ARCH AFTER MONOBLOC FRONTOFACIAL DISTRACTION ADVANCEMENT FOR SYNDROMIC CRANIOSYNOSTOSIS
A. Oyama, D. Renier, D. Marchac, E. Arnaud

08H07 (3')
S30.3 REFINING AESTHETIC OUTCOMES IN FRONTOFACIAL ADVANCEMENT BY DISTRACTION
D. J. Dunaway, T. Lloyd, R. D. Evans, J. Britto, B. M. Jones, R. D. Hayward

08H10 (6')
S30.4 COMBINED DISTRACTION, TRACTION AND CONTRACTION IN EXTREME FACIOCRANIOSYNOSTOTIC INFANTS
E. Arnaud, F. Di Rocco, P. Meyer, D. Renier

08H16 (6') DISCUSSION

08H21 (6')
S30.5 SUB-CRANIAL LE FORT III MAXILLARY ADVANCEMENT WITH INTRAORAL DEVICES
C. A. Guerrero, M. Gonzalez

08H27 (3')
S30.6 OUTCOMES OF SYNDROMIC CRANIOSYNOSTOSIS TREATMENT WITH EXTERNAL DEVICES BASED ON SURGICAL TECHNIQUE AND VECTOR DIRECTION
N. Alonso, D. C. Goldenberg, H. Matsushita, E. O. Bastos, M. C. Ferreira

08H31 (3')
S30.7 OUR PREFERENCE OF DISTRACTION DEVICE FOR LE FORT III USING ZYGOZA-ZYGOZA TYPED INTERNAL DEVICE AND TRANSFACIAL PINNING SYSTEM IN OUR SYNDROMIC CRANIOSYNOSTOSIS SERIES
K. Satoh, N. Mitsukawa, K. Kadomatsu, Y. Kanazawa

08H35 (3')
S30.8 A COMPARISON OF INTERNAL AND EXTERNAL DISTRACTION IN THE MANAGEMENT OF MID-FACIAL DEFICIENCY IN PATIENTS WITH SYNDROMIC CRANIOSYNOSTOSES
A. A. C. Heggie, A. D. Holmes, A. L. Greensmith

08H38 (5') DISCUSSION

08H43 (6')
S30.9 MULTI-DIRECTIONAL CRANIOFACIAL DISTRACTION OSTEGENESIS (MCDO) METHOD FOR THE TREATMENT OF CRANIOSYNOSTOSIS
Y. Sugawara, H. Uda, S. Sarukawa, A. Sunaga

08H49 (3')
S30.10 ENDOSCOPICALLY ASSISTED LEFORT III OSTETOMY USING AN ULTRASONIC SCALPEL—A FEASIBILITY STUDY IN CADAVERS
J. A. Taylor, D. C. Jones, R. A. Maercks, C. B. Gordon

08H53 (3')
S30.11 VOLUMETRIC AIRWAY CHANGES FOLLOWING LE FORT III ADVANCEMENT IN SYNDROMAL CRANIOSYNOSTOSIS PATIENTS

08H56 (3')
S30.12 PALATAL SPLIT FOR UPPER AIRWAY OBSTRUCTION
W. J. Flapper, P. J. Anderson, D. J. David

08H59 (5') DISCUSSION

09H04 (3')
S30.13 HEALTH RELATED QUALITY OF LIFE OF CHILDREN WITH A SYNDROMIC CRANIOSYNOSTOSIS AND THEIR PARENTS
M. Malepeaard, N. Bannink, I. M. J. Mathijssen

09H08 (3')
S30.14 AUDIOLOGIC FINDINGS IN SAETHRE-CHOTZEN SYNDROME
H. Rosen, B. Andrews, J. B. Mulliken, J. G. Meara, G. F. Rogers

09H12 (3')
S30.15 RELIABLY PREDICTING OSA IN COMPLEX AND SYNDROMIC CRANIOSYNOSTOSIS
I. Mathijssen, N. Bannink, K. Joosten

09H15 (5') DISCUSSION

09H20 - 09H40 PLENARY ROOM

S31-A TRAUMA PART 1
Chairpersons: J. Gruss (USA), N. Alonso (Brazil)

09H20 (6')
S31.A.1 179 MANDIBLE FRACTURES IN 96 CHILDREN: DEMOGRAPHICS, TREATMENT, EARLY OUTCOMES, AND A PROSPECTIVE ANALYSIS OF GROWTH AND DEVELOPMENT

09H26 (3')
S31.A.2 RECONSTRUCTION OF VARIOUS MANDIBULAR DEFECTS USING BONE TRANSPORT DISTRACTORS, A STUDY OF 44 CASES

09H30 (3')
S31.A.3 DYNAMIC DISTRACTION TREATMENT FOR MANDIBULAR CONDYLAR FRACTURE USING INTERNAL DISTRACTION DEVICE
Y. Watanabe, T. Akizuki, K. Yashimu, K. Agawa, T. Ota, T. Osawa, R. Sasaki

09H34 (3')
S31.A.4 COMPARISON OF FUNCTIONAL OUTCOME OF ABSORBABLE AND TITANIUM PLATE FIXATION IN MANDIBULAR FRACTURE-A ONE YEAR PROSPECTIVE STUDY

09H37 (3') DISCUSSION

09H40 - 10H10
Coffee break in Exhibition Hall (University Suite)
Posters viewing in Oriel Room

10H10 - 11H15 PLENARY ROOM

S31-B TRAUMA PART 2
Chairpersons: J. Gruss (USA), D. Goldenberg (Brazil)

10H10 (6')
S31.B.1 COMPLEX ACQUIRED ORBITAL ANOPHTALMOSIS : 100 CASES
E. Sorrel Dejerine
26-30 September 2009, Barceló Hotel, Oxford, UK

ISCFS XIII Biennial International Congress
Incorporating the Paris Distraction Symposium

Wednesday 30th September 2009

10H16 (3')
S31.B.2 CONSECUTIVE CASE REVIEW OF THE LINEAR-TYPE BLOWOUT FRACTURE
H. Yano, A. Hirano

10H20 (3')
S31.B.3 MANAGEMENT OF FACIAL FRACTURES WITH CONCOMITANT BRAIN INJURIES
Y. Chen, H. Liao, C. Chen, C. Chen

10H24 (3')
S31.B.4 ANTERIOR SKULL BASE FRACTURES: A PHILOSOPHY OF CARE
M. Galile, R. Tieghl, L. Clauser

10H27 (5')
DISCUSSION

10H32 (3')
S31.B.5 THE SPECTRUM OF PAEDIATRIC FACIAL FRACTURES: INJURY PATTERNS, ASSOCIATED INJURIES, AND OUTCOMES IN 782 CONSECUTIVE PATIENTS WITH SEVERE AND NON-SEVERE INJURIES

10H38 (3')
S31.B.6 MILD TRAUMATIC BRAIN INJURY (MTBI) IN CHILDREN AND ADOLESCENTS: CAN FACIAL FRACTURE PATTERN HELP TO PREDICT PATIENTS AT RISK?

10H42 (3')
S31.B.7 SEVERE PAEDIATRIC ORBITAL FRACTURES – TREATMENT AND FOLLOW-UP
D. J. Nowinski, E. Arnaud, F. Di Rocco, T. Roujeau, D. Renier

10H46 (3')
S31.B.8 ADVERSE OUTCOMES IN PAEDIATRIC FACIAL FRACTURES
S. Rottgers, G. DeCesare, M. Chao, D. Smith, S. Naran, M. Bykowski

10H49 (5')
DISCUSSION

10H54 (3')
S31.B.9 TOWARDS AN ANATOMICAL RECONSTRUCTION OF LARGE CRANIAL DEFECTS USING PEEK CUSTOM-MADE IMPLANTS
F. Lauwers, F. Jaubert, F. Boutault, S. Boetto, E. Schmidt, F. Roux

10H58 (3')
S31.B.10 NEOPLASM OF CRANIOFACIAL SKELETON IN CHILDHOOD: DIAGNOSIS AND TREATMENT
M. Zama, L. Santecchia, G. Spuntarelli, U. Urbani, F. Magiulli

11H02 (3')
S31.B.11 CRANIOFACIAL SURGICAL ONCOLOGY IN ADULTS & CHILDREN: CONTRASTS IN MANAGEMENT PHILOSOPHY & EXPERIENCE
J. A. Britto, J. Pollock, A. Maheshwar, B. Hartley, R. D. Hayward, J. D. Junaway

11H06 (3')
S31.B.12 COMPUTER GENERATED HARD TISSUE REPLACEMENT (HTR) IMPLANTS FOR RECONSTRUCTION OF COMPLEX PAEDIATRIC CRANIAL DEFECTS
C. R. Forrest, D. Peters

11H09 (6')
DISCUSSION

11H15 - 12H05
PLENARY ROOM

11H15 (3')
S32.1 EXCISION OF ORBITAL TUMORS USING HORIZONTAL Y INCISION AND LATERAL ORBITOTOMY
M. D. Pereira, P. G. Manso, L. Paves, A. Woloosker, L. M. Ferreira

11H19 (3')
S32.2 NOT ALL ORBITS ARE ALIKE - IN SEARCH OF MORPHOLOGICAL PARAMETERS MAKING ORBITAL DECOMPRESSION PROCEDURES FOR THYROID EYE DISEASE MORE PREDICTABLE
B. Hammer, L. Kamer, H. Noser

11H23 (3')
S32.3 CRANIOFACIAL NEOFIBROMA
M. Mckinnon

11H27 (3')
S32.4 STRATEGIES FOR A SAFE SURGICAL MANAGEMENT OF HIGH FLOW VASCULAR MALFORMATIONS
D. C. Goldenberg, J. C. Caldas, F. Puglia, N. C. Alonso, E. D. Bastos, M. C. Ferreira

11H31 (3')
S32.5 CRANIOFACIAL FIBROUS DYSPLASIA: REMODELING SURGERY USING THE DYSPLASTIC BONE

11H34 (5')
DISCUSSION

11H39 (6')
S32.6 APPROACH TO ANTERIOR SKULL BASE TUMOURS
H. J. Jaju

11H46 (3')
S32.7 SUBCRANIAL APPROACH FOR ANTERIOR SKULL BASE TRAUMA AND TUMORS
S. Heredero, A. Dean, J. Solivera, F. Alamillos

11H50 (3')
S32.8 A LATERAL APPROACH AT UPPER CORNER OF ORBIT IN FRONTO-ORBITAL FIBROUS DYSPLASIA: LESS INVASIVE AND MORE EFFECTIVE APPROACH FOR MORPHOLOGICAL RECONSTRUCTION AND OPTIC FUNCTIONAL RESTORATION

11H54 (3')
S32.9 THE INTERNAL MAMMARY ARTERY COMBINED FLAP FOR CRANIOFACIAL RECONSTRUCTION
Y. Takeichi, T. Hiroyuki, Y. Hiramatsu, M. Katoh, K. Yokoo

11H57 (7')
DISCUSSION

12H05 - 12H55
PLENARY ROOM

12H05 (3')
S33 AESTHETIC SURGERY
Chairpersons: L. Whittaker (USA), K. Satoh (Japan)

12H05 (3')
S33.1 SURGICAL RESTORATION OF ORBITAL VOLUME IN THE AGED ENOPHTHALMIA, AN INTERFACE BETWEEN AESTHETIC AND CRANIOFACIAL TECHNIQUES
J. M. Chavanne

12H09 (3')
S33.2 ORBITAL EXPANSION IN FACIAL REJUVENATION SURGERY. A STIMULUS TO CORRECT ENOPHTHALMOS?
J. M. Chavanne, D. M. Steinberg, D. A. Lovera
12H13 (3')
S33.3 A GRADED APPROACH TO ORBITAL EXPANSION IN CONGENITAL MICROPHTHALMIA USING OSMOTIC EXPANDERS AND DERMIS FAT GRAFTS
W. R. Katowitz, J. A. Katowitz

12H17 (3')
S33.4 REDUCTION MALARPLASTY USING WEDGE-SECTION OSTEOTOMY IN ASIAN AESTHETIC FACIAL CONTOURING: COMPARED STUDY WITH CONVENTIONAL PROCEDURES

12H21 (3')
S33.5 SUBPERIOSTEAL REJUVENATION OF THE MIDFACE AND PERIORBITAL AREA - A 19 YEAR EXPERIENCE
C. Hobar

12H24 (5') DISCUSSION

12H29 (3')
S33.6 VERTICAL OPTIMIZATION OF THE FACE WITH GENIOPLASTY
C. Hobar

12H33 (3')
S33.7 BINDER SYNDROME: A 30 YEAR REVIEW
N. R. McLean, S. Chummun, T. Al-Bulushi, P. J. Anderson, M. Nugent, D. J. David

12H37 (3')
S33.8 SINGLE-SPLINT ORTHOGNATHIC SURGERY AND ITS APPLICATION ON TREATING FACIAL ASYMMETRY
Y. Chen

12H41 (3')
S33.9 AESTHETIC REDUCTION SURGERY FOR ZYGOMA AND MANDIBULAR ANGLE: AN OUTCOME ASSESSMENT
B. Choi, L. Lo

12H45 (3')
S33.10 MASCU LINIZATION OF THE MALE FACE
D. K. Ousterhout

12H48 (7') DISCUSSION

12H55 - 13H00 PLENARY ROOM
S34 CONGRESS CLOSING
WELCOME TO NEW OFFICERS
S. Wall
E. Arnaud
POSTERS

Posters are on display in the Oriel room (ground floor)

P01 TRANSLAMBDOID SPRING-ASSISTED SKULL EXPANSION IN INFANTS
D. Renier, F. Di Rocco, R. Ven, E. Arnaud

P02 MANAGEMENT OF PAEDIATRIC OBSTRUCTIVE SLEEP APNEAS BY DIRECTION OSTEOGENESIS
A. Rachmied, D. Aizenbud

P03 FRONTALFACIAL MONOBLOC DIRECTION UTILISING THE STEALTHSTATION® INTRA OPERATIVE NAVIGATION SYSTEM - “THE ABILITY TO SEE WHERE YOU ARE CUTTING.”
N. U. O. Jeeleani, A. Khan, E. J. Fitzgerald O’Connor, D. Dunaway, R. Hayward

P05 MANDIBULAR DIRECTION OSTEOGENESIS TO RELIEVE PIERRE ROBIN SEVERE AIRWAY OBSTRUCTION IN NEONATES: INDICATION AND OPERATION
W. M. Shen, J. Cui, J. B. Chen, J. J. Zou, Y. Ji

P07 PAEDIATRIC CRANIOFACIAL FRACTURE PATTERNS AND OUTCOMES
R. E. Rubinstein, S. Naran, G. DeCesare, S. Jiang, D. Smith, J. E. Loeze

P08 ORBIT-ZYGOMATIC RECONSTRUCTION WITH A BIOGLASS IN POLYMERIC MATRIX COMPOSITE – A NEW PROSPECT IN BIOMATERIALS – CLINICAL AND TOMOGRAPHIC FINDINGS
C. L. Turner, A. P. Figueiredo, R. L. Orfeice, P. E. Maciel, J. S. F. Barb

P09 ECTOPIC GLIO kneuronal TISSUE IN THE MIDDLE CRANIAL FOSSA REGION
J. S. Gruss, A. Avellino, S. Manning, T. J. Abel

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Citation for Paul Tessier Medal 2009: Professor Linton A Whitaker

Awarded for major contributions to craniofacial care in general and services to the ISCFs in particular.

It is with pleasure that I announce the decision of the ISCFs Council to award a Tessier Medal to Professor Linton Whitaker of the Children's Hospital of Philadelphia and University of PENNSYLVANIA Medical Centre.

This is in recognition of his long-term commitment and contribution to craniofacial care over many years. He is noted for substantial contributions in surgical technique, research and particularly education (with 222 Scientific papers and co-author of 6 Textbooks). He was the founder of the Craniofacial Programme at CHOP in 1972 with the subsequent implementation of the Philadelphia Fellowship programme in 1975. This has contributed to the education and training of a substantial number (39) of currently practicing Craniofacial Surgeons on an international basis.

Professor Whitaker’s award is also in recognition of his contribution to the ISCFs structure in terms of the financial management of the organisation from 1993. The official title of Chief Financial Officer was conferred on him by the society in 1997. As a result of his stewardship during this tenure, the ISCFs has achieved a robust financial status despite the financial challenges throughout the period and particularly in the last few years.

As current President, I would like to extend congratulations to Professor Whitaker on behalf of our ISCFs membership, as well as express heartfelt thanks for both his achievements and commitments in the past and the anticipated ongoing contributions for the future.

Steven Arthur Wall,
MBCh (rand) FRCS FRCPC FCS (SA) plast
ISCFS President, 2007-2009