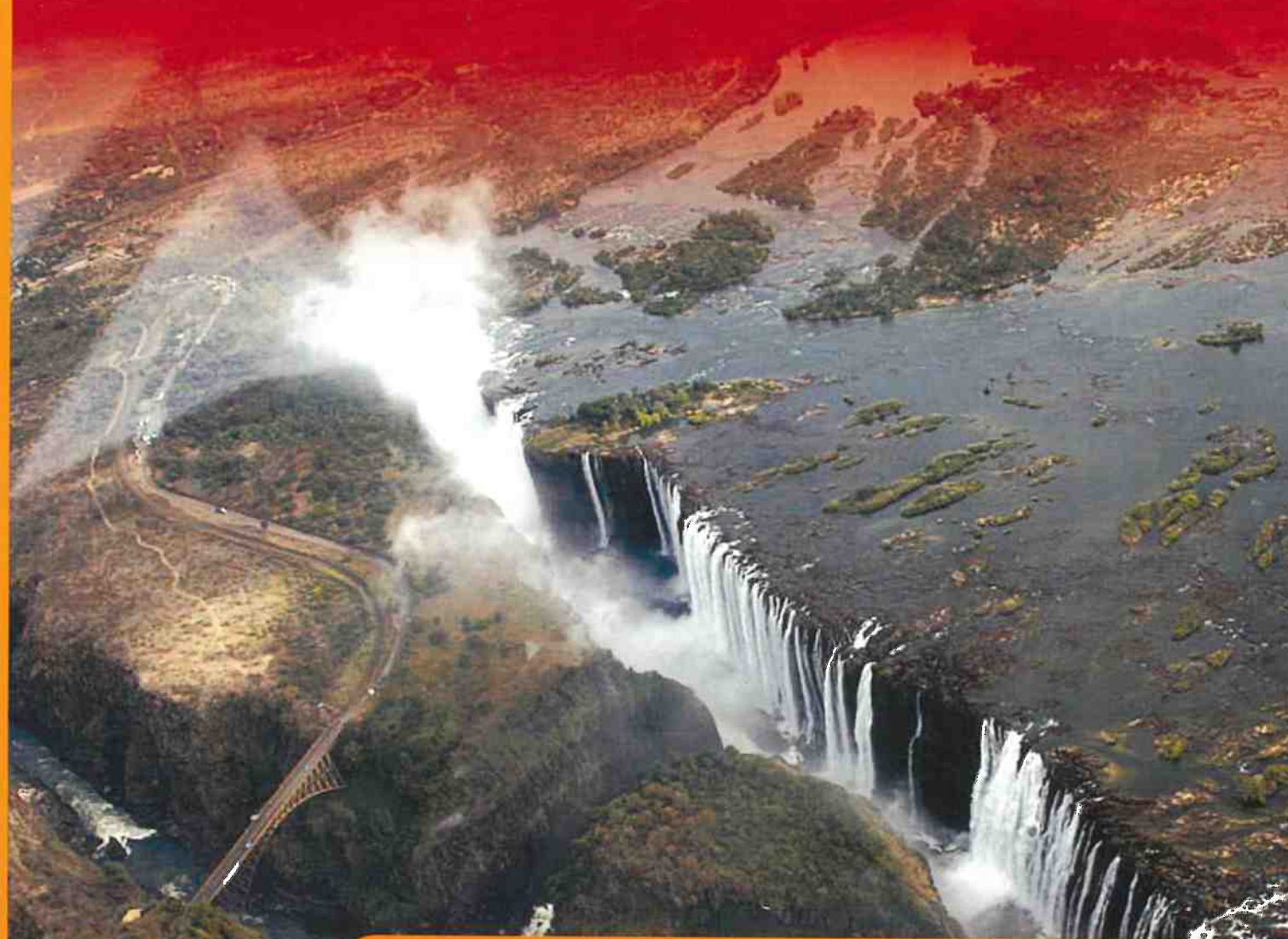




ISCFS XIV Biennial International Congress



27 August-01 September 2011
Livingstone, Zambia



CONGRESS PROGRAM
44 YEARS ON A CRITICAL AUDIT AND FUTURE STRATEGIES

www.iscfs.org

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FOREWORD

On behalf of the Executive Committee we are delighted to be hosting the 14th ISCFS Congress this year in Africa. It is the first time the congress is being hosted in Africa and we have chosen a spectacular venue in the Victoria Falls, Zambezi River and the surrounding areas. The congress has been structured as one plenary session for the duration in order to facilitate the exchange of ideas and perspectives. This will provide a forum to discuss and debate the various aspects of our field. This year's congress promises to stimulate all of those working in the field of craniofacial surgery. So to all the delegates, I am grateful for the opportunity to welcome you to Zambia, so that you may have the opportunity to experience the African culture and hospitality.



Prof A Madaree
ISCFS 2011 Congress Chair

ISCFS COMMITTEE



Anil Madaree
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Scott Bartlett
Vice President
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CONGRESS COMMITTEE

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Anil Madaree

Scientific Programme

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Jim Bradley
Arun Gosain
Anil Madaree
John Persing
Steven Wall

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Kanishige Satoh

Secretariat

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ENDORSEMENTS

| | |
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| American Cleft Palate-Craniofacial Association | www.acpa-cpf.org |
| Asian Pacific Craniofacial Association | |
| Association of Plastic and Reconstructive Surgeons of Southern Africa | www.aprssa.co.za |
| Australian Society of Plastic Surgeons | www.plasticsurgery.org.au |
| British Association of Plastic Reconstructive and Aesthetic Surgeons | www.bapras.org.uk |
| European Plastic Surgery Research Council | www.epsrc.eu |
| European Society of Craniofacial Surgery | www.escfs.org |
| European Society of Plastic, Reconstructive and Aesthetic Surgery | www.espras.org |
| International Confederation for Cleft Lip and Palate and Related Craniofacial Anomalies | www.int-confed-cpca.org |
| International Society of Aesthetic Plastic Surgery | www.isaps.org |
| International Society of Plastic Reconstructive and Aesthetic Society | www.ipras.org |
| Professor Graewe | www.dr-graewe.com |
| Zambian Provincial Administration | |

COMMERCIAL SUPPORTERS

KLS MARTIN GROUP

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.

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| Phone | : +49 7461 7060 |
| Fax | : +49 7461 706193 |
| E-mail | : info@klsmartin.com |
| Web Site | : www.klsmartin.com |
| Address | : Ludwigstaler Str. 132, 78532 Tuttlingen, Germany |

BIOMET MICROFIXATION

Biomet Microfixation is a leading developer and manufacturer of advanced craniomaxillofacial products. Innovative products include our Trauma One facial fracture fixation and reconstruction system and the TMJ OnPoint 1.2mm Scope System. Other products include our TMJ Joint Replacement System, LactoSorb®, Distraction Devices, bone replacement systems, plus a full armamentarium of Fixation Systems and Instrumentation.

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| 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 |

3dMD

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.

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| Web Site | : www.3dMD.com |
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ProtoMED, Inc.

ProtoMED, Inc. provides patient-specific models made from your patient's CT scan. These highly accurate models serve as the ultimate tool for hands-on treatment planning for cranial and maxillofacial reconstruction as well as the preparation of patient-specific implants.

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| Web Site | : www.protomed.net |
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PLATINUM SPONSOR

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GROUP

CONGRESS INFORMATION

VENUE

The congress will be held at the Zambezi Sun Hotel, Livingston, Zambia in the Conference Centre Elephant and Giraffe Meeting Room.

DATES

| | | |
|-----------|------------------|------------------------------------|
| Sunday | 28 August 2011 | Pre congress workshop |
| Monday | 29 August 2011 | Congress and Exhibition |
| Tuesday | 30 August 2011 | Day at leisure |
| Wednesday | 31 August 2011 | Congress and Exhibition |
| Thursday | 1 September 2011 | Congress and Exhibition (Half day) |

LANGUAGE

The official language of the congress is English.

EXHIBITION

The exhibition is open to all registered congress participants and is held in the Conference Centre Pre-Assembly Area and refreshment Breaks will be held in this area on Congress days.

| | | |
|-----------|---------------|--|
| Set up | 12h00 – 17h00 | Saturday 27 August 2011 |
| Show Days | 08h00 – 17h00 | Sunday 28 August – Thursday 1 September 2011 |

POSTER SESSION

The poster can be installed on Saturday 27 August 2011 between 15h00 and 18h00 or Sunday 28 August 2011 between 08h00 and 17h00. Prestick and/or double-sided tape will be available at the Registration Desk.

Posters will be on display for congress delegates and can be viewed as follows:

| | | |
|-------|---------------|--|
| Venue | Lion Room | Zambezi Sun Hotel, Conference Centre |
| Hours | 08h00 – 17h00 | Saturday 27 August – Thursday 1 September 2011 |

All posters must be removed on Thursday 1 September 2011 by no later than 15h00 and please be advised that the organisers are not responsible for any loss or damage to those posters that are not removed by authors. Posters that are not removed by the authors will be automatically destroyed.

REGISTRATION

Please visit the Registration desk for information relating to the Congress, Accommodation, Social Functions, Transfers and Tours as follows:

| | | |
|-------|---------------|--|
| Venue | Zebra Room | Zambezi Sun Hotel, Conference Centre |
| Hours | 07h00 – 17h00 | Saturday 27 August – Thursday 1 September 2011 |

Should you loose anything, please report this to the registration desk for assistance and any items found to be handed in to the registration desk.

ACCOMMODATION

Official Congress Hotels include The Royal Livingston and Zambezi Sun. Please remember:

- Please check out the morning of your departure prior to attending the congress to avoid any transfer delays
 - 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.
 - If you shorten your stay, no refund will be made of the cancelled pre-paid room nights.
- Cancellations must be notified in writing to the Congress Secretariat and are subject conditions

BADGES IDENTIFICATION

All participants are required to wear their name badge at all time for the duration of the congress for security and access control to the congress and social event venues. Access to congress related activities is subject to your registration. Please report all lost badges to the Registration Desk. If your badge has not been found, its re-issuing will be considered as a new registration. Name substitutions are not accepted and are considered as a new registration.

CATERING FACILITIES

Refreshment Breaks will be held in the Pre-Assembly area where the Exhibition is located. Lunch will be held in the Zambezi Restaurant located near the Conference Centre. Please be advised that all refreshment breaks are for congress participants only and this service will not be available on Tuesday 30 August 2011 when all congress participants have the day at leisure. Accompanying Persons meals will be for their own account daily, except for attendance at official Congress Social Events.

CERTIFICATE OF ATTENDANCE

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

CELLULAR PHONES

Participants are kindly requested as a courtesy to speakers and participants to turn off their mobile phones when entering the meeting rooms and in the official congress area.

CONGRESS BAG

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

DRESS CODE

The official dress code for the congress is Smart Casual for the Congress Attendees.
Formal Black and White for the Gala Dinner.

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.

INTERNET

There are Wi-fi hot spots in all the public areas of the hotels and Conference Centre, but vouchers will need to be purchased from the Reception Desk or Business Centre at each hotel. Both hotels have a business centre with 2 Computers and all Participants can access the internet via these facilities as follows:

| | | |
|-------------------|--|----------------|
| Royal Livingstone | Business Centre is complimentary for Royal Livingstone Guests. | |
| Zambezi Sun | 10min - US\$5 | 30min - US\$10 |
| | 1hr - US\$15 | 2hr - US\$30 |

LIABILITY DISCLAIMER

ISCFS and Organizers 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 Organisers 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.

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 network.

- The dress code will vary according to the type of event.
- Reservation requests will be treated on a first come first served basis.
- Pre-registration to all social events is required. Please be advised that children attending the Congress Social
- Events must have been registered as an Accompanying Person.
- Name badges will be your form of identification to access the venue

SPEAKER PREPERATION

All abstracts, posters and presentations are in English. Authorised speaker presentations will be available on the Official Congress Website for 3 months after the congress. Each speaker should also verify in the final programme that the time of his/her session(s) has not changed. Please also ensure that your presentation is handed over to the technician as soon as possible to ensure that your presentation will run smoothly and is compatible with the set up provided in the congress venue. Companies and participants may copy material for their personal use with prior permission from the presenter; copying for sale or for any other commercial purpose is prohibited.

Speakers can make use of the computers in the Organisers office located at the Conference Centre as follows:

| | | |
|-------|---------------|--|
| Venue | Luangwa Room | Zambezi Sun Hotel, Conference Centre |
| Hours | 08h00 – 17h00 | Saturday 27 August – Thursday 1 September 2011 |

TRANSFERS

Airport Shuttles have been arranged for all Congress Participants, so please check your departure times at Registration. Transportation has been provided to all Official Congress Social Functions.

Pick up point for all transfers will be from the Reception of both the Zambezi Sun Hotel and The Royal Livingston Hotel. There is a complimentary inter-hotel shuttle that can take 6 pax and usually takes a 2-5 minutes drive.

TOURS

A Tours Desk will be located at Registration to assist with any bookings for a variety of Day Tours allowing for different interests. Please be advised that all tours booked will be subject to children's age, may require your passport and will be for your own account to be paid to the tours desk in USD.

PRACTICAL INFORMATION

CLIMATE

Days are dry, sunny and cool to warm (20C - 25C). It gets cooler in the evening and we advise that you bring appropriate clothing. The sun can be very harsh and it is advisable to wear a hat and sunblock. Although it will be winter Malaria is prevalent in the area during the summer months so please take the necessary precautions.

CLINIC

There is a Health Care Clinic located at the Zambezi Sun Hotel with a registered Nurse on 24 Hour Call Operating. hours are from 07h30 to 10h00 and 15h00 to 17h00.

CHILD CARE FACILITIES

Please be advised that there is a facility called Kamp Kwena, located at the Day Activity Centre at Zambezi Sun Hotel, is available to all hotel guests for children between 2 and 13 years where a variety of activities and outings are arranged. Babysitting arrangements can also be made at this facility. Please be advised that these costs will be for your own account.

CURRENCY

The Zambian currency is a Zambian Kwacha although the common form of currency is USD. Banking facilities at Barclays Bank is available at the Day Activity Centre at Zambezi Sun Hotel. Please note that the ATM machine only accepts VISA cards and pays out in Zambian Kwacha.

ELECTRICITY

Electricity used is South African 220 Volts, however the standard in Zambia is Square British Plugs. Adapters are available at hotel reception on request, although all bedrooms have a multiple adapter.

SIGHTSEEING

Please be advised that there is wildlife on the property as the hotels are located within the Mosi-Oa-Tunya wildlife park and the resident animals include Zebras, Giraffes, Impala, Monkeys and Baboons. All wildlife must be approached carefully and you are welcome to take pictures, but DO NOT touch or feed them.

A footpath from both hotels leads to the falls gate approximately 5 minutes from Zambezi Sun and 15 minutes from Royal Livingstone and entry to Victoria Falls is complimentary if you are a resident guest of the resort, so you will need to show your resident card to the security guard at the gate.

LOCATION

Zambia is located in Sub Saharan Africa



PROGRAMME AT A GLANCE

| SATURDAY 27 August 2011 | SUNDAY 28 August 2011 [Pre Congress Workshop] | MONDAY 29 August 2011 | TUESDAY 30 August 2011 | WEDNESDAY 31 August 2011 | THURSDAY 1 September 2011 |
|----------------------------|---|--|---------------------------|--|---|
| | Session 1 : Craniosynostosis [FOAR] | Welcome Session 5 : Basic Science Session 6 (PART1) : Cleft/HFM/Hypertelorism | DAY AT LEISURE | Session 7 (PART3) : Craniosynostosis | Session 12 : Orthognathic Surgery / Orthodontics Session 13 : Reserch Session 14 : Trauma |
| | REFRESHMENT BREAK | | | REFRESHMENT BREAK | |
| | Session 2 : Syndromic Synostoses | Session 6 (PART2) : Cleft/HFM/Hypertelorism | | Session 9 : Distraction | Session : 15 Tumour / Encephaloceles |
| | LUNCHEON | | | LUNCHEON | |
| Game Drive | Session 3 : Distraction and Osteotomies | EXCO Committee Meeting Session 6 (PART3) : Cleft / HFM / Hypertelorism Session 7 (PART1) : Craniosynostosis | | Session 10 : Genetics Session 8 (PART2) : Miscellaneous | |
| | REFRESHMENT BREAK | | | REFRESHMENT BREAK | |
| | Session 4 : Obstructive Sleep Apnea | Session 7 (PART2) : Craniosynostosis Session 8 (PART1) : Miscellaneous | | Business Meeting Session 11 : Neurosurgery | |
| SOCIAL FUNCTIONS | | | | | |
| River Cruise | Welcome Drinks | Welcome Reception | Boma Braai | Gala Dinner | |

PRE CONGRESS WORKSHOP

SUNDAY 28 AUGUST 2011

07:30 Registration and Exhibition

08:00 **OPENING REMARKS**

SESSION 1 PANEL DISCUSSION : CRANIOSYNOSTOSIS [FOAR]
Session Chair: Prof Anil Madaree

08:15 **Outcome Analysis of Early Management of Craniosynostosis Using Endoscopic Assisted Craniectomies and Postoperative Helmet Therapy**

S Podda - New Jersey St Josephs Childrens Hospital.

08:30 **Use of Springs**
C Lauritzen

08:45 **Frontal Facial Distraction**
N Alonso

Nivaldo Alonso , Sao Paulo

09:00 **Surgical Fronto-Orbital Remodeling**
S Bartlett

Philadelphia -

09:15 **DISCUSSION**

10:00 **Refreshment break**

SESSION 2 **PANEL DISCUSSION :**
Session Chair: Dr Scott Bartlett

- 10:30 **Experience with Conventional Lefort II and Monobloc in the Treatment of Syndromic Synostosis**
J Phillips
- 10:50 **Lefort III Distraction Versus Conventional Advancement**
S Bartlett
- 11:00 **Reducing Complications with the Use of Distraction in Syndromic Synostosis**
J Bradley
- 11:20 **Posterior Vault Distraction in Syndromic Synostosis**
S Wall
- 11:40 **Monobloc / LefortIII Distraction in the Very Young**
D Dunaway
- 12:00 **Fronto Orbital Advancement in Syndromic Synostosis: How and when**
X Mu
- 12:20 **DISCUSSION**

13:00 *Luncheon*

SESSION 3 **PANEL DISCUSSION : DISTRACTION OSTEOGENESIS VERSUS ORTHOGNATHIC SURGERY**
Session Chair: Steven Wall

- 14:00 **Session will be run as a discussion with case presentations throughout**
Panelists: D Dunaway, D David and L Vecchione - killed in car accident.

15:30 *Refreshment break*

SESSION 4 **PANEL DISCUSSION :**
Session Chair: Dr Virender Singhal - Kansas City.

- 16:00 **What I Have Learned With Neonatal Distraction In Upper Airway Obstruction Secondary To Pierre Robin Sequence And Other Syndromes- "A 10-Year Follow Up"**
VK Singhal
- 16:10 **Tongue-Lip Adhesion Versus Mandibular Distraction Osteogenesis In the Treatment of Robin Sequence Associated with Obstructive Sleep Apnea: A Case-Controlled Outcome Analysis**
M Choi - Michael - Indiana. (with Hewik).
- 16:20 **Distraction Osteogenesis in Patients with Congenital Micrognathia and Glossopitosis**
G Tuncbilek Turkey.
- 16:30 **Critical Appraisal of Neonatal Airway Management : What Don't We Know?**
J Taylor Jesse Taylor - Philadelphia.
- 16:40 **DISCUSSION**

17:00 **CLOSING REMARKS**

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

| | | |
|-------|-------------------------------------|----------------------|
| 08:00 | WELCOME | |
| 08:10 | OFFICIAL SPEECH | |
| 08:25 | TESSIER LECTURE: DAVID GRIER | Guest Speaker |

Chair: D David and A Madaree

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| Session 5 | THEME : BASIC SCIENCE | Conference Centre |
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|-------|---|--------------------|
| 09:00 | Bond Strengths Of Adhesives And Biodegradable Plate-Screw Fixation:A Comparative In Vitro Study | <i>E Stelnicki</i> |
| 09:04 | Low Level Laser Therapy In The Repair Of Rats Tibias Submitted To Ionizing Radiation | <i>MPereira</i> |
| 09:08 | Functional Anatomy Of Normal And Fused Sutures Using X-Ray Synchrotron Microtomography. | <i>R Khonsari</i> |
| 09:16 | A Biomechanical Appraisal Of Bone Morphogenetic Protein-2-Derived Bone In A Large Animal Model Of Calvarial Reconstruction | <i>D Smith</i> |
| 09:20 | DISCUSSION | |
| 09:28 | Precise Control Of Osteogenesis For Craniofacial Defect Repair: The Role Of Direct Osteoprogenitor Contact In Bone Morphogenetic Protein-2-Based Bioprinting | <i>D Smith</i> |
| 09:36 | Inkjet-Based Bio-Patterning To Spatially Control Osteo- And Angiogenesis | <i>D Smith</i> |
| 09:40 | Three Dimensionnel Cephalometry And Vestibular Orientation | <i>P Pellerin</i> |
| 09:44 | DISCUSSION | |

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| Session 6 PART I | THEME : CLEFT / HYPERTELORISM / HFM | Conference Centre |
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|-------|---|-----------------|
| 09:52 | Primary Rhinoplasty In Straight Philtrum Curvilinear Repair Of Cleft Lip | <i>E Siolo</i> |
| 09:56 | Deepithelialized Oral Vestibular Flap (Boots Flap) For Augmentation Of The Free Border Deformities In Cleft Lip Patients | <i>K Ueda</i> |
| 10:00 | Finished Results Of Craniofacial Procedures Performed In Childhood, Now In Adulthood | <i>SA Wolfe</i> |
| 10:04 | The Utility Of Galea Frontalis Flaps In Nasal Reconstruction | <i>SA Wolfe</i> |
| 10:08 | DISCUSSION | |

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| 10:16 | REFRESHMENT BREAK | Exhibition Area |
|--------------|--------------------------|------------------------|

MONDAY

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

Chair: S Beals and H Kawamoto

| Session 6 PART 2 | THEME : CLEFT / HYPERTELORISM / HFM | Conference Centre |
|---------------------|--|------------------------|
| 10:46 | Simultaneous Double-Jaw Surgery And Microsurgical Reconstruction In Severe Hemifacial Midrosomia | <i>Y Watanabe</i> |
| 10:50 | Can Pediatric Unilateral Craniofacial Microsomia Cause Obstructive Sleep Apnea? | <i>C Szpalski</i> |
| 10:54 | Refinements In The Treatment Of Severe Hypertelorism | <i>C Gordon</i> |
| 10:58 | Speech Outcomes With Acellular Dermal Matrix In Primary Palatoplasty | <i>D Smith</i> |
| 11:02 | DISCUSSION | |
| 11:10 | An Analysis Of Mandibular Volume In Hemifacial Microsomia | <i>D Steinbacher</i> |
| 11:14 | Is Nasal Mucoperiosteal Closure Necessary In Cleft Palate Repair? | <i>D Steinbacher</i> |
| 11:18 | "Redo" Palatoplasty With Aggressive Repositioning Of The Levator Veli Palatini Muscle Sling Is A Safe And Reliable First Line Strategy For Post-Palatoplasty Vpi. | <i>J Grant</i> |
| 11:12 | Addition Of Radical Intravelar Veloplasty Significantly Improves Speech Outcomes And Reduces Reoperation Rate In Primary Palatoplasty | <i>J Grant</i> |
| 11:16 | DISCUSSION | |
| 11:24 | Late Palate Repair: Outcome Analysis | <i>J Grant</i> |
| 11:28 | Oculoauriculofrontonasal Syndrome: A Case Series And Description Of Distinctive Nasal Bone Anomalies | <i>J Gruss</i> |
| 11:32 | Surgical Treatment Strategy With Intermediate And Long-Term Results Of Patients With Craniofrontonasal Dysplasia With Proven Efnb1 Mutations | <i>M van den Elzen</i> |
| 11:36 | Spring-Assisted Correction Of Hypertelorism In Frontonasal Dysplasia – First Case Report | <i>R Menard</i> |
| 11:40 | DISCUSSION | |
| 11:48 | The First Report Of A One Stage, Single Site Complete Correction Of A Tessier 30 Cleft Using Rhbmp | <i>R Menard</i> |
| 11:52 | Bone Generation Within The Hard Palate Utilizing Recombinant Bone Morphogenetic Protein (Rhbmp-2): A Novel Approach To Cleft Palate Repair | <i>E Stelnicki</i> |
| 11:56 | Persistent Buccopharyngeal Membrane: Report Of A Case And A Novel Surgical Technique | <i>S Podda</i> |
| 12:00 | Patient Specific Implants Guided Craniofacial Bone Reposition | <i>Z Yu</i> |
| 12:04 | DISCUSSION | |

MONDAY

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

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|--------------|-----------------|---------------------------|
| 12:12 | LUNCHEON | Zambezi Restaurant |
|--------------|-----------------|---------------------------|

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|---------------------|-------------------------------|------------------------|
| 12:30- 13:30 | EXCO COMMITTEE MEETING | Kafue Boardroom |
|---------------------|-------------------------------|------------------------|

Chair: S Bartlett and S Wolfe

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| Session 6 PART 3 | THEME : CLEFT / HYPERTELORISM / HFM | Conference Centre |
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|-------|--|-------------------|
| 13:30 | Facial Parts And Functions Needing More Attention During Surgical Treatment Of Treacher Collins | <i>S Versnel</i> |
| 13:34 | Volumetric Comparison Of The Mandible In Treacher-Collins Syndrome And Hemifacial Microsomia Volumetric Analysis Of The Mandible In Treacher Collins Syndrome Using Materialise | <i>R Travieso</i> |
| 13:40 | Hypertelorism Correction With Facial Bipartition And Box Osteotomy, Does Soft Tissue Translation Correlate With Bony Movement? | <i>W Breakey</i> |
| 13:46 | To be confirmed | <i>D Schnitt</i> |
| 13:50 | Microglossia-A Report Of 5 Cases | <i>A Madaree</i> |
| 13:54 | DISCUSSION | |

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| Session 7 PART I | THEME : CRANIOSYNOSTOSIS | Conference Centre |
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|-------|--|-------------------------|
| 14:04 | Minimally Invasive Strip Cranlectomy For Metopic Synostosis- The 5-Year Experience Of A University Medical Center | <i>B Gociman</i> |
| 14:08 | Does The Optic Nerve Sheath Diameter Correlate With Intracranial Pressure In Children With Syndromic Craniosynostosis? | <i>C Driessen</i> |
| 14:12 | The Natural History Of Obstructive Sleep Apnea In Children With Syndromic Craniosynostosis | <i>C Driessen</i> |
| 14:18 | Frontal Lobe Perfusion In Metopic Synostosis : The Role Of Surgery | <i>F Di Rocco</i> |
| 14:22 | DISCUSSION | |
| 14:30 | Spectrum Of Crouzon Syndrome With Acanthosis Nigricans: A Systematic Review Over 15 Years. | <i>F Di Rocco</i> |
| 14:34 | Spring Assisted Posterior Vault Expansion : An Analysis Of 22 Cases | <i>F Di Rocco</i> |
| 14:38 | The Christmas Tree Design - A New Technique For Fronto-Orbital Remodelling | <i>I Gwanmesia</i> |
| 14:42 | Can Cognitive And/Or Behavioural Functioning Be Predicted By Pre-Operative (CT-Scan) Anomalies In Patients With Trigenocephaly? | <i>J van der Meulen</i> |
| 14:46 | DISCUSSION | |

MONDAY

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS

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|-------|--|---------------------|
| 14:54 | Assessment Of White Matter Micro-Structural Integrity In Children Diagnosed With Syndromic Craniosynostosis: A Diffusion Tensor Imaging Study | <i>J Florisson</i> |
| 14:58 | Secondary Remodelling Of Unilateral Coronal Synostosis Following Insufficient Correction With Spring Assisted Therapy | <i>JM Chavanne</i> |
| 15:02 | Minimal Access Spring Assisted Distraction Surgery For Scaphocephaly – A Technical Note | <i>M Gibson</i> |
| 15:06 | Intellectual And Behavioral Functioning In Children With Syndromic Or Complex Craniosynostosis | <i>M Maliepaard</i> |
| 15:10 | DISCUSSION | |

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| 15:20 | REFRESHMENT BREAK | Exhibition Area |
|--------------|--------------------------|------------------------|

Chair: C Lauritzen and S Wall

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| Session 7 PART 2 | THEME : CRANIOSYNOSTOSIS | <i>Conference Centre</i> |
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| | | |
|-------|--|----------------------|
| 16:00 | An Approach To Tongue Reduction In Beckwith Weidemann Syndrome Macroglossia | <i>A Heggie</i> |
| 16:04 | Prevalence And Consequences Of Plagio- And Brachycephaly In Adolescence, A Prospective Cross Sectional Cohort Study | <i>M Feijen</i> |
| 16:08 | Age And Indications For Frontofacial Advancement In Syndromic Patients | <i>N Alonso</i> |
| 16:14 | The Impact Of The Age Of Surgery On Long-Term Neuropsychological Outcomes In Sagittal Synostosis | <i>A Patel</i> |
| 16:20 | DISCUSSION | |
| 16:28 | Craniosynostosis: Population-Level Predictors Of Surgical Techniques In 1,680 Patients | <i>A Patel</i> |
| 16:32 | Volumetric Analysis Of The Temporal Anatomy In Unicoronal Craniosynostosis: Implications For Long-Term Growth | <i>C Derderian</i> |
| 16:36 | Making The Diagnosis: Metopic Ridge Vs. True Metopic Craniosynostosis | <i>C Birgfeld</i> |
| 16:40 | Temporal Hollowing Following Surgical Correction Of Unicoronal Synostosis | <i>D Steinbacher</i> |
| 16:44 | DISCUSSION | |

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS

| | | |
|-------|--|---------------------|
| 16:52 | Cranial Vault Distraction Vs. Conventional Remodeling For Syndromic Craniosynostosis: A Comparative Study | <i>G Varkarakis</i> |
| 16:58 | Volumetric Analysis Of Anterior Vs. Posterior Cranial Vault Expansion In Patients With Syndromic Craniosynostosis | <i>M Choi</i> |
| 17:02 | A Virtual Surgical Atlas Of Craniofacial Procedures: Interactive Animations And Testing | <i>R Flores</i> |
| 17:04 | Safety Of Pre-Op Erythropoietin In Surgical Calvarial Remodeling: An 8 Year Review And Analysis | <i>S Naran</i> |
| 17:08 | Effect of the Use of Molding Helmet Therapy Prior to Surgery In Infants with Sagittal Synostosis | <i>A Rozzelle</i> |
| 17:12 | DISCUSSION | |

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|-----------------------------|------------------------------|--------------------------|
| Session 8 PART I | THEME : MISCELLANEOUS | <i>Conference Centre</i> |
|-----------------------------|------------------------------|--------------------------|

| | | |
|-------|---|---------------------|
| 17:20 | Arch Bar Use In Primary And Mixed Dentition: Feasibility, Safety, And Outcomes | <i>S Naran</i> |
| 17:24 | Is Cranialization Indicated? A 10-Year Review Of Frontal Sinus Fractures With Posterior Table Involvement | <i>M Choi</i> |
| 17:30 | Resolving Facial Inflammatory Sequels Using Temporoparietal Fascia-In Time Rescue Of Nasal Allograft Infection | <i>S Chang</i> |
| 17:34 | Volume Measurements After Extended Strip And Total Calvarial Remodeling For Scaphocephaly | <i>M van Veelen</i> |
| 17:38 | DISCUSSION | |

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| 17:50 | CONGRESS TO CLOSE |
|--------------|--------------------------|

TUESDAY 30 AUGUST 2011

DAY AT LEISURE

MONDAY

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

Chair: E Arnaud and J Persing

| Session 7 PART 3 | THEME : CRANIOSYNOSTOSIS | Conference Centre |
|---------------------|--|---------------------|
| 07:30 | Outcome Analysis Of Early Management Of Craniosynostosis Using Endoscopic Assisted Craniectomies And Postoperative Helmet Therapy | <i>S Podda</i> |
| 07:34 | Staged Reconstruction Of Children With Multiple Suture Synostoses Utilizing Spring Assisted Cranioplasty | <i>S Glazier</i> |
| 07:38 | Normative Tables Of Cranial Measurements And Derived Indexes In Males And Females In The First Year Of Life | <i>F Wilbrand</i> |
| 07:42 | Prognosis Predictors Simplified: Serial Head Circumference And Neurologic And Neurodevelopmental Screening After Surgical Correction For Single- And Multiple-Suture Craniosynostosis | <i>V Singhal</i> |
| 07:46 | DISCUSSION | |
| 07:54 | Effect Of The Use Of Molding Helmet Therapy Prior To Surgery In Infants With Sagittal Synostosis | <i>B Shaqiri</i> |
| 07:58 | Spring Assisted Posterior Vault Expansion: Does It Treat Raised Intracranial Pressure In Syndromic Craniosynostosis | <i>R de Souza</i> |
| 08:02 | Using Morphometrics To Identify The Three-Dimensional Vectors Of Shape Change Between Normal And Apert Skulls. | <i>A Ponniah</i> |
| 08:06 | Twenty Seven Year Experience Of Posterior Skull Surgery For Craniosynostosis | <i>N White</i> |
| 08:10 | DISCUSSION | |
| 08:18 | The GOSH Craniofacial Outcome Score (GCOS) | <i>C Abela</i> |
| 08:22 | Mathematical Model For The Standardization Of Radiologically Measured Spring Apertures In Children With Craniosynostosis | <i>N Haliasos</i> |
| 08:26 | Evaluation Of Nonsynostotic Skull Deformities After Treatment With Helmet Using 3D Photogrammetry | <i>D Schmermund</i> |
| 08:30 | A Novel Approach To Measuring The Impact Of Surgery In Craniosynostosis Using Event-Related Potentials (Erps) | <i>R Travieso</i> |
| 08:34 | DISCUSSION | |
| 08:42 | Combined Metopic And Sagittal Craniosynostosis: Is It Worse Than Sagittal Synostosis Alone? | <i>R Travieso</i> |
| 08:46 | Treatment Of Crouzon Syndrome: A Long-Term Study | <i>S Cantwell</i> |
| 08:50 | An Evaluation Of Traditional Anterior-Posterior Shortening Versus Spring-Assisted Correction Of Scaphocephaly | <i>W Breakey</i> |
| 08:54 | What Makes A Normal Forehead? Scoring Outcome In Fronto-Orbital Remodelling Against Age-Matched Controls In Unisutural Synostosis | <i>F Angullia</i> |
| 08:58 | DISCUSSION | |

WEDNESDAY

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

| | | |
|-------|--|----------------------|
| 09:06 | Revolutionising Outcomes - The Australian Craniofacial Unit Multidisciplinary Birth To Maturity Protocol Management Of Apert Syndrome | <i>D David</i> |
| 09:12 | Current Selective Indications Of Distraction For Craniosynostosis: Posterior Enlargement And Some Fronto-Orbital Advancement | <i>K Satoh</i> |
| 09:16 | Pre- And Postoperative Orbital Volume For Crouzon And Apert Syndrome | <i>K Imai</i> |
| 09:20 | Unicoronal Synostotic Plagiocephaly, Long Term Results And Surgical Improvements : The Functional Approach | <i>P Pellerin</i> |
| 09:24 | DISCUSSION | |
| 09:32 | Scaphocephaly Repair With A Hybrid Fixation Technique: "Suture-Trellis And Resorbable Fixation" (STAR-Fix) | <i>D Staffenberg</i> |
| 09:36 | Coronal Band Syndrome: Pteryonal Constriction With Functional Symptoms And Intractable Wide Suturectomy | <i>K Otani</i> |
| 09:40 | Self-Stabilizing "S"-Osteotomy Increases Flexibility In Fronto-Orbital Surgery For Craniosynostosis | <i>D Johnson</i> |
| 09:44 | Craniofacial Unit Audit Of Blood Conservation Techniques In Paediatric Transcranial Surgery | <i>S Das</i> |
| 09:48 | DISCUSSION | |
| 09:56 | Evaluation Of Two Techniques For Correction Of Unicoronal Synostosis | <i>G Maltese</i> |
| 10:00 | Perioperative Morbidity In Posterior Cranial Expansion: Distraction Versus Conventional Osteotomy | <i>J Taylor</i> |
| 10:04 | A Comparison Of Springs To Strip Craniectomy And Barrel Staving For Early Treatment Of Scaphocephaly | <i>J Taylor</i> |
| 10:08 | Spring Assisted Cranioplasty for Brachycephaly | <i>P Tarnow</i> |
| 10:12 | DISCUSSION | |

10:20 REFRESHMENT BREAK

Exhibition Area

Chair: N Alonso and J Fearon

Session 9 THEME : DISTRACTION

Conference Centre

| | | |
|-------|---|------------------|
| 11:00 | Simulation-Guided Navigation For Management Of Distraction Vector Control In Mandibular Elongation | <i>A Bianchi</i> |
| 11:04 | External Traction And Internal Distraction With Monobloc Frontofacial Advancement In The Very Young Faciocraniosynostotic Patient | <i>E Arnaud</i> |
| 11:10 | The Comparison Of Psychological Adjustment Of Cleft Lip And Palate Patients After Maxillary Distraction Osteogenesis And Conventional Orthognathic Surgery | <i>H Chua</i> |
| 11:14 | Respiratory Improvement After Frontofacial Monobloc Advancement With Distraction: A Prospective Study | <i>J Leikola</i> |
| 11:20 | DISCUSSION | |

WEDNESDAY

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

| | | |
|-------|--|--------------------------|
| 11:28 | New Surgical Approach For Simultaneous Correction Of Transverse And Sagittal Maxillary Deficiencies | <i>M Pereira</i> |
| 11:34 | Distraction Osteogenesis Of Costochondrogenous Rib Grafts: Treatment Algorithm For Severely Hypoplastic Mandibles | <i>J Bradley</i> |
| 11:38 | Quantitative Volumetric Analysis Of Changes In Intracranial Volume After Fronto-Orbital Advancement And Posterior Vault Expansion Using Distraction Osteogenesis In The Treatment Of Syndromic Craniosynostosis | <i>C Derderian</i> |
| 11:42 | Expansion Of The Posterior Cranial Vault Using Distraction Osteogenesis | <i>D Steinbacher</i> |
| 11:48 | DISCUSSION | |
| 11:56 | Distraction Osteogenesis In Patients With Congenital Micrognathia And Glossopitosis | <i>G Tuncbilek</i> |
| 12:00 | Volumetric Analysis Of Cranial Vault Distraction For Cephalocranial Disproportion | <i>J Deschamps-Braly</i> |
| 12:04 | Further Advances In Safe Reliable Infant Midface Distraction With A Transfacial Pin and No Osteotomies | <i>R Menard</i> |
| 12:08 | Craniofacial Surgery At Great Ormond Street Hospital – A 10 Year Experience Of Over 100 Frontofacial Procedures In Syndromic Children And Their Complications | <i>C Abela</i> |
| 12:14 | Frontofacial Advancement By Distraction Osteogenesis - A 7 To 10 Year Longitudinal Study | <i>D Dunaway</i> |
| 12:20 | DISCUSSION | |
| 12:30 | Covariation Of The Upper Airway Tract And Mandibular Distraction Osteogenesis In Severe Obstructive Syndrome | <i>G Captier</i> |
| 12:34 | Justification For Latency Period In Distraction Osteogenesis: A Clinical And Molecular Study Of Ilizarov TMS Protocol | <i>K Fan</i> |
| 12:38 | Middle And Long Term Result Of Le Fort III Maxillary Distraction In Syndromic Craniosynostosis | <i>K Satoh</i> |
| 12:42 | Orthognathic Surgery For Distracted Maxilla In The Pre-Adolescence In Cleft Patients | <i>K Satoh</i> |
| 12:46 | Calvarial Vault Expansion By Distraction Osteogenesis For Cranio-Cerebral Disproportion: The Evolution Towards A Sensible Approach | <i>D Staffenberg</i> |
| 12:52 | DISCUSSION | |

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|--------------|-----------------|---------------------------|
| 13:02 | LUNCHEON | Zambezi Restaurant |
|--------------|-----------------|---------------------------|

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

Chair: J Bradley and K Satoh

| | | |
|-----------------------------|---|--------------------------|
| Session 10 | THEME : GENETICS | <i>Conference Centre</i> |
| 14:00 | A New Gene For Craniosynostosis | <i>I Mathijssen</i> |
| 14:04 | Differential Gene Expression Between Synostosed And Patent Sutures In Children With Single Suture Craniosynostosis | <i>J Rhodes</i> |
| 14:08 | Differential Microrna Expression In Patent And Synostotic Human Infant Calvarial Suture | <i>J Rhodes</i> |
| 14:12 | Phenotype Of Efnb1 Mutations In Craniofrontonasal Dysplasia | <i>M van den Elzen</i> |
| 14:16 | Genetic Implication In Coronal Synostosis | <i>S Mattine</i> |
| 14:20 | DISCUSSION | |
| Session 8 PART 2 | THEME : MISCELLANEOUS | <i>Conference Centre</i> |
| 14:30 | Lacunocanalicular Flow And Distraction Osteogenesis: Theory And Therapeutics | <i>E Davidson</i> |
| 14:34 | Perspectives On Top 5 Craniofacial Operations And Resident Training | <i>J Bradley</i> |
| 14:40 | Orbital Depth In The Pediatric Patient | <i>C Morrison</i> |
| 14:44 | A Novel Approach For Surgical Management Of End-Stage Obstructive Sleep Apnoea: 10-Year Results In 40 Consecutive Patients | <i>S Mattine</i> |
| 14:50 | DISCUSSION | |
| 15:00 | REFRESHMENT BREAK | <i>Conference Centre</i> |
| 15:00- 16:34 | BUSINESS MEETING [For ISCFS Members only] | <i>Conference Centre</i> |

WEDNESDAY

WEDNESDAY

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

Chair: D Hemmy and X Mu

| Session 11 | Theme : NEUROSURGERY | Conference Centre |
|------------|---|-------------------|
| 16:34 | Prospective Randomized Study Of Cranial Reconstruction After Neurosurgery With Bmp-2 And New Carrier | A Docherty Skogh |
| 16:38 | Hindbrain Herniation In Syndromic Craniosynostosis Does Not Commonly Induce Respiratory Failure | C Driessen |
| 16:42 | Custom Made Cranioplastic Implant Reconstruction For Pediatric Patients | D Leshem |
| 16:46 | Surgery For Sagittal Synostosis: Risk For Chiari 1 Malformation Comparison Of Natural History With The Results Of An "Open" Technique | L Valentini |
| 16:50 | DISCUSSION | |
| 17:00 | White Matter Structures In Relation With Neurocognitive Functioning | M Mallepaard |
| 17:04 | Long Term Results Of Cranial Vault Reconstruction With Intracranial Resorbable Plating | C Gordon |
| 17:08 | Craniofacial Reconstruction Utilizing Kryptonite Polyurethane Bone Substitute And Adhesive | F Papay |
| 17:12 | Efficacy Of Rhbmp-2 On Cranial Defect Closure In The Pediatric Population | J Deschamps-Braly |
| 17:16 | DISCUSSION | |
| 17:24 | The Great Ormond Street Hospital Craniopagus Twins: Building On The Staged Approach To Separation | D Dunaway |
| 17:28 | Timing Of Surgery And Mental Outcome In Children With Complex And Syndromic Craniosynostosis | T de Jong |
| 17:32 | Ventricular And Brain Volume And Their Predictors In Patients With Syndromic And Complex Craniosynostosis | T de Jong |
| 17:36 | Craniopagus Twins - A Complex Diagnostic And Surgical Treatment Problem - A Series Review Of 10 Cases Of Craniopagus Twins | J Goodrich |
| 17:42 | DISCUSSION | |
| 17:50 | CONGRESS TO CLOSE | |

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

Chair: D Goldenberg and J Gruss

| Session 12 | THEME : ORTHOGNATHIC SURGERY / ORTHODONTICS | <i>Conference Centre</i> |
|-------------------|--|----------------------------|
| 07:30 | The Magellan Project: Simulation-Guided Navigation In Maxillofacial Orthognathic Surgery | <i>A Bianchi</i> |
| 07:36 | Combined Le Fort I + Bssso. A Comparative Study Of Simultaneous Vs. Delayed Rhinoplasty | <i>JM Chavanne</i> |
| 07:40 | Strategies For Surgically Assisted Rapid Maxillary Expansion According To The Region Of Transverse Maxillary Deficiency | <i>RA Modesto de Abreu</i> |
| 07:44 | Skeletal Correction Of The Mid-Face In The Adolescent Craniofacial Patient | <i>A Heggie</i> |
| 07:48 | DISCUSSION | |
| 07:56 | Simultaneous Le Fort III And Segmentalized Le Fort I Osteotomies For Syndromal And Non-Syndromal Patients | <i>L Cheung</i> |
| 08:02 | 3D Computer Simulation In Orthognathic Surgery; Efficacy And Accuracy | <i>S Schendel</i> |
| 08:08 | DISCUSSION | |

| Session 13 | THEME : RESEARCH | <i>Conference Centre</i> |
|-------------------|--|--------------------------|
| 08:16 | Facial Asymmetry: A Three-Dimensional Photogrammetric Analysis | <i>C Morrison</i> |
| 08:20 | Cell Viability Of Human Umbilical Cord Cells In G Rich Ammonium And Sodium Alginates | <i>E Stelnicki</i> |
| 08:24 | Differential Closure Of The Spheno-Occipital Synchronosis: Insight Into Midface Hypoplasia? | <i>J Taylor</i> |
| 08:38 | Adipose-Derived Stem Cells Respond Variably To A Novel Osteoinductive Oxysterol | <i>J Bradley</i> |
| 08:32 | DISCUSSION | |
| 08:40 | Combining A Novel Oxysterol With BMP-2 May Potentiate Osteogenic Capacity In Rabbit Bone Marrow Stromal Cells | <i>J Bradley</i> |
| 08:44 | Tissue Engineered Mandibular Reconstruction: The Initial Human Experience | <i>C Gordon</i> |
| 08:48 | Visual Data Integration In Computer Graphics-Based Planning For Craniofacial Transplantation | <i>D Smith</i> |
| 08:52 | Long Term Result Of Bone Regeneration By Tissue Engineering – An Integrated Approach | <i>S Chang</i> |
| 08:56 | DISCUSSION | |

THURSDAY

ISCFS XIV BIENNIAL INTERNATIONAL CONGRESS PROGRAMME

| Session 14 | THEME : TRAUMA | Conference Centre |
|------------|--|----------------------------|
| 09:04 | Prevention Of Enophthalmus In Medial Orbital Wall Blow-Out Fractures Depends On Orbital Volume Restoration Rather Than Anatomically Correct Reconstruction Of The Fracture Defect | <i>D Saiepour</i> |
| 09:08 | Effect Of Plate And Screws And Surgical Approaches On Lower Eyelid Position After Orbitozygomatic Fracture Repair | <i>M Pereira</i> |
| 09:12 | Prospective Analysis Of Facial Fractures In The Elderly Population Of University Hospital In Brasil | <i>RA Modesto de Abreu</i> |
| 09:16 | Prospective Evaluation Of Post Traumatic Orbital Walls Reconstructions AND Prospective Study Of Orbital Trauma And Its Ophthalmological Repercussion At Regional Reference Hospital Of Brasil. | <i>RA Modesto de Abreu</i> |
| 09:22 | DISCUSSION | |
| 09:30 | 215 Mandible Fractures In 120 Children: Demographics, Treatment, Outcomes, And An Assessment Of Growth And Development | <i>D Smith</i> |
| 09:34 | Correction Of Periorbital Deformities Using Intracranial Approach | <i>G Tuncbilek</i> |
| 09:38 | Diagnostic Accuracy Of Maxillofacial Trauma 2D And 3D CT Scans: Comparison Of Oral, Head And Neck, Plastic Surgeons, And Radiologists | <i>C Tabit</i> |
| 09:42 | UK Experience of Military Craniofacial injuries | <i>N White</i> |
| 09:46 | DISCUSSION | |
| 09:54 | REFRESHMENT BREAK | Exhibition Area |

Chair: JM Chavanne and D Dunaway

| Session 15 | THEME : TUMOUR / ENCEPHALOCELES | Conference Centre |
|------------|---|---------------------|
| 10:14 | Early Treatment Of Facial Congenital Nevi – Expantion And Reconstruction | <i>D Leshem</i> |
| 10:18 | The Functional And Psychosocial Impact Of Noma (Cancrum Oris) | <i>D Vest</i> |
| 10:22 | Surgical Treatment Of Head And Neck Hemangiomas: Indication And Outcome In A 14-Years Experience Protocol | <i>D Goldenberg</i> |
| 10:28 | Infantile Hemangiomas Treatment: Propanolol, Intralesional Steroid Injections And Laser Therapy | <i>E Stelnicki</i> |
| 10:32 | Reconstruction Of Severe Unilateral Orbital And Periorbital Dysplasia Using Transcranial Orbitotomy Advancement Combined With Dorsum Pedis Free Flap And Anterior Tibial Fascial Flap | <i>X Ye</i> |
| 10:36 | The Surgery of Extra-Cranial Vascular Tumors | <i>M McKinnon</i> |
| 10:40 | DISCUSSION | |

- 10:48 **An Effective Treatment For Craniofacial Vascular Malformations** *N Rojvachiranonda*
- 10:52 **Management Of Cutis Aplasia And Long Term Results: Retrospective Analyses Of 45 Cases** *S Mattine*
- 10:56 **Retrospective Study After Craniofacial Or Nasal Augmentation And Repair With Cultured Autologous Human Auricular Chondrocytes** *K Imai*
- 11:02 **Integrated Treatments In Recurrent Arteriovenous Malformation – Preoperative Embolization And Direct Percutaneous Injection Of Sclersing Agent Facilitate Surgical Ablation** *S Chia-Ning Chang*

11:06 **DISCUSSION**

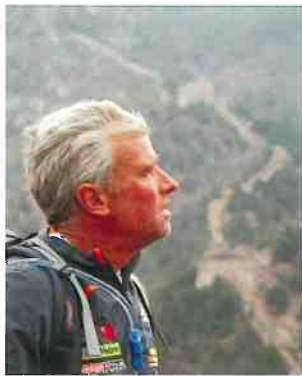
11:15 CONGRESS TO CLOSE

THURSDAY

David Grier

The lessons from my Journey

"Life is always gauged by achievements, accolades and awards. I feel this is too often the focus and it is just on the achievement and not how or why it was done, or what was learned along the way, how the journey of getting there has affected ones life and those around you. This is such an important part of ones life. If I have to single out any one thing that I have achieved by these runs, it would be the lives that have been changed by the events. A humbling experience!"



The run of the **Great Wall of China** was such a turning point in my life as it taught me the importance of change in ones life, in many a way this, I think, is one of the most important factors that I have had to come to terms with, the realization that every thing and everyone around us are evolving and changing at such a rapid rate. The sooner you manage to come to terms with this, the better.



Next, came the 3300 km run around the **Coast of South Africa**. The more I look at this journey, the more I believe that change on its own is not enough, unless one has hope for the future that we and our children can strive for, and that, through our actions of internal and external change, we know that there is still a greater goal to aim for.



The reward for change is that, through the process, we hope the future will bring something better – otherwise why change? The solo paddle to, and the run through **Madagascar**, was about circumstance, and ones' attitude to life. This has been the biggest single hurdle that I have had to overcome and, ultimately, has had the biggest effect and impact on this challenge. But sitting back and reflecting, is it not circumstance that is ultimately the biggest hurdle that we all have to face, deal with and ultimately need to have the ability to adapt to? How one handles the circumstance that you find yourself in, I feel, has the biggest bearing on the final outcome of life. Your interpretation and ability to react in the correct way, that decision will ultimately have the biggest influence on your life.



It all boils down to attitude, if you have the right attitude, anything is possible.

TOPIC : MISCELLANOUS

M1 Sliding Genioplasty May Not Be Indicated In Patients With Hemifacial Micorsomia *A Yamada*

TOPIC : AESTHETICS

A1 Refinements To The Coronal Approach In Pediatric Craniofacial Surgery *J Wilbrand*

TOPIC : BASIC SCIENCE

BS1 The Skull Height In The First 9 Months Of Life: Findings From An MRI Based Morphometric Study *S Bhatia*

BS2 Fibroblast Growth Factor Receptor 2 And 3 Expression In The Head, Neck And Central Nervous System During Fetal Mouse Development *T De Jong*

TOPIC : CLEFT/HYPERTELORISM/HFM

CHH1 Racial Disparities In Palatoplasty. Outcomes Analysis *J Grant*

CHH2 Assessing Non-Acceptance Of Facial Appearance In Patients With Congenital Severe Facial Disfigurement *M Van Den Elzen*

CHH3 Interdisciplinary Clinical Pathway For Craniofacial Microsomia *S Beals*

CHH4 The Analysis Of Secondary Alveolar Bone Grafting With Three-Dimensional Ct Image *K Otani*

CHH5 Long-Term Psychological Functioning Of Adults With Severe Congenital Facial Disfigurement *S Versnel*

CHH6 Early Repair For Infants With Cleft Lip And Nose Using Bi-Rectangle Flap In Nostril *W Shen*

TOPIC : CRANIOSYNOSTOSIS

C1 Child Attachment In Scaphocephalic And Trigonocephalic Children *F Di Rocco*

C2 Communication In Children With Syndromic Or Complex Craniosynostosis *M Maliepaard*

C3 3d Photogrammetric Volume Control In Craniofacial Surgery *J Wilbrand*

C4 The Effect Of Cranial Base Surgery On Congenital Craniofacial Deformities *M Gali*

C5 Growth Of The Petromastoid V And Its Application In The Cranial Deformations Without Synostosis *G Captier*

C6 Titanium Cranioplasties In Paediatric Setting *S Bhatia*

C7 Paediatric Foramen Magnum Dimensions in the Chiari Malformations, Syringomyelia And In Syndromic Craniosynostosis: A Comparative Review *S Bhatia*

C8 Syringomyelia In Children With Syndromic Craniosynostosis And Chiari Malformations: Discriminant Factors In A Series Of 134 Children *S Bhatia*

C9 Psychosocial Concerns In Outpatient Clinics "I Am Going To Get Operated On? I Want It To Be Good Because I Don't Want To Live The Same Things Over And Over Again" *D Hearst*

C10 Treated Anterior Plagiocephaly Of The Frontosphenoidal Synostosis Affected By Sutural Distraction Osteogenesis (Sdo) *W Shen*

C11 Cranial Expansion By Continual Occipital And Frontoorbital Distraction In Syndromic Craniosynostosis *Y Komuro*

TOPIC : DISTRACTION

D1 Maxillary Growth Following Distraction Osteotomy Of Crouzon And Apert Syndrome In Growing Children *S Maeda*

D2 Maxillary Distraction Osteogenesis In A Rieger Syndrome *G Captier*

TOPIC : GENETICS

G1 Genotype Versus Phenotype: Does The Muenke Mutation Correspond To The Glass-Lajeunie Syndrome? *E Arnaud*

TOPIC : NEUROSURGERY

N1 Development Of Mouldable Ceramic Implant For Cranial Repair *T Engstrand*

TOPIC : RESEARCH

R1 Experimental Study Of Twisting Effect On Supermicroanastomosis Of Superficial Inferior Epigastric Artery In A Rat Model *Mi Hyun Seo*

TOPIC : TRAUMA

T1 Cranio-Maxillo-Facial Fractures Associated To Other Lesions In Polytrauma Patients *Ra Modesto De Abreu*

T2 Prospective Analysis Of Mandible Fractures AT the Department Of Plastic Surgery At University Hospital Of PUC-Campinas *RA Modesto De Abreu*

T3 Clinical Findings Of Circular Artery Distribution Patterns (As Septocutaneous And Musculocutaneous Branches) In The Lateral Skin Of The Leg *H Kim*

T4 Basic Analysis Of Compositional Elements In Mucous Retention Cyst In The Maxillary Sinus *J Kang*

SOCIAL PROGRAMME

SATURDAY 27 AUGUST 2011

NB: Included in Package A and Package C registrations only

DRESS CODE: Neutral coloured clothes, hat, sunscreen and decent footwear

14h30/15h00 Pick up from Reception at both Royal Livingston and Zambezi Sun

Afternoon **Game drive**

The Mosi-oa-Tunya National Park encompasses the Victoria Falls and stretches some 12 kms along the riverbanks of the upper Zambezi River. Buffalo, hippo, crocodile, giraffe, zebra and several antelope species flourish here. Elephants often visit the park swimming back and forth across the river. Game drives in open 4 x 4 vehicles with a knowledgeable guide set off in the morning and afternoon from the Victoria Falls Day Activity Centre and last about 3 hours.

17h30/18h00 Drop Off at African Queen for the Sundowner Cruise

Evening **Sundowner Cruise**

The African Queen meander slowly upstream along the length of the Mosi-oa-Tunya National Park looking for game on the way. Excellent hot and cold food is served on board and the bar is well stocked with spirits, good wines, beers and softdrinks. The cruise lasts for 2 hours.

20h00 Pickup at African Queen after the Sundowner Cruise

20h20 Drop off at Reception at both Royal Livingston and Zambezi Sun

SUNDAY 28 AUGUST 2011

Full day **Accompanying Persons at leisure**

17h00/17h30 Pick up at Reception at both Royal Livingston and Zambezi Sun

Evening **Welcome drinks on Train to Victoria Falls Bridge**

Delegates will have a particularly unique experience by viewing the sunset from the Victoria Falls Bridge. Excellent hot and cold food is served on board and the bar is well stocked with spirits, good wines, beers and soft drinks. All food and drink is included in the price and served throughout the. The trip will last for 3 hours.

DRESS CODE: Comfortable clothes and decent footwear

MONDAY 29 AUGUST 2011

Full day **All congress Participants at leisure**

19h00/19h30 Welcome Reception

Venue : Kingfisher at Zambezi Sun Hotel

Dress code : Smart Casual

Theme : Jazz Evening

TUESDAY 30 AUGUST 2011

Full day **All congress Participants at leisure**

19h00/19h30 Boma Braai

Venue : The Boma at Zambezi Sun Hotel

Dress code : Casual

Theme : Traditional Evening

Wednesday 31 August 2011

Full day **Accompanying Persons at leisure**

17h00/17h30 Pick up at Reception at both Royal Livingston and Zambezi Sun

Evening **Gala Dinner**

Venue : Maramba Site

Dress code : Evening Formal

Theme : Mystical Africa