

**INTERNATIONAL SOCIETY
OF
CRANIO-MAXILLO-FACIAL SURGERY**

1ST INTERNATIONAL CONGRESS

President: PAUL TESSIER

Chairman: DANIEL MARCHAC

7-9 September 1985

CANNES-LA NAPOULE (French Riviera)

SCIENTIFIC PROGRAMME



The First International Congress of Cranio-facial Surgery symbolises its global organisation as a major subspecialty of plastic surgery. It represents the first academic session of the International Society of Cranio-Maxillo-Facial Surgery after its inception in Montreal in 1983 and follows the recent inaugural meeting of the European Society of Cranio-Facial Surgery in Göteborg.

None of this would have happened without the pioneering work of Paul TESSIER and we are honoured that he has accepted the office of President of the International Society as well as of this First Congress.

I hope this meeting proves as fruitfull as we all wish.

Welcome to France.



*Daniel MARCHAC
Congress Chairman*

SLIDE CHECK-IN :

It is located at the entrance C, at the back of the auditorium (Salon Riviera - Beach level).

It will open on Saturday morning at 9.30 a.m. and remain open continuously throughout the meeting. On Sunday and Monday morning, it will open at 7 a.m. and will close 1 hour after the end of the scientific session.

Each speaker will have to load a separate carrousel, **for each paper** (two carrousels in the case of dual projection).

Please use empty carrousels, check **yourself** on the available projectors that the slides are properly placed and hand them to the staff that will, **with your assistance**, label them with your name and number of presentation.

SPEAKERS INSTRUCTIONS :

Speakers are invited to sit in the front rows in order to minimize loss of time between papers.

It is in everybody's interest that the allotted time is strictly adhered to, and you are respectfully requested to time your presentation(s) carefully beforehand.

LOCATION OF THE SCIENTIFIC MEETING

Salon RIVIERA, Beach level of the Hôtel LOEWS, (tel (93) 49.90.00)

DINNER AT EDEN ROC, SATURDAY EVENING

Departure by buses at 7.30 p.m. from Hotel LOEWS. Black tie recommended.

Dinner will take place on the terrasse if weather permits. It can be cool.

PROGRAMME

| | Saturday, September 7 | Sunday, September 8 | Monday, September 9 |
|----------|---------------------------------|---|--|
| 08.00 am | REGISTRATION SLIDES CHECK-IN | State of the Art by Paul TESSIER | Various Facial Osteotomies Lateral Clefts Bone and Galeal Flaps Free Flaps and C.F. C.F. for Traumas Complications Psychological Aspects |
| 09.00 am | | Cranio-Facial synostosis | |
| 10.00 am | | | |
| 11.00 am | | LUNCH by the swimming-pool | Adjourn |
| 12.00 am | | | |
| 1.00 pm | Analysis and 3-D Imaging | Median and Paramedian Clefts | |
| 2.00 pm | | Miscellaneous techniques and ideas | |
| 3.00 pm | Craniofacial Surgery for Tumors | | |
| 04.00 pm | | General Assembly International Society of CranioMaxilloFacial Surgery | |
| 05.00 pm | | | |
| 06.00 pm | | | |
| 07.00 pm | | | |

DINNER AT EDEN ROC

This meeting is placed under the patronage of the

**INTERNATIONAL CONFEDERATION
FOR
PLASTIC AND RECONSTRUCTIVE SURGERY**

and of the

**SOCIETE FRANCAISE DE CHIRURGIE PLASTIQUE
RECONSTRUCTRICE ET ESTHETIQUE**

**THE INTERNATIONAL SOCIETY
OF
CRANIO-MAXILLO-FACIAL SURGERY**

The International Society of Cranio-Maxillo-Facial Surgery was founded in MONTREAL, in June 1983, during the VIIIth Congress of the International Confederation for Plastic and Reconstructive Surgery.

FOUNDING MEMBERS :

Ernesto CARONNI (Italy)
David J. DAVID (Australia)
Milton T. EDGERTON (USA)
Ian T. JACKSON (USA)
Bengt JOHANSON (Sweden)
Henry K. KAWAMOTO (USA)
Joseph G. McCARTHY (USA)
Daniel MARCHAC (France)
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Linton A. WHITAKER (USA)
S. Anthony WOLFE (USA)

PRESIDENT : Paul TESSIER

SECRETARY TREASURER : Ian MUNRO

COUNCIL MEMBERS : D.J. DAVID
I.T. JACKSON
J.G. McCARTHY
J.C. VAN DER MEULEN

SATURDAY, SEPTEMBER 7, 1985

1.30 pm ANALYSIS - 3.D IMAGING

Chairmen : Paul TESSIER (France) - S. Anthony WOLFE (USA)

- 1 — New cephalometric measurement techniques for the description of craniofacial deformity : Tensor and medial axis analysis.
6' Barry H. GRAYSON Fred L. BOOKSTEIN Joseph G. McCARTHY New York — U.S.A.
- 2 — Progress in 3-D imaging at the Texas Craniofacial Center. *(Conclusion: Essential in R₁ planning, dx)*
6' Kenneth E. SALYER David A. BILLMIRE Emmanuel E. UBINAS Dallas — U.S.A.
- 3 — The role of three dimensional computer graphics in a Cranio Facial Surgery Center : analysis and surgical planning.
8' Joseph G. McCARTHY Craig R. DUFRESNE Court CUTTING New York — U.S.A.
Used colored 3D images partitioned
- 4 — Methods for and pitfalls in the acquisition of computed tomographic data for faithful 3-dimensional reconstructions.
3' David C. HEMMY Milwaukee — U.S.A.
- 5 — The computer assisted planning of craniomaxillofacial surgery. *Office practice using computer & surface graphics Rudimentary but promising*
6' Lawrence P. KERR Samuel P. PEJO New York — U.S.A.
- 6 — Computer generated three dimensional facial shape analysis.
6' Court B. CUTTING Fred BOOKSTEIN Parvati DEV
Barry GRAYSON Joseph G. McCARTHY New-York — U.S.A.
- 7 — Computer designed prosthesis for reconstruction of the bony orbit. *Not necessary*
3' Bryant A. TOTH William B. STEWART Franklyn ELLIOT II San Francisco — U.S.A.
- 8 — Application of volume determination and three -dimensional imaging
6' M. C. STALNECKER Linton A. WHITAKER Harvey ROSEN
Gabor HERMAN Philadelphia — U.S.A.
- 9 — Applications of three dimensional computerized axial tomography to evaluation of preoperative and postoperative patients undergoing maxillofacial and craniofacial surgical procedure. *Showed not ne. in majority of pts*
8' S. Anthony WOLFE Miami — U.S.A.
- 10 — Other developments in 3D reformations and C.A.D.-C.A.M. for cranio-maxillo-facial surgery : C.T. vs M.R.
6' E.A. CABANIS U. SALVOLINI M.T. IBA-ZIZEN
M. de NICOLA J. TAMRAZ R. CAVEZIAN
D. DOYON P. HALIMI *CT bones MR soft tissue } — encephalocodi.* Paris — France
- 11 — The latest technical developments in 3-dimensional reconstruction of computed tomography and magnetic resonance imaging.
8' David C. HEMMY Paul L. TESSIER Milwaukee — U.S.A.

Notes

SATURDAY, SEPTEMBER 7, 1985

3.30 pm CRANIO FACIAL SURGERY FOR TUMORS

Chairmen : Ian MUNRO (Canada) - Ernesto CARONNI (Italy)

- 12 — Craniofacial approach to tumor removal and reconstruction.
8' Adolfo G. MONTOYA E. RODA M. SOTO Madrid — Spain
J. HEREDERO E. LALINDE
- 13 — Facial disassembly for tumor resection. Göteborg — Sweden
8' Claes LAURITZEN
- 14 — Oncologic cranio-orbital surgery Houston — U.S.A.
6' Richard E. SABATIER James H. WIEINTRUB
- 15 — Craniofacial masses : perspective of imaging in craniofacial management. Dallas — U.S.A.
3' Edward A. AMSTRONG
- 16 — Combined intracranial and intranasal approach for resecting a Chondroma in a 5 weeks old child. Innsbruck — Austria
3' Hans ANDERL V. GRUNERT Wolfgang MÜLHBAUER
- 17 — Cranio-orbital fibrous dysplasia : radical resection and immediate reconstruction with split calvarial bone graft. Vincenza — Italy
6' Camillo CURIONI Luigi CLAUSER
- 18 — Maxillary-orbital fibrous dysplasia — radical treatment. Toronto — Canada
8' I.R. MUNRO P. KAY
- 19 — Composite transcranial orbitectomy : evolving principles and techniques. Philadelphia — U.S.A.
6' Harvey M. ROSEN
- 20 — Craniofacial surgical techniques in the management of the tumors of the orbital region : 2 cases report. Montevideo — Uruguay
6' P. Garcia PODESTA A. NEGROTTO R. WILLAGRAN
J. DE VECCHI A. MONTALDO J.J. HORNBLAS
P. BENEDEK
- 21 — Orbital teratomas associated with microphthalmic corneal cyst. Philadelphia — U.S.A.
3' James A. KATOWITZ Derek BRUCE Linton A. WHITAKER
- 22 — Present status of craniofacial surgery in China Shanghai — China
6' Ti-sheng CHANG

Notes

12- Approach for medial orbit/nose

Cornel
Webster-figueroa } co

Recon- Temporal muscle
86

14 Using transaxillary lat myocutaneous flap to reconstruct soft tissue - donor can reach vertex if origin taken down & island created.

SUNDAY, SEPTEMBER 8, 1985

8.00 am STATE OF THE ART

Paul TESSIER

Paris — France

9.00 am CRANIOFACIAL SYNOSTOSIS

Chairmen : Joseph McCARTHY (USA) - Daniel MARCHAC (France)

- 23 — Craniosynostosis and the cranial base
8' Jeffrey MARSH Michael W. VANNIER Saint Louis — U.S.A.
- 24 — Infant craniosynostosis surgery
8' Kenneth E. SALYER Emmanuel E. UBINAS Steven L. SNIVELY Dallas — U.S.A.
- 25 — A therapy for severe craniosynostosis
5' J. MUHLING J. REUTHER N. SORENSEN Wurzburg — West Germany
- 26 — Selection of surgical approaches for the correction of metopic synostosis
6' John A. JANE Charlottesville — U.S.A.
- 26 bis — Apert and Crouzon syndromes contrasted. Qualitative Cranio-Facial X-ray findings
8' Sven KREIBORG Copenhagen — Denmark
- 27 — The osseous anatomy of unilateral coronal synostosis
8' J.L. MARSH M. GADO M.W. VANNIER Saint-Louis — U.S.A.
W.G. STEVENS
- 28 — Skulls with unilateral coronal synostosis
8' Jean-François TULASNE Paul TESSIER Paris — France
- 29 — Plagiocephaly Vs torticollis
5' Henry KAWAMOTO Santa Monica — U.S.A.
- 30 — Intracranial pressure recordings. Analysis of 300 cases
8' Dominique RENIER Daniel MARCHAC Paris — France
- 31 — Consequences on I.Q. of early or late operations for cranio-synostosis
3' L. BRUNET D. RENIER D. MARCHAC Paris — France
- 32 — Timing and treatment of the patients with craniosynostosis
8' Linton A. WHITAKER Luis SCHUT Derek BRUCE Philadelphia — U.S.A.
Scott BARTLETT
- 33 — Early facial advancement in craniofacial stenosis
8' W. MUHLBAUER Hans ANDERL Munich — West Germany
- 34 — Early frontofacial monobloc advancement
8' D. MARCHAC D. RENIER Paris — France

constant

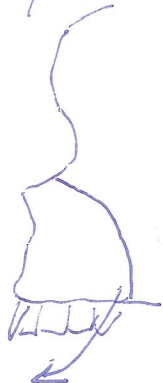
more than expected high % poor correlation fundoscopic exam.

discuss re complications

Notes

Tessier & Treacher Collins

① left π rotation to elongate
 pterygoid. B6 defects



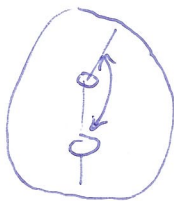
② Sag splits rot-adv
 mandible

③ genioplasty

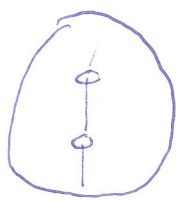
④ OBG esp zygo.

23 Marsh

Following plagiocephaly π 3D CT of cranial base



pre op

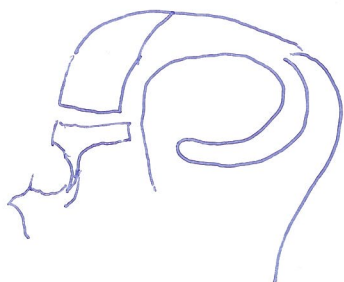


post op

— angle tends to
 normalize

Conclusion: Rx of cranial vault will normalize
 cranial base.

25: Combined frontal-orb adv. π port craniectomy
 — allow brain to mould port seq., leaves parietal seq.
 intact to stabilize frontal seq.



SUNDAY, SEPTEMBER 8, 1985

11.00 am CRANIOFACIAL SYNOSTOSIS (continued)

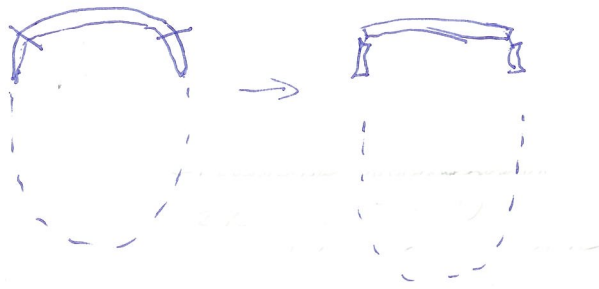
Chairmen : Bengt JOHANSON (Sweden) - Linton WHITAKER (USA)

- 35 — Newly developed techniques for the treatment of craniofacial dysostosis
8' Hideo NAKAJIMA Tokyo — Japan
- 36 — Barrell stave osteotomy for correction of turribrachycephaly craniosynostosis deformity
6' J.A. PERSING M.T. EDGERTON J.A. JANE Charlottesville — U.S.A.
- 37 — Skull expansion — two technical suggestions
3' Kuldip Singh GOLERIA Bombay — India
- 38 — Problems of the cranial height in the surgical correction of craniosynostosis
6' Hiroshi KAMIISHI Nozomu KUROZUMI Katsuyuki TORIKAI
Nobuyuki SHIOYA Osaka and Kanagawa — Japan
- 39 — Surgical treatment of overelevation in adduction in patients with craniostenosis
3' Gary R. DIAMOND Philadelphia — U.S.A.
- 40 — Correction of scaphocephalies with forehead remodeling
3' D. MARCHAC D. RENIER Paris — France
- 41 — Management of a complex case of Crouzon's syndrome
3' P. GARCIA PODESTA A. NEGROTTO J. DE VECCHI
R. VILLAGRAN A. MONTALDO P. BENEDEK
J.J. HORNBLAS Montevideo — Uruguay
- 42 — Secondary osteotomies for simple craniosynostosis
6' Louis MORALES Jr Salt Lake City — U.S.A.
- 43 — Recurrence of exorbitism after midface advancement
3' Shinichi HIRABAYASHI Tokyo — Japan
- 44 — Anatomy and growth of the pterygomaxillary region in relation to Le Fort procedures
5' D. OUSTERHOUT B. MELLESEN San Francisco — U.S.A.

Argues against early osteotomy

Notes

35 - lateral wing of septa can be turned over



Per L.A.W -
May just as easily be done \pm bending wings

36 - Get reprint

SUNDAY, SEPTEMBER 8, 1985

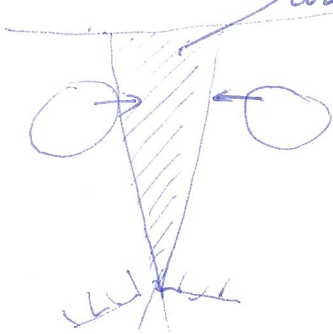
2.00 pm MEDIAN AND PARAMEDIAN CLEFTS

Chairmen : Jacques Van der MEULEN (Netherlands) - Michel STRIKER (France)

- 45 — 3 D computerised reconstruction of facial clefts
8' D.J. DAVID D.C. HEMMY P. TESSIER Adelaïde — Australia
- 46 — Teleorbitism — surgical treatment
8' Cassio M. RAPOSO-AMARAL Sao Paulo - Brazil
- 47 — The geometrical planning of hyper teleorbitism correction
8' Fernando ORTIZ-MONASTERIO Mexico City — Mexico
- 48 — Hyperteleorbitism with herniation of brain and pituitary gland into the oral cavity
3' Hermann SAILER Zurich — Switzerland
- 49 — An operative experience with a case of facial duplication
3' Kitaro OHMORI Tokyo — Japan
- 50 — Treatment of teleorbitism in patients with severe medial orbital wall hypoplasia or anatomic distorsion
3' J. HESTER Ian JACKSON Atlanta — U.S.A.
- 51 — Problems in management of the median cleft deformity
3' S.T. LEE Singapour
- 52 — Rare clefts
8' Jacques Van Der MEULEN Rotterdam — The Netherlands
- 53 — Naso Maxillary and maxillary clefts
8' Casimir KOBUS Polaniça — Poland
- 54 — Correction of surgical clefts 2 — 10
3' Louis MORALES Salt Lake City — U.S.A.
- 55 — New imaging modalities for meningoencephalocèles and craniofacial dysraphism.
6' Thomas H. SMITH E.A. ARMSTRONG Kenneth SALYER Dallas — U.S.A.
- 56 — Frontoethmoidal encephalomeningocele. Surgical treatment and anthropometrical reconstruction
8' Antonio FUENTE DEL CAMPO Mexico City — Mexico

Notes

47. Use AP ceph, calculate angles, use cut outs
area to be resected.



4.00 pm MISCELLANEOUS TECHNIQUES AND IDEAS

Chairmen : Fernando ORTIZ-MONASTERIO (Mexico) - Kenneth SALYER (USA)

- 57 — A safe technique for harvesting cranial bone grafts in situ : a guided osteotome
 3' P.M. HENDEL J.M. NADELL New Orleans — U.S.A.
- 58 — Use of hydroxyapatite as on onlay graft material
 3' Kenneth E. SALYER Steven L. SNIVELY Emmanuel E. UBINAS Dallas — U.S.A.
- 59 — Moulding craniofacial skeleton with a paste of concentrated fibrin and bone dust
 3' Hans ANDERL Wolfgang MUHLBAUER Daniel MARCHAC Innsbruck — Austria
- 60 — Use of prepared cadaver bone in cranial reconstruction : a preliminary report.
 6' M. POOLE M. BRIGGS G. ASHWORTH
 M. TIMMONS Oxford — England
- 61 — Repair of major defects of the cranial vault using cranial homografts, sterilized by gamma rays.
 6' L. MERVILLE C. BRUNET P. DEROME
 A. VISOT Paris — France
- 62 — Bone graft with one side facing to the air
 3' Yu-Ray CHEN Taiwan — Taipeh
- 63 — Bone regeneration of rib donor site
 3' Yu-Ray CHEN Taiwan — Taipeh
- 64 — Tissue expansion in craniofacial surgery
 6' Louis C. ARGENTA Ann Arbor — U.S.A.
- 65 — Frontal bone deformity with bilobed lipomas
 3' Ralph A. KLOEHN Milwaukee — U.S.A.
- 66 — Total jaw reconstruction with bilateral vascularized cranial bone flaps.
 3' Scott L. SPEAR Alfred J. LUESSENHOP Washington — U.S.A.
- 67 — Congenital aplasia of the maxilla
 3' Kuldip Singh GOLERIA Bombay — India
- 68 — The use of partial glossectomy in orthognatic surgery : a speech pathologist's opinion
 3' Mary Anne WITZEL Toronto — Canada
- 69 — Reconstruction of the nonfunctioning orbit
 3' Mutaz B. HABAL Tampa — U.S.A.
- 70 — Cranial approach in 43 cases — Experience of a multidisciplinary group in South America : Santiago de Chile
 6' Oscar CONTRERAS Luciano BASAURI Miguel GONZALES
 Rodrigo VILLALOBOS Jaime CONTARDO Santiago — Chile

*as long as periosteum not destroyed
 nb ends covered 2 periosteum
 nb will regenerate*

Notes

61 - good results using allograft calvarium

59 Criticism — cannot really determine if paste surviving — likely not

66 Spec

Flap design

— not well vascularized



69

Sclerotomy

Coronal incision

temporal m. flap for vasc.

orbitalotomy laterally for flap feed

orbitalotomy to reposition orbit
or necessary

D.g. (a.b.g) behind superciliae to
provide feel

fascia sling to lower eyelid.

good

MONDAY, SEPTEMBER 9, 1985

Chairmen : Henry KAWAMOTO (USA) - Milton EDGERTON (USA)

8.00 am VARIOUS FACIAL OSTEOTOMIES :

- 71 — Self-retained Le Fort I osteotomy
3' Ian R. MUNRO Toronto — Canada
- 72 — A new osteotomy of the maxilla without bone grafts
3' George M. PSILLAKIS Sao Paulo — Brazil
- 73 — Use of miniplates in craniofacial surgery
3' W. MULHBAUER Hans ANDERL Munich — West Germany
- 74 — Cranio-maxillo-facial surgery and mini-plates ; elimination of intermaxillary fixation. Comparison of systems.
3' Ian R. MUNRO *Lehm, Steinhäuser* Toronto — Canada
- 75 — Unilateral vertical orbital dystopia
6' M.J.C. WAKE A.D. HOCKLEY J.H. GOLDIN Birmingham — England
- 76 — Zygomatic advancement in Down's Syndrome. Crescent shape lateral orbital osteotomy and advancement with cranial bone graft to zygoma and bridge of the nose for rehabilitation of facial stigmata in Down's Syndrome.
3' Menachem-Ron WEXLER Jerusalem — Israël
- 77 — Modification of orbital osteotomy in mid-facial advancement
3' E. STEINHAUSER Erlangen — West Germany
- 78 — Orbital expansion by sagittal splitting
3' Michel STRICKER Nancy — France
- 79 — A method of treating exophthalmos by extensive lateral orbital wall decompression
3' Linton A. WHITAKER *gued 23mm correction* Philadelphia — U.S.A.

9.00 am LATERAL CLEFTS. VASCULARISED BONE AND GALEAL FLAPS :

- 80 — The In Vivo anatomy of mandibulofacial dysostosis (Treacher Collins Syndrome)
8' Jeffrey L. MARSH Michael W. VANNIER Scott E. CELIN Saint-Louis — U.S.A.
- 81 — Treacher Collins : malar bone reconstruction with a composite frontal bone flap.
3' J.M. VAANDRAGER J.C. VAN DER MEULEN Rotterdam — Holland
- 82 — Vascularized Cranial bone grafts and growth : an experimental study
6' Robert G. COLCLEUGH London — Canada
- 83 — Cranial (calvarial) bone grafts : an overview
8' Joseph G. McCARTHY New York — U.S.A.
- 84 — Clinical applications of the vascularized temporal myo-osteo flap (TMOF)
6' Emmanuel E. UBINAS Kenneth E. SALYER Philip HENDEL Dallas — U.S.A.
- 85 — Pedicled bone graft from the skull : Anatomy and clinical application
6' George PSILLAKIS Sao Paulo — Brazil
- 86 — Cranial bone flap vascularized by temporal muscle or fascia
3' Toyomi FUJINO Hideo NAKAJIMA Tokyo — Japan
- 87 — Temporal bone graft : a new technique in craniofacial surgery
3' Scott L. SPEAR Washington — U.S.A.
- 88 — The osteomuscular temporal flap in the reconstruction of the mandible
3' E. CARONNI L. INFUSO A. SPINARDI Milano — Italy
- 89 — Prefabricated parietal osteocutaneous island flap
3' David FURNAS Orange — U.S.A.
- 90 — Use of the galea in reconstructive craniofacial surgery
6' D. MONTANDON R. GUMENER F. MARTY Geneve — Switzerland
- 91 — Galeal flaps in cranio-facial surgery
6' Michel STRICKER Nancy — France

Notes

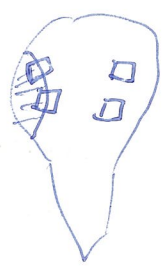
71. Upper slab cut & upward inclination from Ant → post so when sliding forward elongates as well



77. Use modified orbital floor osteotomy passing in front of lacrimal crest. Avoids need for medial canthopexy.

82

Doop
Based on temporal vessels



Growth 50% in vase.
No growth in free grafts

Microradiography to eval architecture

McCordy:

Venous plex in galea & ∴ direction must be turned sub fascicular

MONDAY, SEPTEMBER 9, 1985

Chairmen : George PSILLAKIS (Brazil) - David J. DAVID (Australia)

10.30 pm FREE FLAPS IN CRANIOFACIAL SURGERY :

- 92 — Microsurgery and craniofacial surgery
6' Adolfo S. MONTOYA Madrid — Spain
- 93 — Reconstruction of an orbit with bone grafts and a free flap
3' Ti-sheng CHANG Shanghai — China
- 94 — Composite free flap reconstruction for severe hemifacial microsomia
3' D.J. DAVID E. TAN North Adelaide — Australia
- 95 — The role of microvascular surgery in craniofacial surgery
6' Bahman GUYURON Cleveland — U.S.A.

11.00 am CRANIOFACIAL SURGERY FOR TRAUMA :

- 96 — Immediate bone grafting in gunshot injury to the face. A case report.
3' Patricia K. GOMUWKA Newport News — U.S.A.
- 97 — Enophtalmos : mecanisms and results of correction
8' Paul N. MANSON Nicholas T. ILIFF Baltimore — U.S.A.
- 98 — Secondary treatment of post-traumatic enophtalmos
6' Linton A. WHITAKER Michal C. STALNECKER James A. KATOWITZ Philadelphia — U.S.A.
- 99 — Osteotomies vs bone grafting in enophtalmos and dystopia of the eye
3' Emmanuel E. UBINAS Kenneth E. SALYER Dallas — U.S.A.
- 100 — Early experience in craniofacial anomalies
8' Reed O. DINGMAN Ann Arbor — U.S.A.

11.30 am COMPLICATIONS — PSYCHOLOGICAL ASPECTS :

- 101 — Peri-operative management of craniofacial surgery in infants and children
6' Stanley L. LOFTNESS Denver — U.S.A.
- 102 — Usefulness of computed tomography and 3D-CT reconstruction in evaluating complications of craniofacial procedures.
3' Edward A. AMSTRONG Dallas — U.S.A.
- 103 — Tracheal stenosis in Apert's Syndrome
3' J.A. TROTT D.J. DAVID North Adelaide — Australia
- 104 — Infection in transcranial surgery : a ten year experience
8' D. J. DAVID R.D. COOTER North Adelaide — Australia
- 105 — Local hyperfibrinolisis in craniofacial surgery
3' E. NOVOA J. DECARO J. DE VECCHI
R. VILLAGRAN A. NEGROTTO Montevideo — Uruguay
- 106 — Reimplantation of sterilized autologous frontal bone flap after removal in consequence of infection
3' Hans ANDERL Wolfgang MÜHLBAUER K. TWERDY Innsbruck — Austria
- 107 — The effects of facial deformities and physical attractiveness on mother-infant bonding relationships
3' A. Gayle JENSEN R. Christopher BARDEN Marcy ROGERS-SALYER
Martin FORD Kenneth E. SALYER Dallas — U.S.A.
- 108 — Psychosocial outcome of craniofacial surgery in children
6' Michael J. PERTSCHUK Linton A. WHITAKER Philadelphia — U.S.A.

ADJOURN

Notes

We wish to thank the following companies who have kindly supported this meeting:

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