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 subspeciality 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 fruitful as we all wish.

Welcome to France.

Daniel MARCHAC
Congress Chairman

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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 minimise 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.

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PROGRAMME

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<th>Monday, September 9</th>
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<td>08.00 am</td>
<td></td>
<td>State of the Art by Paul TESSIER</td>
<td>Various Facial Osteotomies</td>
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<td>09.00 am</td>
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<td>Lateral Clefts</td>
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<td>10.00 am</td>
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<td>Cranio-Facial synostosis</td>
<td>Bone and Galeal Flaps</td>
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<td>11.00 am</td>
<td>REGISTRATION SLIDES CHECK-IN</td>
<td>LUNCH by the swimming-pool</td>
<td>Free Flaps and C.F.</td>
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<tr>
<td>12.00 am</td>
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<td>C.F. for Traumas</td>
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<td>01.00 pm</td>
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<td>Complications</td>
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<td>02.00 pm</td>
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<td>Psychological Aspects</td>
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<td>03.00 pm</td>
<td>Analysis and 3-D Imaging</td>
<td></td>
<td>Adjourn</td>
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<tr>
<td>04.00 pm</td>
<td>Craniofacial Surgery for Tumors</td>
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<td>05.00 pm</td>
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<tr>
<td>06.00 pm</td>
<td>General Assembly International Society of</td>
<td></td>
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<tr>
<td>07.00 pm</td>
<td>CranioMaxilloFacial Surgery</td>
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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


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)
Ian R. MUNRO (Canada)
Joseph E. MURRAY (USA)
Fernando ORTIZ-MONASTERIO (Mexico)
George M. PSILLAKIS (Brazil)
Kenneth E. SALYER (USA)
Michel STRICKER (France)
Paul L. TESSIER (France)
Jacques VAN DER MEULEN (Holland)
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
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.  
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.

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.  
6’ Lawrence P. KERR  Samuel P. PEJO  Parvati DEV  New York — U.S.A.

6 — Computer generated three dimensional facial shape analysis.  
6’ Court B. CUTTING  Fred BOOKSTEIN  Joseph G. McCARTHY  New-York — U.S.A.

7 — Computer designed prosthesis for reconstruction of the bony orbit.  
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  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.  
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  Paris — France
M. de NICOLA  J. TAMRAZ  R. CAVEZIAN

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.
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
   J. HEREDERO E. LALINDE
   Madrid — Spain

13 — Facial disassembly for tumor resection.
8’ Claes LAURITZEN
   Göteborg — Sweden

14 — Oncologic cranio-orbital surgery
6’ Richard E. SABATIER James H. WIEINTRUB
   Houston — U.S.A.

15 — Craniofacial masses: perspective of imaging in craniofacial management.
3’ Edward A. AMSTRONG
   Dallas — U.S.A.

16 — Combined intracranial and intranasal approach for resecting a Chondroma in a 5 weeks old child.
3’ Hans ANDERL V. GRUNERT Wolfgang MÜLHBHAUSER
   Innsbruck — Austria

17 — Cranio-orbital fibrous dysplasia: radical resection and immediate reconstruction with split calvarial bone graft.
6’ Camillo CURIONI Luigi CLAUSER
   Vincenza — Italy

18 — Maxillary-orbital fibrous dysplasia — radical treatment.
8’ I.R. MUNRO P. KAY
   Toronto — Canada

19 — Composite transcranial orbitalctomy: evolving principles and techniques.
6’ Harvey M. ROSEN
   Philadelphia — U.S.A.

20 — Craniofacial surgical techniques in the management of the tumors of the orbital region: 2 cases report.
6’ P. Garcia PODESTA A. NEGROTTO R. WILLAGRAN
   J. DE VECCHI A. MONTALDO J.J. HORNBLAS
   Montevideo — Uruguay

21 — Orbital teratomas associated with microphthalmic corneal cyst.
3’ James A. KATOWITZ Derek BRUCE Linton A. WHITAKER
   Philadelphia — U.S.A.

22 — Present status of craniofacial surgery in China
6’ Ti-sheng CHANG
   Shanghai — China
12. Approach for medial orbit/nose
   Coronal
   Weber-Ferguson
   Resr. Temporal muscle
   BG

14. Using transpyelar/full myocutaneous flap to
    reconstruct soft tissue —artery can
    reach variety of origin taken down & Island
    created.
8.00 am STATE OF THE ART

Paul TESSIER

9.00 am CRANIOFACIAL SYNOSTOSIS

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

23 — Craniostenosis and the cranial base
   8’ Jeffrey MARSH               Michael W. VANNIER

24 — Infant craniostenosis surgery
   8’ Kenneth E. SLYER           Emmanuel E. UBINAS Steven L. SNIVELY

25 — A therapy for severe craniostenosis
   5’ J. MUHLING                 J. REUTHER     N. SORENSEN

26 — Selection of surgical approaches for the correction of metopic synostosis
   6’ John A. JANE

26 bis — Apert and Crouzon syndromes contrasted. Qualitative Cranio-Facial X-ray findings
   8’ Sven KREIBORG

27 — The osseous anatomy of unilateral coronal synostosis
   8’ J.L. MARSH                 M. GADO       M.W. VANNIER
   W.G. STEVENS

28 — Skulls with unilateral coronal synostosis
   8’ Jean-François TULASNE      Paul TESSIER

29 — Plagiocephaly Vs torticollis
   5’ Henry KAWAMOTO

30 — Intracranial pressure recordings. Analysis of 300 cases
   8’ Dominique RENIER           Daniel MARCHAC

31 — Consequences on I.Q. of early or late operations for cranio-synostosis
   3’ L. BRUNET                  D. RENIER     D. MARCHAC

32 — Timing and treatment of the patients with craniosynostosis
   8’ Linton A. WHITAKER         Luis SCHUT    Derek BRUCE
       Scott BARTLETT

33 — Early facial advancement in craniofacial stenosis
   8’ W. MUHLBAUER               Hans ANDERL

34 — Early frontofacial monobloc advancement
   8’ D. MARCHAC                 D. RENIER
Fossa & Medial Collum
   1. defect II = rotation to elongate
      internally. 86 defects
   2. Seq splits not ado
      Mandible
   3. Genophaity
   4. OBG esp zyg.

23 March
Following plagiocephaly T 3D CT of cranial base

Conclusions: R of cranial vault will normalize cranial base.

25. Combined fronto-orb. add. T post craniectomy
    - allows plan to mould post seq. leaves frontal seq.
    intact to stabilize frontal seq.
11.00 am CRANIOFACIAL SYNOSTOSIS (continued)

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

35 — Newly developed techniques for the treatment of craniofacial dysostosis
8’ Hideo NAKAJIMA

36 — Barrell stave osteotomy for correction of turribrachycephaly craniosynostosis deformity
6’ J.A. PERSING M.T. EDGERTON J.A. JANE

37 — Skull expansion — two technical suggestions
3’ Kuldip Singh GOLERIA

38 — Problems of the cranial height in the surgical correction of craniosynostosis
6’ Hiroshi KAMIISHI Nozomu KUROZUMI Katsuyuki TORIKAI
Nobuyuki SHIOYA

39 — Surgical treatment of overelevation in adduction in patients with craniostenosis
3’ Gary R. DIAMOND

40 — Correction of scaphocephalies with forehead remodeling
3’ D. MARCHAC D. RENIER

41 — Management of a complex case of Crouzon’s syndrome
3’ P. GARCIA PODESTA A. NEGROTTO J. DE VECCHI
R. VILLAGRAN A. MONTALDO P. BENEDER
J.J. HORNBLAS

42 — Secondary osteotomies for simple craniosynostosis
6’ Louis MORALES Jr

43 — Recurrence of exorbitism after midface advancement
3’ Shinichi HIRABAYASHI

44 — Anatomy and growth of the pterygomaxillary region in relation to Le Fort procedures
5’ D. OUSTERHOUT B. MELSEN

Age versus early osteotomy
35 - lateral view of septum bar turned over

Par L.A.W - may just use early he back to bending wrap

36 - get reprint
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
       Adelaide — 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 — Hypoteleorbitism 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
       Singapur

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 meningoencephaloceles and craniofacial dysraphism.
   6'   Thomas H. SMITH     E.A. ARMSTRONG     Kenneth SALYER
       Dallas — U.S.A.

56 — Frontoethmoidal encephalomenigocele. Surgical treatment and anthropometrical reconstruction
   8'   Antonio FUENTE DEL CAMPO
       Mexico City — Mexico
47. Use the copora, calculate angles, use each area to be assessed.
### 4.00 pm MISCELLANEOUS TECHNIQUES AND IDEAS

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

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

59. Critic: cannot really determine if paste swells; likely not.

66. Spear

Flap design: not well vascularized.

69. Solution:
Cerebral incision
Temporal m. flap for paresis.
Orbitotomy laterally for flap feed.
Orbitotomy to expedite orbit reconstruction.

Dq: (a bq) behind temples to provide fill.
Fascia sling to lower eyelid.
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
72 — A new osteotomy of the maxilla without bone grafts
   3'  George M. PSILLAKIS
73 — Use of miniplates in craniofacial surgery
   3'  W. MULBAUER  Hans ANDERL
74 — Cranio-maxillo-facial surgery and mini-plates; elimination of intermaxillary fixation. Comparison of systems.
   3'  Ian R. MUNRO
75 — Unilateral vertical orbital dystopia
   6'  M.J.C. WAKE  A.D. HOCKLEY  J.H. GOLDBIN
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
77 — Modification of orbital osteotomy in mid-facial advancement
   3'  E. STEINHAUSER
78 — Orbital expansion by sagittal splitting
   3'  Michel STRICKER
79 — A method of treating exophthalmos by extensive lateral orbital wall decompression
   3'  Linton A. WHITAKER

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
81 — Treacher Collins: malar bone reconstruction with a composite frontal bone flap.
   3'  J.M. VAANDRAGER  J.C. VAN DER MEULEN
82 — Vascularized Cranial bone grafts and growth: an experimental study
   6'  Robert G. COLCLEUGH
83 — Cranial (calvarial) bone grafts: an overview
   8'  Joseph G. McCARTHY
84 — Clinical applications of the vascularized temporal myo-osteo flap (TMOF)
   6'  Emmanuel E. UBINAS  Kenneth E. SLYER  Philip HENDEL
85 — Pedicled bone graft from the skull: Anatomy and clinical application
   6'  George PSILLAKIS
86 — Cranial bone flap vascularized by temporal muscle or fascia
   3'  Toyomi FUJINO  Hideo NAKAJIMA
87 — Temporal bone graft: a new technique in craniofacial surgery
   3'  Scott L. SPEAR
88 — The osteomuscular temporal flap in the reconstruction of the mandible
   3'  E. CARONNI  L. INFUSO  A. SPINARDI I. HARARI
89 — Prefabricated parietal osteocutaneous island flap
   3'  David FURNAS
90 — Use of the galea in reconstructive craniofacial surgery
   6'  D. MONTANDON  R. GUMENER  F. MARTY  A. ZBRODOWSKY
91 — Galeal flaps in cranio-facial surgery
   6'  Michel STRICKER
71. User step cut & upward resection from Ant -> post. when sliding forward along the arch well.

77. User modified orbital floor eversion perig of fellow of blepharoval repair. Avoided need for medial antrostomy.

82. Dog
Based on temporal vessels.

Growth 50% in nare. No growth in free grafts.

Microangiography to eval architecture.

McCutcheon:
Venous plexus in galea. dist. detection must be aimed sub follicular.
**MONDAY, SEPTEMBER 9, 1985**

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

### 10.30 pm FREE FLAPS IN CRANIOFACIAL SURGERY:

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<td>92</td>
<td>Microsurgery and craniofacial surgery</td>
<td>Adolfo S. MONTOTOYA</td>
<td>Madrid</td>
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<td>93</td>
<td>Reconstruction of an orbit with bone grafts and a free flap</td>
<td>Ti-sheng CHANG</td>
<td>Shanghai</td>
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<td>94</td>
<td>Composite free flap reconstruction for severe hemifacial microsomia</td>
<td>D.J. DAVID E. TAN</td>
<td>North Adelaide</td>
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<td>95</td>
<td>The role of microvascular surgery in craniofacial surgery</td>
<td>Bahman GUYURON</td>
<td>Cleveland</td>
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### 11.00 am CRANIOFACIAL SURGERY FOR TRAUMA:

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<td>96</td>
<td>Immediate bone grafting in gunshot injury to the face. A case report.</td>
<td>Patricia K. GOMUWKA</td>
<td>Newport News</td>
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<td>97</td>
<td>Enophthalmos: mecanisms and results of correction</td>
<td>Paul N. MANSON Nicholas T. ILIFF</td>
<td>Baltimore</td>
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<td>98</td>
<td>Secondary treatment of post-traumatic enophthalmos</td>
<td>Linton A. WHITAKER Michal C. STALNECKER James A. KATOWITZ</td>
<td>Philadelphia</td>
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<td>99</td>
<td>Osteotomies vs bone grafting in enophthalmos and dystopia of the eye</td>
<td>Emmanuel E. UBINAS Kenneth E. SALYER</td>
<td>Dallas</td>
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<td>100</td>
<td>Early experience in craniofacial anomalies</td>
<td>Reed O. DINGMAN</td>
<td>Ann Arbor</td>
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### 11.30 am COMPLICATIONS — PSYCHOLOGICAL ASPECTS:

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