INSTITUTE OF MAXILLO-FACIAL TECHNOLOGY



INTERNATIONAL CONGRESS on MAXILLO-FACIAL PROSTHETICS AND TECHNOLOGY

The Royal College of Surgeons of England
Lincoln's Inn Fields, London
and
The Froebel Institute College

6th - 10th SEPTEMBER, 1983

Roehampton, London

INSTITUTE OF MAXILLO-FACIAL TECHNOLOGY

President:

Professor D.E. Poswillo, BDS.,DDS.,DSc.,FDSRCS.,FRACDS.,FI.Biol., FRCPath.

Immediate Past President:

Mr. P.B. Clarke, OBE., TD., BSc., MB., ChB., BDS., FDSRCS. (Eng).

President Elect:

Mr. I.H. Heslop, MB., BS., BDS., FDSRCS. (Eng).

COUNCIL:

Chairman:

Mr. P.P. Burfield, FIMFT.

Vice-Chairman & Membership Secretary:

Mr. R.E. Eden, FIMFT.

Honorary Secretary:

Mr. P.L. Smith, FIMFT.

Honorary Treasurer:

Mr. K.S. Tooke, FIMFT.

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Council Members:

Mr. G. Pratt, FIMFT.

Mr. C. Haylock, MIMFT.

Mr. B. Harris, MIMFT.

Mr. G. Sweeney, MIMFT.

Mr. M.A. Thompson, MIMFT.

Mr. B. Griffiths, MIMFT.

Overseas Representative: Mr. R. W. Tolmiejer, FIMFT.

The International Congress on Maxillo-Facial Prosthetics and Technology will be organised and hosted by the Institute of Maxillo-Facial Technology in close collaboration with the following organisations who have accepted an invitation to participate in the scientific proceedings:

The British Association of Oral and Maxillo-Facial Surgeons

President: Mr. M.S. Jones, BDS.FDSRCS.

Honorary Secretary: Professor J. Sowray, MB.BS.FDSRCS.

The Swedish Association of Maxillo-Facial Technologists

Chairman: Mr. S. Gunnarsson, MIMFT.

Honorary Secretary: Miss K. Edstrom, MIMFT.

The Dutch Society of Maxillo-Facial Technologists

Chairman: Mr. H. Ferwerda

Honorary Secretary: Mr. F. Sluiter

The Dutch Society of Prosthetic Dentistry

President: Professor Dr. P.A.E. Sillevis-Smitt

Honorary Secretary: Dr. S. Engels

The Association of Head and Neck Oncologists of Great Britain

President: Mr. I. MacGregor, FRCS.

Honorary Secretary: Mr. P. McKelvie, FRCS.

The Swedish Association of Oral Surgeons

President: Dr. E. Jansson

Honorary Secretary: Dr. A. Joran.

AIMS OF THE CONGRESS

To provide a forum where Surgeons, Clinicians, Material Scientists, Medical Social Workers and Members of the Maxillo-Facial Prosthetic Team can meet in order to discuss common problems associated with the provision of Maxillo-Facial Prosthetic Restoration and Rehabilitation. It is hoped that the Scientific Proceedings, Displays and Demonstrations will help to identify recent developments in clinical and prosthetic management and, in turn, those areas that would benefit from futher research and improvement.

REGISTRATION

Facilities to allow delegates and their accompanying guests to register for the Congress and the associated social programme will be provided at the following times:

Sunday 4th September 3.00 pm -6.00 pm and 7.00 pm -8.00 pm in the Common Room at the Froebel Institute.

Monday 5th September 10 am - 12 noon, 2.00 pm - 4.00 pm and 6.00 pm - 7.45 pm.

Tuesday 6th September – facility will be provided at the Royal College of Surgeons for those delegates who will attend for that day only to register for the Congress -8.00 am -8.45 am and 9.45 am -10.15 am.

For those delegates arriving on Tuesday evening, facilities for registration will be provided between 6.30-7.45 in the common room at the Froebel Institute.

Wednesday, Thursday and Friday registration can be made between 8.00 am - 9.00 am in the entrance to the main Lecture Theatre area at the Froebel Institute.

BRITISH CALEDONIAN AIRWAYS HAVE KINDLY CONSENTED TO ACT AS THE OFFICIAL CARRIER FOR THE INTERNATIONAL CONGRESS. THE ORGANISING COMMITTEE WISH TO ACKNOWLEDGE THEIR GRATITUDE TO BRITISH CALEDONIAN AIRWAYS FOR THEIR GENEROUS SUPPORT IN GIVING A TRAVEL FELLOWSHIP TO ONE OF THE PRINCIPAL GUEST SPEAKERS.



INTERNATIONAL CONGRESS ON MAXILLO-FACIAL PROSTHETICS AND TECHNOLOGY

OPENING CEREMONY ROYAL COLLEGE OF SURGEONS OF ENGLAND, LONDON 6th September 1983

- 8.40 a.m. A Selection of Music will be played by musicians from the Royal Artillery Band, by kind permission of the Director of Music of the Royal Artillery Regiment in the Edward Lumley Hall.
- 8.45 a.m. Arrival of the Lord Mayor of Westminster, Councillor Mrs. Phoebette Sitwell, at the Royal College of Surgeons.
- 8.55 a.m. Arrival of Her Royal Highness The Duchess of Gloucester at the Royal College of Surgeons. Her Royal Highness will be received by the Lord Mayor of Westminster and the President of the Royal College of Surgeons, Professor G. Slaney.

On entering the Royal College the following Senior Officers and their ladies of the Institute of Maxillo-Facial Technology and the British Association of Oral and Maxillo-Facial Surgeons will be presented to Her Royal Highness The Duchess of Gloucester:

Professor D.E. Poswillo, President of the Institute of Maxillo-Facial Technology and Mrs. E. Poswillo.

Mr. P.P. Burfield, Chairman of the Institute of Maxillo-Facial Technology and Mrs. D. Burfield.

Mr. P.L. Smith, Honorary Secretary of the Institute of Maxillo-Facial Technology and Mrs. F. Smith.

Mr. M.S. Jones, President of the British Association of Oral and Maxillo-Facial Surgeons, and Mrs. M. Jones.

Miss K. Jansson, Associate Overseas Member of the Institute of Maxillo-Facial Technology, will present a bouquet of flowers to Her Royal Highness on behalf of the delegates attending the International Congress.

9.00 a.m. Fanfare of Trumpets by the Herald Trumpeters of the Royal Artillery Band. (All be upstanding).

The procession of dignatories will enter the Edward Lumley Hall and take their places on the platform and on the front row.

Order of Procession

The College Beadle

Left Right

Professor G. Slaney, President of the Royal College of Surgeons of England. Her Royal Highness The Duchess of Gloucester.

Mr. M.S. Jones, President of the British Association of Oral and Maxillo-Facial Surgeons.

Professor D. E. Poswillo, President of the Institute of Maxillo-Facial Technology.

Mr. P.P. Burfield, Chairman of the Institute of Maxillo-Facial Technology.

Professor G. R. Seward, The Vice-Dean of the Faculty of Dental Surgery of The Royal College of Surgeons of England.

Mr. S. Gunnarsson, Chairman of the Swedish Association of Maxillo-Facial Technologists

Mr. H. Ferwerda Chairman of the Dutch Society of Maxillo-Facial Technologists

Mr. I. McGregor, President of the Association of Head and Neck Oncologists of Great Britain. The Lady in Waiting

The Lord Mayor of Westminster, Councillor, Mrs. Phoebette Sitwell.

Mr. P.L. Smith Honorary Secretary of the Institute of Maxillo-Facial Technology.

Mr. G.D. Gibb, CB. Chief Dental Officer, Department of Health and Social Security.

Professor P.A.E. Sillevis-Smith, President of the Dutch Society of Prosthetic Dentistry.

Dr. E. Jonsson, President of the Swedish Assocation of Oral Surgeons.

Mr. I.H. Heslop, President-Elect of the Institute of Maxillo-Facial Technology.

(The above-mentioned dignatories will be seated on the platform)

Mr. M. A. Thompson, Council Member Mr. K. Tooke, Council Member.

Mr. B. Harris, Council Member.

Mr. C. Haylock, Council Member.

Mr. R. Sharpe,

Past Chairman of the Institute.

Sir Terence Ward, CBE.
Past President of the Institute.

Mr. A.W. Moule, Past President of the Institute.

Mr. P. McKelvie, Honorary Secretary of the Association of Head and Neck Oncologists of Great Britain. Mr. G. Pratt, Council Member.

Mr. R. Eden, Council Member.

Mr. B. Griffiths, Council Member. Mr. G. Sweeney,

Council Member. Mr. R. Tolmiejer,

Senior Overseas Fellow of the Institute

Mr. N.L. Rowe, CBE.

Past President of the Institute.

Professor W.D. MacLennan, Past President of the Institute.

Professor J. Sowray, Honorary Secretary of the British Association of Oral and Maxillo-Facial Surgeons. Mr. F.D. Sluiter, Honorary Secretary of the Dutch Society of Maxillo-Facial Technologists.

Dr. S. Engels, Honorary Secretary of the Dutch Society of Prosthetic Dentistry. Miss K. Edstrom,
Honorary Secretary of the Swedish
Association of Maxillo-Facial
Technologists.
Professor Dr. E. Fossion,
Oral and Maxillo-Facial Surgeon,
University of Leuven, Belgium.

(The above-mentioned Council Members, Past Presidents and Officers of the Collaborating Associations will walk in the procession and will be seated in the front row on both sides of the Hall).

The following persons will be seated on the second rows. These persons will take their places before the commencement of the Opening Ceremony but will join the procession on its exit from the Edward Lumley Hall.

Professor P.I. Branemark, University of Gothenburg, Sweden (Principal speaker)

Dr. G. Hastings,
BioMedical Engineering Centre,
Stoke-on-Trent
(Principal speaker)

Professor U. Lekholm, University of Gothenburg, Sweden (Principal speaker)

Mr. J. Hawksford,
Consultant Oral & Maxillo-Facial
Surgeon
Newcastle-upon-Tyne
(Principal speaker)
Mrs. V. Andrews,

Queen Mary's Hospital, Roehampton Mr. P. Taylor, District Administrator, Richmond, Twickenham & Roehampton Health Authority.

Mrs. H. Earle,
Chairman, Richmond, Twickenham
& Roehampton Health Authority
Professor M. Braden,

Materials Scientist, London Hospital Dental Institute Dr. D.F. Williams, University of Liverpool (Principal speaker) Professor W. Bonfield, University of London (Principal speaker)

Dr. C. de Putter, Free University, Amsterdam, Holland. (Principal speaker)

Mr. E.W.B. Varley, Consultant Oral & Maxillo-Facial Surgeon, Cambridge, (Principal speaker)

Dr. A. Udagama Principal Speaker

Mr. R.B. Allen, Secretary of the British Dental Association, London

Miss P. Clarke, Faculty of Dentistry, Royal College of Surgeons of England Mr. G.F. Wheelock, CBE., Executive Vice-Chairman, Messrs. Martini & Rossi, London Senior Bursar, Froebel Institute College, Roehampton. Mr. S. Ames, Manager Corporate Relations, British Caledonian Airways

Wg. Cdr. J.H. Maisey,

Mrs. J. Stanton, Company Secretary, Messrs. Littlestone & Goodwin, London Mr. J.S.P. Wilson, Consultant Plastic & Reconstructive Surgeon, London.

Seating Arrangements for Dignatories and Distinguished Guests on Platform

Professor G.R. Seward, The Vice-Dean of the Faculty of Dental Surgery of the Royal College of Surgeons of England.

Mr. P.P. Burfield, Chairman of the Institute of Maxillo-Facial Technology.

Mr. M.S. Jones, President of the British Association of Oral and Maxillo-Facial Surgeons. Her Royal Highness The Duchess of Gloucester.

Professor G. Slaney, President of the Royal College of Surgeons of England.

The Lord Mayor of Westminster Councillor Mrs. Phoebette Sitwell.

Professor D.E. Poswillo, President of the Institute of Maxillo-Facial Technology.

Mr. P. L. Smith, Honorary Secretary of the Institute of Maxillo-Facial Technology.

Mr. G.D. Gibb, CB., Chief Dental Officer, Department of Health and Social Security. Mr. I.H. Heslop, President-Elect of the Institute of Maxillo-Facial Technology.

Mr. I. McGregor,
President of the Association of Head
and Neck Oncologists of Great Britain.
Mr. H. Ferwerda,
Chairman of the Dutch Society of
Maxillo-Facial Technologists.
The Lady in Waiting.

Mr. S. Gunnarsson, Chairman of the Swedish Association of Maxillo-Facial Technologists. Professor Dr. P.B.E. Sillevis Smitt, President of the Dutch Society of Prosthetic Dentistry.

Dr. E. Jonsson, President of Swedish Association of Oral Surgeons.

- 9.05 a.m. Opening of the Proceedings by the Chairman of the Institute of Maxillo-Facial Technology, Mr. P.P. Burfield.
- 9.06 a.m. Formal Welcome of Her Royal Highness The Duchess of Gloucester, distinguished guests and delegates of the International Congress to the Royal College of Surgeons of England by the President of the Royal College of Surgeons of England, Professor G. Slaney.
- 9.11 a.m. Address by Professor D.E. Poswillo, President of the Institute of Maxillo-Facial Technology who will invite Her Royal Highness The Duchess of Gloucester to officially open the International Congress on Maxillo-Facial Prosthetics and Technology.
- 9.20 a.m. Address by Her Royal Highness The Duchess of Gloucester.
- 9.25 a.m. Proposal of thanks to Her Royal Highness The Duchess of Gloucester by Mr. P.L. Smith, Honorary Secretary of the Institute of Maxillo-Facial Technology. Mr. Smith will then announce the Council's choice for the Chairman's Award of the Institute of Maxillo-Facial Technology and invite Her Royal Highness The Duchess of Gloucester to make the presentation of the Award.
- 9.27 a.m. Presentation of the Chairman's Award of the Institute of Maxillo-Facial Technology by Her Royal Highness The Duchess of Gloucester.
- 9.29 a.m. Closure of the Opening Ceremony by the Chairman of the Institute of Maxillo-Facial Technology, Mr. P.P. Burfield.
- 9.30 a.m. Fanfare of Trumpets by the Herald Trumpeters of the Royal Artillery Band. (All to be upstanding).
 The procession of dignatories will leave the Edward Lumley Hall.
 (Delegates and guests are requested to remain in their places until the procession and those seated in the front 5 rows have left the Hall).
- 9.35 a.m. Her Royal Highness The Duchess of Gloucester will visit the Trade Exhibition area in the west corridor where Mr. C. Burston, Senior Representative of the Trade Exhibitors, will be presented to Her Royal Highness.
- 9.40 a.m. Formal presentation of the Members of the Council of the Institute of Maxillo-Facial Technology, Senior Officers of the collaborating Associations and distinguished guests to Her Royal Highness The Duchess of Gloucester.
- 10.10 a.m. Departure of Her Royal Highness The Duchess of Gloucester from the Royal College of Surgeons of England, escorted by the President of the Royal College of Surgeons, the Lord Mayor of Westminster and the Honorary Congress Organiser.
- 10.12 a.m. Departure of the Lord Mayor of Westminster from the Royal College of Surgeons of England.

INTERNATIONAL CONGRESS ON MAXILLO-FACIAL PROSTHETICS AND TECHNOLOGY

Tuesday 6th September – The Royal College of Surgeons, London.

9.30 a.m. Coffee - Trade and Scientific Display Period

SCIENTIFIC PROGRAMME

SPECIAL THEME: IMPLANTS AND IMPLANT MATERIALS

- 10.20 a.m. Opening of Scientific Programme Session Chairmen: Professor D.E. Poswillo and Mr. P.P. Burfield Chairmen's Opening Remarks.
- 10.25 a.m. Professor P.I. Branemark, MD.PhD., Director of Research, The Institute for Applied Biotechnology, Gothenburg, Sweden. Theme: The Role of Implants in Cranio-Facial Surgery.
- 10.45 a.m. Dr. G. Hastings, DSc.PhD., Principal Lecturer, Bio-Medical Engineering Unit, Stoke-on-Trent.
 Theme: Non-Biological Materials currently used for Implant Purposes in the Cranio-Facial Region.
- 11.05 a.m. DISCUSSION
- 11.20 a.m. 10 minute recess
- 11.30 a.m. Session Chairmen: Mr. A.W. Moule and Mr. P.L. Smith Chairmen's Opening Remarks.
- 11.35 a.m. Dr. D.F. Williams, PhD., Senior Lecturer and Head of Department of Dental and Medical Materials, Department of Dental Sciences, University of Liverpool, Liverpool.

 Theme: Bio-Compatibility in Relation to Implant Prostheses.
- 11.55 a.m. Mr. Brian Conroy, MBE.FIMFT., Chief Maxillo-Facial Technologist, Queen Mary's Hospital, Roehampton. Theme: The Design and Construction of Implant Prostheses in Relation to Bio-Mechanical Engineering Considerations.
- 12.15 p.m. DISCUSSION
- 12.30 p.m. LUNCH Trade and Scientific Display Period

Afternoon Session

- 2.00 p.m. Session Chairmen: Mr. M.S. Jones & Mr. G. Pratt Chairmen's Opening Remarks.
- 2.05 p.m. Speaker: Mr. N.L. Rowe, CBE, FRCS. FDSRCS., Honorary Consultant Oral and Maxillo-Facial Surgeon, Westminster Hospital, London and Queen Mary's Hospital, Roehampton. Theme: Silicone Implants used in the Cranio-facial region.
- 2.20 p.m. Speaker: Professor Ulf Lekholm, MD.DDS., Department of Oral Surgery, Faculty of Dental Surgery, University of Gothenburg, Sweden.

Theme: Osseointegrated Dental Implants.

2.40 p.m. DISCUSSION

- 2.50 p.m. Speaker: Professor W. Bonfield, BSc.(Eng.)PhD.DIC.ARSM. CEng.FIM., Head of the Department of Materials Science, Queen Mary College, University of London. Theme: Hydroxyapatite Reinforced Polyethylene Implants.
- 3.05 p.m. Speaker: Dr. C. De Putter, DDS. Free University, Amsterdam, Holland. Theme: Sintered Calcium Hydroxyl apatite Implants in Dentistry and Oro-Facial Surgery.
- 3.20 p.m. DISCUSSION
- 3.30 p.m. AFTERNOON TEA and Trade Display Period
- 4.05 p.m. Session Chairmen: Prof. W.D. MacLennan & Mr. M. Thompson Chairmen's Opening Remarks.
- 4.10 p.m. Speaker:Mr. E.W. Varley, MA., MRCS.MRCP.FDSRCS., Consultant Oral and Maxillo-Facial Surgeon, Addenbroke's Hospital, Cambridge.

Theme: The Replacement of Cranial Bone by Tantalum Implant Prosthesis.

- 4.30 p.m. Speaker: Mr. J. Hawkesford, BDS.FDSRCS., Consultant Oral and Maxillo-Facial Surgeon, Newcastle General Hospital, Newcastle. Theme: Review of Alloplasts in Maxillo-Facial and Cranio-Facial Surgery.
- 4.50 p.m. DISCUSSION
- 5.10 p.m. Close of Scientific Proceedings.

Evening Session

6.30 p.m. Official Government Reception at Lancaster House.

Her Majesty's Government have kindly agreed to mark the occasion of the International Congress on Maxillo-Facial Prosthetics and Technology with an official reception which will be held at Lancaster House, London. This reception, which is primarily intended for the delegates coming from overseas, will be hosted by The Baroness Trumpington, JP., Baroness in Waiting to the Queen.

(Attendance at this reception will be by invitation only). (Transportation will be provided from the Royal College of Surgeons to Lancaster House for those delegates attending the reception and from Lancaster House to the Froebel Institute.)

8.00 p.m. The Institute of Maxillo-Facial Technology Reception for United Kingdom delegates.

This reception will be held at Templeton House, Priory Lane, by Roehampton Gate, S.W.15. and will be hosted by the President-Elect of the Institute of Maxillo-Facial Technology, Mr. I.H. Heslop, and Fellows of the Institute.

(Attendance will be by invitation only). (Transportation will be provided from the Royal College of Surgeons to the Froebel Institute, leaving the vicinity of the College at 6.30 p.m.)

INTERNATIONAL CONGRESS ON MAXILLO-FACIAL PROSTHETICS AND TECHNOLOGY

Wednesday 7th September Froebel Institute Roehampton SW15

Special Theme: The Role of Facial Prosthetics in the Management of Oro-Facial Deformity

Session Chairmen; Mr. J.S.P. Wilson and Mr. B. Conroy.

- 8.45 a.m. Chairmen's Opening Remarks.
- 9.00 a.m. Speaker: Professor G. Westbury, FRCS.FRCP., Professor of Surgery, Royal Marsden Hospital, London. Theme: The Role of Prosthetics in the Rehabilitation of Patients undergoing Cancer Therapy.
- 9.20 a.m. Speaker: Mr. John Clarke, FRCS., Consultant Plastic and Reconstructive Surgeon, Westminster Hospital and Queen Mary's Hospital, Roehampton.

 Theme: The Marriage of Reconstructive Surgery and Restorative Prosthetics in the Management of Patients with Oro-Facial Deformity.
- 9.40 a.m. Speaker: Mr. Peter Blenkinsopp, MB.BS.FDSRCS., Consultant Oral and Maxillo-Facial Surgeon, Westminster Hospital and Queen Mary's Hospital, Roehampton.

 Theme: The Clinical Management of Patients with Oro-Facial Deformity during Prosthetic Rehabilitation and the Place of Pre-Prosthetic Surgery in their Treatment.
- 10.00 a.m. DISCUSSION
- 10.20 a.m. COFFEE and Trade Display Period.
- 11.00 a.m. Session Chairmen: Mr. Ian McGregor, FRCS, and Dr. J.H. Tolmiejer. Chairmen's Opening Remarks.
- 11.05 a.m. Speaker: Dr. Ariyadasa Udagama, DDS.MSD., Associate Dental Oncologist (Maxillo-Facial), University of Texas System Cancer Centre, M.D. Anderson Hospital and Tumour Institute, Houston, U.S.A.

Theme: The Obligation of Society towards Total Care of the Patient with Oro-Facial Deformity and the Role that the Maxillo-Facial Team can Play in Providing a Prosthetic Rehabilitation Service.

(The Victor Matalon Memorial Lecture).

- 11.30 a.m. Speaker: Mr. Paul Smith, FIMFT., Senior Chief Maxillo-Facial Technologist, Wordsley Hospital, West Midlands.
 Theme: Assessment and Treatment Planning.
- 11.50 a.m. Speaker: Dr. Barry Shipman, DMD., Director of Maxillo-Facial Prosthetics, Medical College of Virginia, Virginia Commonwealth University, Richmond, Virginia, U.S.A.

 Theme: Review of Impression Materials and Facial Impression Techniques.
- 12.10 p.m. DISCUSSION
- 12.30 p.m. LUNCH Trade Display Period Scientific Displays

Afternoon Session

Special Theme: The Management of the Facial Prosthetic Patient

Session Chairmen: Professor Dr. Sillevis-Smitt and Mr. J.D. Langdon.

- 2.00 p.m. Chairmen's Opening Remarks.
- 2.05 p.m. Speaker: Mr. Jack Diner, BA.B.C.O., AIMFT., Facial Prosthetist and Ocularist, Department of Otolaryngology and Maxillo-Facial Surgery, University of Arkansas for Medical Sciences, Little Rock, Arkansas, USA.

 Theme: Considerations on Sculpting Facial Prostheses.
- 2.25 p.m. Speaker: Mr. Antti Hulterstrom, FIMFT., Chief Maxillo-Facial Technologist, University of Umea Dental High School, Umea, Sweden.
 Theme: A report on an Instrument that aids the Orientation of the Artificial Eye in an Orbital/Facial Prosthesis.
- 2.40 p.m. Speakers: Dr. Iradi Sooudi, DMD., Maxillo-Facial Prosthodentist, The Medical Centre, Birmingham, Alabama, USA., and Mr. Kenneth Green, CChem., MRCS., Technical Director, Arconium Corporation of America, Providence, Rhode Island, USA. Theme: A new Moulding Material and Laboratory Technique used in the Fabrication of Facial Prostheses.
- 3.00 p.m. DISCUSSION
- 3.15 p.m. AFTERNOON TEA Trade and Scientific Exhibition period.

Special Theme: The Management of the Facial Prosthetic Patient

Session Chairmen: Mr. I.H. Heslop and Mr. R.W. Tolmeijer.

- 3.45 p.m. Chairman's Opening Remarks.
- 3.50 p.m. Speaker: Professor Denis C. Lee, BA., Director of Medical Sculpture and Facial Prosthetic Restoration Department, University of Michigan Medical Centre, Ann Arbor, Michigan, USA.
 Theme: Facial Prosthetic Management of the Young Patient.
- 4.10 p.m. Speaker: Mr. Raymond Allen, RTT.AIMFT., Chief Technician, Prosthetics Department, Cancer Control Agency of British Columbia, Vancouver, British Columbia, Canada.

- Theme: Retinoblastoma The Influence of Different Treatment Modalities on Prosthetic Management.
- 4.30 p.m. Speaker: Mr. Brian Conroy, MBE.FIMFT., Chief Maxillo-Facial Technologist, Department of Oral and Maxillo-Facial Surgery, Queen Mary's Hospital, Roehampton, London.
 Theme: Prosthetic Rehabilitation of large Oro-Facial Defects.

4.50 p.m. DISCUSSION

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- 5.05 p.m. Trade and Scientific Exhibition period. Open until 6.30 p.m. 5.20 p.m. Table Clinics in small Lecture Theatre (1)

Social Programme

- 6.45 Reception in Queen Mary's Hospital Social Club. (This building 7.45 p.m. is immediately adjacent to Arton Wilson House, Roehampton Lane)
- 8.15 p.m. "An Old English Dinner". Froebel Institute.

Thursday 8th September - Morning Sessions - Lecture Programme A

Special Theme: Facial Prosthetic Materials

Session Chairmen: Professor M. Braden and Mr. A. Hulterstrom

- 8.45 a.m. Chairmen's Opening Remarks.
- 8.55 a.m. Speaker: Mr. R.W. Winter, MSc.C.Chem, FRSC., Materials Scientist, Bio-Materials Unit, Department of Applied Chemistry, University of Wales Institute of Science and Technology, Cardiff.

 Theme: Report on the Cosmesil Facial Prosthetic System.
- 9.15 a.m. Speaker: Mr. Mark Hulland, BSc.Grad.P.R.I.,AIMFT., Post-graduate Research Student, Bio-Materials Unit, Department of Applied Chemistry, University of Wales Institute of Science and Technology, Cardiff.
 Theme: Examination of the Prosthetic Materials currently used in Facial Prosthetics and Observations on the Materials that may
- have Potential Application.

 9.35 a.m. Speaker: Lt. Colonel Dr. Timothy R. Saunders, DDS., Maxillo-Facial Prosthodontist, USAF Medical Centre, Lackland Air Force Base, Texas, USA.

Theme: Report on the Development of a Polyethylmethacrylate Resilient Acrylic Resin System for Oro-Facial Application.

- 9.55 a.m. DISCUSSION
- 10.10 a.m. Speaker: Mr. Agim Islami, DDS., Maxillo-Facial Prosthodontist, Department of Maxillo-Facial Surgery and Prosthetics, Pristina General Hospitel, Yugoslavia.
 Theme: A New Method of Colouring Acrylic Resin Facial Prostheses.

10.20 a.m. DISCUSSION

10.25 a.m. COFFEE- Trade and Scientific Exhibition period.

Special Theme: Review of Facial Prosthetic Materials and Technique

Session Chairmen: Dr. S. Engels and Mr. M. Smalley

10.55 a.m. Chairmen's Opening Remarks.

11.00 a.m. Speaker: Dr. Ian M. Ziotolow, DMD., Maxillo-Facial Prosthodontist, University of California Dental School, San Francisco, USA.
 Theme: Assessment of Dow Corning MDX 4-4210 Silicone

Theme: Assessment of Dow Corning MDX 4-4210 Silicone Rubber and Methylmethacrylate Resin and their Application in relation to Retention, Colour Matching, Stability, External Tinting and Patient Acceptability.

- 11.20 a.m. Speaker: Dr. John Wolfaardt, BDS., Maxillo-Facial Prosthodontist, University of the Witwatersrand, Johannesburg, South Africa.
 Theme: An Assessment of some Physical Properties of a new Facial Prosthetic System.
- 11.35 a.m. Speaker: Mr. L. Daniel Eaton, Oculofacial Prosthetologist, Phoenix, Arizona, U.S.A.

 Theme: Prosthetic Rehabilitation of Oro-Facial Deformity. (Lecture presentation). Exenteration, Maxillectomy and Nasal Amputation. (Film presentation).
- 11.55 a.m. DISCUSSION
- 12.05 p.m. Speakers: Mr. Lee Allen, BADO.FASO.BCO., & Mr. David M. Bulgarelli, BA. BCO.,FASO.,BADO., Ocularists and Facial Prosthetists, Iowa Eye Prosthetics, Coralville, Iowa, USA. Theme: The Custom-Made Artificial Eye.
- 12.25 p.m. DISCUSSION
- 12.35 p.m. LUNCH Trade and Scientific Exhibition period.

Thursday 8th September - Morning Sessions - Lecture Programme B

Special Theme: Prosthetic Rehabilitation of the Maxillary Defect

Session Chairmen: Mr. J.L. Williams and Mr. B. Harris.

- 9.00 a.m. Chairmen's Opening Remarks.
- 9.10 a.m. Speaker: Mr. John Bowerman, MB.ChB.FDSRCS., Consultant Oral and Maxillo-Facial Surgeon, Queen Mary's Hospital, Roehampton, London.

 Theme: Maxillectomy and Initial Prosthetic Management.
- 9.30 a.m. Speaker: Dr. Dirk Bester, BDS.H.Dip.Dent.(Rand).AIMFT.,
 Maxillo-Facial Prosthodontist, University of Western Cape and
 Groot Schuur Hospital, Capetown, S. Africa.
 Theme: Post-Maxillectomy Restoration and Maintenance of

Masticatory Function.

9.50 a.m. Speaker: Mr. Roald Larby, MIMFT., Chief Maxillo-Facial Technologist, University of Oslo Dental School, Oslo, Norway.

Theme: Obturator Gloves.

10,05 a.m. DISCUSSION

10.25 a.m. COFFEE - Trade and Scientific Exhibition period.

Special Theme: Maxillo-Facial Prostheses

Session Chairmen: Dr. J. van Doorne and Mr. W. Stanley.

10.55 a.m. Chairmen's Opening Remarks.

- 11.00 a.m. Speaker: Mr. Wolfgang Trester Ocularist, Institute of Otolaryngology and Prosthetics, Cologne, West Germany. Theme: The History of Facial Prosthetics.
- 11.20 a.m. Speaker: Mr. W.J. Kamphuis, Chief Maxillo-Facial Technologist, University of Utrecht Dental School, Utrecht, Holland. Theme: Silicone Rubber and Acrylic Resin Over-Prostheses.
- 11.40 a.m. Speaker: Lt. Colonel Dr. Timothy R. Saunders, USAF.DC., Chief of Maxillo-Facial Prosthetics, USAF Medical Centre, Lackland Air Force Base, Texas, U.S.A.

 Theme: Recent Advancements in Prosthodontic Rehabilitation of Mandibular Discontinuity Defects.

12.00 noon DISCUSSION

12.20 p.m. LUNCH – Trade and Scientific Exhibition period.

Afternoon Session - Lecture Programme B

Special Theme: Maxillo-Facial Prosthetic Materials

Session Chairmen: Mr. R.W. Winter and Mr. A.T. Page.

- 2.00 p.m. Speaker: Professor E.H. Andrews, BSc, Phd, DSc, FInstP, FIM, C. Eng., Professor of Materials, Queen Mary's College, University of London.
 Theme: The Physics of Adhesions and its Medical Application.
- 2.30 p.m. Discussion
- 2.40 p.m. Speaker: Mr. David G. Williams, BSc., C.Eng., M.I.Mech.E., Technical Manager Loctite, Welwyn Garden City, Herts. Theme: Industrial Adhesives.
- 3.00 p.m. DISCUSSION
- 3.10 p.m. Speaker: Professor M. Braden, PhD., Dept. of Material Science, London Hospital Dental Institute, Whitechapel, London.

 Theme: New Concepts in Acrylic Resins and their Clinical Applications.
- 3.30 p.m. DISCUSSION

Thursday 8th September – Afternoon Sessions Lecture Programme A.

Special Theme: Facial Prosthetics

- Session Chairmen: Mr. P.P. Burfield and Mr. S. Gunnarsson
 - 2.00 p.m. Chairmen's Opening Remarks.
 - 2.05 p.m. Speaker: Dr. Ariyadasa Udagama, DDS.MSD., The M.D. Anderson Hospital and Tumour Institute, Houston, Texas, USA. Theme: Prosthetic Restoration in the Head and Neck Region with Special Reference to the Application of Composite Resilient type Materials and a New Moulding Technique.
 - 2.25 p.m. Speaker: Mr. C. Maryan, MIMFT., Senior Chief Maxillo-Facial Technologist, Plastic and Jaw Department, Fulwood Hospital, Sheffield.

 Theme: Case Report: Prosthetic Rehabilitation of a Patient with a large Mid-Face Defect following Massive Destruction by Untreated Basal Cell Carcinoma.
 - 2.40 p.m. Speaker: Mr. W. Cox, CO.FASO., Ocularist and Facial Prosthetist,
 The Eye Foundation Hospital, Birmingham, Alabama, USA.
 Theme: The Orbital-Facial Prosthesis. Lecture/Film
 - 3.05 p.m. DISCUSSION
 - 3.20 p.m. TEA Trade and Scientific Exhibition period.

 Special Theme: Methods and Materials used to Attach Facial Prostheses to the Body Tissues.
- Session Chairmen: Mr. M. Thompson and Dr. E. Jansson
 - 3.45 p.m. Speaker: Dr. Ariyadasa Udagama, DDS.MSD., The M.D. Anderson Hospital and Tumour Institute, Houston, Texas, USA.

 Theme: "Ari" Loops and Assessment of Methods of Attaching Facial Prostheses to the Body Tissues by means of Physical, Mechanical and Bio-Mechanical Techniques.
 - 4.05 p.m. Speakers: Miss K. Jansson & Miss A. Hansson, Maxillo-Facial Technologists, University of Gothenburg Dental High School, Gothenburg, Sweden. Theme: Bio-Mechanically Engineered Methods of Fixation.
 - 4.20 p.m. DISCUSSION
- 4.30 p.m. Speaker: Dr. Hari Parkash, DDS.AIMFT., Maxillo-Facial Prosthodontist, Department of Dental Surgery, All India Institute of Medical Sciences, New Delhi, India.

 Theme: Prosthetic Rehabilitation of Congenital and Acquired Maxillo-Facial Deformities.
- 4.55 p.m. Speaker: Mr. C. Haylock, MIMFT., Chief Maxillo-Facial Technician, Department of Oral and Maxillo-Facial Surgery, Queen Mary's Hospital, Roehampton, London.

 Theme: Recent Developments in the Design and Construction of Nasal Prostheses.
- 5.10 p.m. DISCUSSION
- 5.25 p.m. Close of the Day's Lecture Programme.

- 5.30 p.m. Trade Displays open until 6.30 p.m.
- 5.30 p.m. Table Clinic/Demonstrations in small Lecture Theatre (1)
 Demonstration by a Member of the Red Cross Camouflage
 Section Table Clinic/Demonstration in small Lecture Theatre (2)
 "The Design and Planning of a Laboratory and Prosthetic Clinic",
 by Mr. Heinz Mauch/Kavo Dental Equipment Division, West
 Germany.
- 1-7.30 p.m. Concert at the Barbican Centre. (Coach will leave the Froebel Institute at 6.30 p.m. for the Barbican Centre).
- 2-8.00 p.m. Boat Trip on the River Thames. Coaches will leave the Froebel Institute at 7.30 p.m. for Kingston.

Friday 9th September

- 8.45 a.m. Session Chairmen: Mr. W.W. Smith, MBE. and Professor C. Lee, Chairmen's Opening Remarks.
 - Special Theme: Optics and the Application of Colour Technology in Facial Prosthetics.
- 8.50 a.m. Speaker: Mr. Brian Collinson, FADO.(Hons.), FFDO.CL., Dispensing Optician and Contact Lens Practitioner, Queen Mary's Hospital, Roehampton.
 Theme: Optics, the Opticians Contribution to Facial Prosthetics.
- 9.05 a.m. Speaker: Mrs. Magda Levy, Maxillo-Facial Prosthetist, Department of Maxillo-Facial Prosthetics, Sloane Kettering, Cancer Centre Hospital, New York, USA.

 Theme: The Application of Silicone Rubber in Maxillo-Facial Prosthetics.
- 9.25 a.m. DISCUSSION
- 9.35 a.m. Speaker: Dr. R. van Oort, DDS.PhD., Maxillo-Facial Prosthodontist, University of Groningen, Holland. Theme: Colour Analysis in Facial Prosthetics.
- 9.55 a.m. Speaker: Mr. H. Ferwerda, Maxillo-Facial Technologist, Department of Maxillo-Facial Prosthetics, The University of Amsterdam, Holland.
 Theme: The Science of Colour and its Application to Facial Prosthetics.
- 10.15 a.m. DISCUSSION
- 10.30 a.m. Coffee and Trade Displays.
- 11.00 a.m. Session Chairmen: Mrs. C. Addison and Dr. J. Connolly. Chairmen's Opening Remarks.
 - Special Theme: Psycho-Social Management of Patients with Acquired Oro-Facial Deformity.
- 11.05 a.m. Speaker: Mr. Ray Bull, B.Sc., M.Sc., AB.Ps. Srn. Senior Lecturer, North East London Polytechnic. Theme: Society's Reaction to Facial Disfigurement.

11.30 a.m. Speaker: Dr. A.J.M. Roefs, Social Psychologist, Department of Maxillo-Facial Prosthetics, University of Nijmegen, Nijmegen, Holland. Theme: Psycho-Social Problems associated with Facial Deformity

Theme: Psycho-Social Problems associated with Facial Deformity and the Acceptance of Facial Prostheses.

11.55 a.m. Speaker: Dr. Jaap van Doorne, Maxillo-Facial Prosthodontist, Department of Maxillo-Facial Prosthetics, University of Utrecht Dental School, Utrecht, Holland.

Theme: The Role of the Maxillo-Facial Prosthetist in the Maintenance of the Preservation of the Quality of Life.

12.15 p.m. DISCUSSION

12.30 p.m. Lunch and Trade Displays.

Friday 9th September - Afternoon Session - Lecture Programme A

Special Theme: The Design and Construction of Implant Prostheses to be used in the Maxillo-Facial Region.

Session Chairmen: Mr. P.L. Smith and Mr. W.J. Kamphuis.

2.00 p.m. Chairmen's Opening Remarks.

2.05 p.m. Speaker: Mr. S.W. Telfer, MIMFT., Senior Chief Maxillo-Facial Technologist, Glasgow Dental Hospital and School, Glasgow, Scotland.

Theme: A Laboratory Procedure for the Construction of Mandibular Sited Sub-periosteal Implant Prostheses.

(The Bill Hirst Memorial Lecture).

2.30 p.m. Speaker: Dr. Gordon King, DDS., Director of the Department of Maxillo-Facial Prosthetics, The M.D. Anderson Tumour Institute, Texas Medical Centre, Houston, Texas, USA. Theme: Orbital and Facial Implants.

2.50 p.m. Speaker: Professor Hans R. Haanes, DDS.MD., Associate Professor Department of Oral Surgery, University of Oslo Dental School, Oslo, Norway.

Theme: The Combination of Orthognathic Surgery, Oral Implants and Bridge Construction in Oro-Facial Rehabilitation.

3.05 p.m. DISCUSSION

 $3.20\ p.m.\ AFTERNOON\ TEA-Trade$ and Scientific Exhibition period.

Friday 9th September - Afternoon Session - Lecture Programme B

Special Theme: The In-Dwelling Eye Prosthesis.

Session Chairmen: Mr. J. Diner and Mr. C. Haylock.

2.00 p.m. Chairmen's Opening Remarks.

2.05 p.m. Speaker: Mr. Wolfgang Trester, Ocularist, The Institute for Otolaryngology and Prosthetics, Cologne, West Germany. Theme: The History and Development of the In-Dwelling Eye Prosthesis.

- 2.25 p.m. Speaker: Mr. William Cox, CO.FASO., Ocularist and Facial Prosthetist, The Eye Foundation Hospital, Birmingham, Alabama, U.S.A.
 Theme: Assessment Impression Technique and the Fitting of In-Dwelling Eye Prostheses.
- 2.50 p.m. Speaker: Mr. Robin Brammer, MIMFT., Ocularist and Maxillo-Facial Technologist, The Manchester Eye Hospital, Manchester. Theme: The Manchester Eye Hospital Ocular Prosthetic Service.
- 3.10 p.m. Speaker: Dr. J. Cain, DDS.MS., Maxillo-Facial Prosthodontist, College of Dentistry, University of Oklahoma, U.S.A.
 Theme: The Custom-Made Eye Prosthesis incorporating a Dilating Pupil.
- 3.30 p.m. DISCUSSION
- 3.50 p.m. Afternoon Tea and Trade Display Period.
- 4.00 p.m. Session Chairmen: Professor D.E. Poswillo and Mr. P.P. Burfield Chairmen's Opening Remarks.
 Special Theme: The Management of Cranio-Facial Deformity with special reference to the Role that Maxillo-Facial Prosthetics

with special reference to the Role that Maxillo-Facial Prosthetics can play in Operative Procedures aimed at Improving Form and Function.

- 4.05 p.m. Speaker: Mr. Bernard Williams, MD.ChM.FRCS., Consultant Neurosurgeon, The Midland Centre for Neurosurgery and Neurology, Smethwick, Warley, West Midlands. Theme: Titanium in Cranioplasty Surgical Technique.
- 4.25 p.m. Speaker: Mr. Norman Grant, FRCS., Consultant Neurosurgeon, Great Ormond Street Hospital for Sick Children, London. Theme: Review of some of the Surgical Procedures currently used to Improve Appearance and Function.
- 4.45 p.m. Speaker: Dr. Ian Zlotolow, DMD., Maxillo-Facial Prosthodontist,
 University of California School of Dentistry, San Francisco,
 California, U.S.A.
 Theme: The design and Construction of acrylic Resin Cranial
 Implants An Alternative Approach to Major Surgical Correction
 of Craniosynostosis-type Deformities.
- 5.05 p.m. DISCUSSION
- 5.20 p.m. Close of Scientific Programme
- 6.45 p.m. Transportation to London Bridge by coach.
- 7.30 p.m. Reception at the Glaziers Hall
- 8.00 p.m. CONGRESS BANQUET at the Glaziers Hall.

ACKNOWLEDGEMENTS

The President and Council of the Institute of Maxillo-Facial Technology are most grateful to the Director of Nurse Education at the Royal Masonic and Queen Mary's Hospitals and the Principal of South London College for allowing student nurses and student technicians in their charge to act as stewards during the Opening Ceremony at the Royal College of Surgeons of England.

SCIENTIFIC EXHIBITIONS AND DISPLAYS

to be presented at The Royal College of Surgeons.

- 1. The Tantalum Skull Plate by Mr. T.L. Crossley and Mr. P. Novak.
- 2. Cranio-Facial Implants by Mr. B. Conroy, Mr. C. Haylock, Mr. K. Page and Mrs. P. Mootatamby.
- 3. The Prosthetic Management of the Maxillectomy Case: Impression Technique for the Maxillary Obturator Patient by Dr. J.C. Davenport and Mr. B. Griffiths.
- 4. Titaium in Cranio-plasty by Mr. J. Marsden.
- 5. Subperiosteal Dental Implants by Mr. S. Telfer.
- 6. Dental Implants by Mr. D. Wedgewood.
- 7. The Design and Construction of Custom-Made Implant Prostheses by Mr. C. Brady, Mr. P.L. Smith and Mr. G. Sweeney.
- 8. "Non-resorbable Hydroxylapatite in Alveolar Ridge Augmentation" by Mr. C.F. Smith.
- 9. By Dr. G. Hastings some recent developments in implant materials

SCIENTIFIC EXHIBITIONS AND DISPLAYS

to be presented at the Froebel Institute, Roehampton.

- 1. Facial Prosthetics by Mr. T. Allison.
- 2. Facial and Body Prosthetics by Mr. P. Butler.
- The Management of Head and Neck Radiation Patients by Dr. H. Bashiri.
- 4. Eye Prosthetics by Mr. L. Allen and Mr. D.M. Bulgarelli.
- 5. Eye and Orbital Prosthetics by Mr. R. Brammer.
- 6. Prosthetic Rehabilitation of the Extended Maxillectomy Patient by Mr. B. Conroy and Mr. P. Blenkinsopp.
- 7. Oculo-Facial Prosthetic Restoration by Mr. D. Eaton.

- 8. Maxillo-Facial Prostheses by Mr. B. Griffiths and Dr. D.J.C. Davenport
- 9. Some Recent Developments in Materials Science and Technology by Mr. R. Winter, Mr. B. Basil and Mr. M. Hulland.
- 10. Electrically soldered Connecting Bar Technique by Mr. J. Hunter.
- 11. Painting of Iris/Pupil Unit by Mr. W.J. Kamphuis.
- 12. An Exhibition of Medical Illustration Work by Mr. G. Kostas.
- Some Recent Developments in Orthodontic Technology by Mr. J. Douglas, Mr. G. Wreakes and Mr. R. Edler.
- 14. Patient Response to Prosthetic Restoration following Maxillo-Facial Surgery by Dr. R.D. Manderson.
- 15. The Construction of the In-Dwelling Eye Prosthesis by Mr. B. Martensson.
- 16. A Display of Patient Education Programmes by Dr. T. Saunders.
- 17. Subperiorsteal Dental Implants by Mr. S. Telfer.
- 18. An Alternative to the Hollow-Box Obturator by Mr. E. Wilkinson.
- Some Interesting Cases and Projects Encountered in Saudi Arabia by Mr. D. James.
- A Halo-Caliper Guidance System for Bi-Maxillary Orthognathic Surgery - by Mr. B. Speculand and Mr. M. Jackson.
- 21. Face to Face by Dr. B. Shipman.
- 22. Facial Prosthetics by Professor C. Lee.

The President and Council of the Institute would like to place on record their appreciation for the support given by the following individuals and organisations for contributions made to the Travel Fellowship Appeal Fund and assistance given towards the cost of organising the Congress:

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