First International Conference on Emergency Medicine


PROGRAMME

Monday 14 April 1986
12.00 onwards  Registration in the Town Hall Foyer
14.00–18.00  Annual General Meeting of Casualty Surgeons Association
19.30–22.00  Opening Reception in the Great Hall

Tuesday 15 April 1986
09.00–09.15  Opening Ceremony in the Great Hall
              Conference Chairman: William Rutherford
              ACEM President: Tom Hamilton
              ACEP President: Richard L. Stennes
              CAEP President: Sheldon Glazer
              CSA President: David H. Wilson

09.15  Theme of the day ‘Development and Aspirations of Emergency Medicine’
Chairman Tom Hamilton (President, ACEM)

09.20  Development and Aspirations in the United Kingdom
       David H. Wilson (President, CSA)

09.40  Development and Aspirations in the United States of America
       Richard L. Stennes (President, ACEP)

10.00  Development and Aspirations in Canada
       David M. C. Walker (Canada)

10.20  Development and Aspirations in Australia
       A. D’Arcy (Australia)

10.40  Chairman’s closing remarks

10.45  Coffee, exhibition
       Workshops

11.15  Discussion on papers given in first session
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12.00 Discussion on any two related themes such as:
Selection and training of medical staff, medical audit
Follow up clinics. Computing in emergency care
Care of the young
Care of the adolescent
Care of the elderly
Role of the emergency doctor in accident prevention and health education

12.45 Lunch, Exhibition

14.00 Free Papers
Room A. Topic/Head injuries
Chairman Brooks F. Bock (USA)

14.00 A comprehensive review of every head-injured patient seen in two accident and emergency departments over a 12-month period
D. W. Yates (Salford, UK)

14.30 Which head-injured patients have a skull fracture?
Marie Brookes (Airdrie, UK)

15.00 The initial management of sub-arachnoid haemorrhage
M. V. Planta (Switzerland)

15.20 Concussion: recovery during and after litigation
Charles Fee (Belfast, UK)

15.40 Psychological sequelae of minor head injury
E. Glucksman (London, UK)

Room B. Topic/Organisation
Chairman N. G. Kirky (UK)

14.00 Development of a system to receive and manage critically-injured patients: a Saudi Arabian experience
D. S. Wijetung (Saudi Arabia)

14.20 Development of accident and emergency services in the UK: 1880–1985
K. S. Cliff (Winchester, UK)

G. C. Hamilton (Dayton, Ohio, USA)

15.00 Emergency medicine: the history of the speciality in the United States
Harris B. Graves (Lincoln, Nebraska, USA)

15.20 Medical staffing of accident and emergency departments in Australia
G. J. Fitzgerald (Ipswich, Australia)

15.40 Assessing the impact of a statewide system of emergency medical services
Baladevi S. Shankar (Baltimore, USA)

Room C. Topic/Medical emergencies
Chairman Robert Anthony (Canada)

14.00 Serum catecholamines in cardiac arrest
Mervin A. Wayne (Bellingham, Washington, USA)

14.20 Plant poisons
C. J. Baggooley (Adelaide, Australia)

14.40 Active rewarming as the treatment of choice in hypothermia in the elderly
P. E. Randall (Salford, UK)
15.00 Dangerous marine stings
   I. Audley (Cairns, Australia)
15.20 Clinical and biochemical disturbances in the acute phase of carbon monoxide poisoning in man.
   Colin E. Robertson (Edinburgh, UK)
15.40 Organisation and implementation of a multidisciplinary team approach for the management of poisoned patients
   Kusum Saxena (Little Canada, Minnesota, USA)
Room D. Topic/Pre-hospital care
   Chairman Noel Stevenson (Australia)
14.00 Medical control of pre-hospital care in theory and practice
   M. Haim Erder (Philadelphia, USA)
14.17 Pre-hospital care: the French organisation
   C. Hervé (Creteil, France)
14.34 The pre-hospital emergency Physician service in West Germany
   T. Fleischmann-Sperber (Nuremberg, Germany)
14.51 The paramedic in the United Kingdom
   J. Robin Glover (Peterborough, UK)
15.08 Gold Coast Hospital Roadside Care and Rescue System
   Philip Kay, (Southport, Australia)
15.25 Helicopter transport of trauma patients to a regional trauma unit
   P. L. Lane (Toronto, Canada)
15.42 Medical care at the US Grand Prix : EMS in microcosm
   Raymond E. Jackson (Royal Oak, Michigan, USA)
Room E. Topic/Miscellaneous
   Chairman Joseph McKean Jr (USA)
14.00 Emergency identification and information, a problem in emergency care
   George Podgorny (Winston-Salem, USA)
14.17 Alcohol levels in accident and emergency medicine
   P. K. Plunkett (Stockport, UK)
14.34 Alcohol and the National Health Service
   John Gosnold (Hull, UK)
14.51 Deliberate self harm presenting to the accident and emergency department
   Tom Hamilton (Medlands, WA, Australia)
15.08 Entonox as a supplemental analgesic for the drainage of soft-tissue abcesses
   Charles B. Payne (UK)
15.25 Sexual assault and child abuse: a change in attitude
   Harold A. Jayne (Chicago, Illinois, USA)
15.42 Suicide on the London Underground system
   R. A. Cocks (London, UK)
16.00 Tea, exhibition

16.30 The Maurice Ellis Lecture
   Chairman David H. Wilson (President, CSA)
   Lecturer William H. Rutherford
   Subject The responsibility of Emergency Medicine towards the prevention of road accidents
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Wednesday 16 April 1986

Theme of the day/‘Pre-hospital care’

Chairman Sheldon Glazer (President, CAEP)

09.00 Chairman’s opening remarks
09.05 Working with Paramedics in the United States of America
    John C. Johnson (USA)
09.30 Flying squads, cardiac ambulances etc. in Canada
    Les Vertesi (Canada)
09.55 Flying doctor in Australia
    Noel Stevenson (Australia)
10.20 The UK ambulance service, and its relationship to accident and emergency departments
    Keith Little (Edinburgh, UK)

10.45 Coffee, exhibition

Workshops

11.15 Discussion of theme of the day
12.00 Discussion of related themes such as:
    Role of the paramedic
    Training of ambulance personnel
    Role of the doctor at the site of an accident
    Onsite infusions
    Onsite treatment of sports injuries
    Onsite treatment of industrial injuries
    In-flight treatment of air passengers
    Medical provision at crowd events

12.45 Lunch, exhibition
14.00–1700 Visit to Wellcome Museum

Thursday 17 April 1986

Theme of the day/‘Management of trauma’

Chairman David H. Wilson (President, CSA)

09.00 Chairman’s opening remarks
09.05 The management of trauma: the role of the emergency physician
    Peter Lane (Canada)
09.30 Alcohol and trauma
    Tom Hamilton (Australia)
09.55 Road accidents and trauma
    David Yates and Sheila Christian (UK)
10.20 Aggressive trauma: firearms etc.
    George Podgornoy (USA)
10.45 Coffee, exhibition
**Workshops**

11.15 Discussion of theme of the day
12.00 Discussion of related themes such as:
   - Management of head injuries
   - Management of chest trauma
   - Organising a hand injury service
   - Role of the emergency physician in education and accident prevention
12.45 Lunch, exhibition

**Free papers**

Room A. Topic/Trauma

**Chairman Eugene Dagnone (Canada)**

14.00 Cut extensor tendons of the hand and wrist: is there a ‘no man’s land’?
   **W. J. Morgan (Newport, UK)**

14.22 Cardiac contusion in people wearing seat-belts
   **C. L. Muwanga (Middlesborough, UK)**

14.45 Brachial plexus injury from blunt trauma: a harbinger of vascular and thoracic injury
   **James T. Sturm (St. Paul, Minnesota, USA)**

15.18 Simple out-patient management of lower-limb skin loss in the accident and emergency department with meshed skin grafts and immediate mobilization
   **S. Shankar (Slough, UK)**

Room B. Topic/Organisation

**Chairman Mr Gautam Bodiwala (UK)**

14.00 Microcomputer applications in emergency medicine
   **P. Cumpston (Canberra, Australia)**

14.18 The cost effectiveness of using microcomputers in emergency medicine administration.
   **Robert L. Prosser (Indianapolis, USA)**

14.36 CRISIS: computer-run interactive serious accident simulation
   **Roger Snook (Bath, UK)**

14.54 Intergroup conflict and the emergency department
   **Sapal Tachakra (London, UK)**

15.12 Hostage release: immediate care problems
   **Ian Palmar (Oman)**

Room C. Topic/Cardiopulmonary resuscitation

**Chairman David S. Nelson (USA)**

14.00 Comparison of two therapeutic regimens for bicarbonate therapy in paediatric cardiopulmonary resuscitation
   **Grace Caputo (Philadelphia, USA)**

14.18 Arterial and venous pressure changes during cardiopulmonary resuscitation
   **A. D. Redmond (Stockport, UK)**

14.36 Slow versus rapid closed-chest cardiac compression in a paediatric animal model for cardiopulmonary resuscitation
   **Gary Fleisher (Philadelphia, USA)**

14.45 Prognostic factors in patients with out-of-hospital cardiac arrest
   **Luc Corne (Laarbecklaan, Belgium)**
15.12 Cardiopulmonary bypass in the treatment of prolonged cardiopulmonary arrest
Gerard B. Martin (Detroit, USA)
Room D. Topic/Pre-hospital care
Chairman Joe Epstein (Australia)

14.00 Preliminary experience with pre-hospital defibrillation by protocol
D. R. Williams (Toronto, Canada)

14.18 Effect of MAST on pre-hospital cardiac arrest in an EMS system limited to Basic Life Support.
Richard C. Hunt (Dayton, USA)

14.36 Response and treatment time intervals in an emergency medical services system.
A. M. Friedberg (Toronto, Canada)

14.54 Specific occupational satisfactions and stresses which differentiate paid and volunteer EMTs
Theodore W. Whitley (Greenville, USA)

15.12 Casualties on Everest: an evacuation problem
R. N. Villar (Acton, UK)

14.00 Audit of resuscitation in the Accident and Emergency Department of the Royal Hallamshire Hospital, Sheffield
James Wardrope (Sheffield, UK)

14.20 A survey of 1000 admissions to a short-stay ward
Gillian Bryce (Slough, UK)

14.40 An audit of the accident and emergency department: the role of the department in the community
P. Driscoll (London, UK)

14.50 An audit of the accident and emergency department: accuracy of diagnosis and treatment of chest and abdominal pain
R. Brown (London, UK)

15.00 An audit of the accident and emergency department: analysis of assaults
P. Driscoll (London, UK)

15.10 An audit of the accident and emergency department: errors in radiographic interpretation
C. Vincent (London, UK)

15.20 An audit of the accident and emergency department: analysis of patient opinion of the accident and emergency department
P. Rich (London, UK)

14.00 The development and accreditation of emergency medicine residencies in the United States: 1975–85
Judith E. Tintinalli (Detroit, USA)

14.18 Training staff in emergency medicine
Frank Garlick (Brisbane, Australia)
14.36 Training housestaff in paediatric resuscitation
   D. R. Williams (Toronto, Canada)
14.54 A required combined ACLS/ATLS provider course for senior medical students at East Carolina University
   Paul R. Mehne (USA)
15.12 A systematic approach to establishing length of training in graduate emergency medicine
   Colin C. Rorrie (Dallas, USA)
15.30 Tea, exhibition
16.00 **Symposium 1: Children at risk**
   **Chairman** Howard Baderman (London, UK)
16.00 Chairman’s introduction
16.10 Sexual abuse of children: management in the accident and emergency department
   A. Bentovim (London, UK)
16.50 Serious child abuse: the doctor’s role
   Louis Blom-Cooper (London, UK)
16.00 **Symposium 2: Infectious diseases**
   **Chairman** Tina M. Blair (Brockton, Massachusetts, USA)
   Speakers:
   Adrian M. Griffin—‘Fear of Infections in pre-hospital care’
   Joseph F. Waeckerle—‘Hepatitis B in emergency care’
   Larry J. Baraff—‘AIDS’
16.00 **Symposium 3: Disasters**
   **Chairman** Carlos Perez-Avila (Brighton, UK)
16.05 The medical severity index of disasters
   Bo Brismar (Huddinge, Sweden)
16.20 Civil disorder: the Tottenham riots
   (i) The Whittington Hospital experience
      Andrew Heaton
   (ii) The North-Middlesex Hospital experience
      G. Tiberian
16.30 Massive fire: the Bradford City football ground fire
   J. B. Hamilton
17.00 Air crash: the Manchester air disaster
   J. D. Evans
17.10 Massive motorway traffic accidents
   (i) The Preston M6 crash
      M. Carew McColl
   (ii) The Northampton experience
      R. G. Daniels
17.20 Terrorist explosion
   (i) The Harrod’s bomb
      Lawrence J. Martin
   (ii) The Brighton bomb
      Carlos Perez-Avila
Friday 18 April 1986

Theme of the day/‘Cardiopulmonary resuscitation’

**Chairman Richard L. Stennes (President, ACEP)**

09.00 Chairman’s opening remarks

09.05 Teaching cardiopulmonary resuscitation in the USA

*Mary Ann Cooper (USA)*

09.30 Management of drug-induced arrhythmias

*Robert Anthony (Canada)*

09.56 Management of near drowning in Australia

*Gary Philips (Australia)*

10.20 Cardiopulmonary resuscitation in the United Kingdom: an overview

*Andrew Marsden (UK)*

10.32 A multicare study of cardiopulmonary resuscitation in British hospitals

*Linda Bailey (UK)*

10.45 Coffee, exhibition

**Workshops**

11.15 Discussion on theme of the day

12.00 Discussion on related topics:

- Spontaneous pneumothorax
- Inhaled foreign bodies
- Toxic inhalation
- Cardiac tamponade
- Acute heat block
- Anaphylactic reaction

12.45 Lunch, exhibition

Room A. **Topic/Trauma**

**Chairman Professor Bo Brismar (Huddinge, Sweden)**

14.00 A comparison of the ability of six severity-of-illness scales to predict patient disposition and health-care expenditure in trauma patients

*David E. Wilcox (Worcester, USA)*

14.20 A technique for reduction of dislocated shoulder using local anaesthetic

*Brian Walpole (Hobart, Australia)*

14.36 The aetiology, management and late sequelea of closed renal trauma

*Sheila Christian (Slough, UK)*

14.54 The ambulatory management of burns

*Richard A. Cockington (Adelaide, Australia)*

15.12 A review of the first 12 months of a hand clinic

*Neil R. McLean (London, UK)*

Room B. **Topic/Organisation**

**Chairman Dr Anne D’Arcy (Australia)**

14.00 Urgency distribution of an accident and emergency department

*G. F. Fitzgerald (Ipswich, Australia)*

14.18 Experience with a call-receiving algorithm

*A. M. Friedberg (Toronto, Canada)*

14.36 The shift in location of a hospital-based helicopter programme (HEMS) to university hospitals

*James McKenzie (Ann Arbor, Michigan, USA)*
14.54 Making health care more caring
Gordian Fulde (Darlinghurst, Australia)

15.12 Emergency Medicine 1914–18
Jonathon Marrow (Wirrel, UK)
Room C. Topic/Medical emergencies
Chairman Maureen Turtle (UK)

14.00 Epiglottitis at the extremes of age
Jonathan I. Singer (Dayton, USA)

14.18 Emergency department treatment of migraine with intramuscular chlorpromazine
J. I. McEwen (Canada)

14.36 Acute airflow obstruction in patients presenting to the emergency department: clinical findings and serum theophylline levels
L. J. Dziukas (Preston, Australia)

14.54 Rapid test-strip method for estimating serum CK-MB
Amin H. Nanji (Ottowa, Canada)

15.12 Test strip method for serum theophylline
Amin H. Nanji (Ottowa, Canada)
Room D. Topic/Cardiopulmonary resuscitation
Chairman Dr Jan Ahuja (Canada)

14.00 Combined application of Trendelenberg and PASG in haemorrhagic hypoperfusion
H. Lynn Mayo (Greenville, North Carolina, USA)

14.18 Prehospital myocardial protection during infarction
C. Herve (France)

14.36 Bystander cardiopulmonary resuscitation: a critical analysis of factors affecting survival
Harlan A. Stueven (Milwaukee, USA)

15.12 Experimental studies with a new airway in cardiopulmonary resuscitation
M. Frass (Vienna, Austria)

14.00 The use of sterile gloves in the management of sutured hand lacerations in the accident and emergency department
A. K. Maitra (Newcastle-upon-Tyne, UK)

14.18 The use of semipermeable, semiocclusive dressing (Coraderm) in the management of minor wounds
Tanya Malpass (London, UK)

14.36 Wound dressings for traumatic wounds
F. David Small (Greenville, North Carolina, USA)

14.54 Catheter perforation of the superior vena cava
A. Bersten (Flinders, Australia)

15.12 Interosseous tibial infusion
A. D. Redmond (Stockport, UK)
Room F. Topic/Miscellaneous
Chairman John G. Weigenstein (USA)
14.00 Introduction of cardiopulmonary resuscitation—basic life-support—in primary school
   *K. Mashiko (Tokyo, Japan)*

14.18 No haematuria, no intravenous urogram
   *Peter Freeland (Belfast, UK)*

14.36 A longitudinal study of emergency medicine residents in the first training programme in North America
   *Rebecca A. H. Anwar (Philadelphia, USA)*

14.54 Methodological reporting: comparison of weighted and unweighted analysis
   *Gabor Kelen (Baltimore, USA)*

15.12 Medical ethics in the emergency department
   *Peter D. Bamford (Dunedin, New Zealand)*

15.30 Tea, exhibition

**Summing up**

*Chairman William H. Rutherford*

16.00 Report by Chairman of Workshop No. 1
16.10 Report by Chairman of Workshop No. 2
16.20 Report by Chairman of Workshop No. 3
16.30 Report by Chairman of Workshop No. 4
16.40 Report by Chairman of Workshop No. 5
16.50 Report by Chairman of Workshop No. 6

17.00 Summing up by conference chairman