

SURGICAL HISTORY

Co-Conveners: John Collins and Campbell Miles

Professor Sean Hughes

London, UK

Sean Hughes is Emeritus Professor of Orthopaedic Surgery at Imperial College London. He trained in orthopaedics at The Middlesex and the Royal National Orthopaedic Hospitals in London and undertook research at the Mayo Clinic. He was Professor of Orthopaedic Surgery at the University of Edinburgh and later at Imperial College London where he was also head of the division of Surgery Anaesthetics and Intensive Care. He has been Vice President of the Royal College of Surgeons of Edinburgh and President of the British Orthopaedic Research Society and has lectured extensively around the world. He continues as a reviewer for several journals notably the Bone and Joint Journal, for which he is also a primary editor. His clinical practice was in spinal surgery and musculoskeletal infections. His research interests were in the microcirculation of bone, fluid transfer and the pathogenesis of disc disease. He has been visiting professor to various countries including the Mayo Clinic and has published several books and over 230 articles. Since retirement from clinical practice he has pursued his interest in history, obtaining diplomas in the History of Medicine as well as in the Philosophy of Medicine from the Worshipful Society of Apothecaries, London and he currently lectures on the Diploma in the History of Medicine of the Society of Apothecaries (DHMSA) course. Recently he obtained a Masters in History of Science Technology and Medicine at Kings College London. He has also been able to develop his interest in John Keats, delivering the Keats Memorial Lecture in 2017.

MONDAY 6 MAY

5:00pm - 6:30pm **CONVOCATION CEREMONY AND SYME ORATION (TICKETED EVENT)**
World Ballroom A/B/C

6:30pm - 7:30pm **WELCOME RECEPTION (TICKETED EVENT)**
Pre-function Area (L22)

WEDNESDAY 8 MAY

8:30am - 9:00am **ASC VISITOR LECTURE**
Lotus Suite 10
Chair: **John Collins (Auckland)**

SH001 What influenced John Keats to abandon the lancet?
 Professor Sean Hughes (London, UK)

9:00am - 10:00am **HISTORICAL ASPECTS OF THE DEVELOPMENT OF WESTERN
MEDICINE**
Lotus Suite 10
Chair: **Brian Brophy (Adelaide)**

9:00am Arabia - the Centre of the Surgical World for 700 years
SH002 **Andrew Luck (Adelaide)**

9:15am Discussion

- 9:20am How Western Europe Created a New Educational Model: The 12th Century Renaissance and the 'Studia Generalia'
Campbell Miles (Melbourne)
- 9:35am Discussion
- 9:40am 9th Century Salerno - Europe's First Medical School and Hospital
SH003 Andrew Luck (Adelaide)
- 9:55am Discussion
- 10:00am - 10:30am MORNING TEA - WEDNESDAY**
Bangkok Convention Centre A2
- 10:30am - 12noon PLENARY SESSION**
GLOBAL HEALTH
World Ballroom B
- 12:30pm - 1:30pm LUNCH - WEDNESDAY**
Bangkok Convention Centre A2
- 12:30pm - 1:30pm SURGICAL HISTORY SECTION EXECUTIVE MEETING**
BCC Meeting Room 1
- 1:30pm - 2:00pm THE SIR EDWARD 'WEARY' DUNLOP MEMORIAL LECTURE**
(Combined with: Global Health Program, Military Surgery)
Lotus Suite 10
Chairs: **John Collins (Auckland) and Darryl Tong (Dunedin)**
- Sir Edward 'Weary' Dunlop and Thai Surgery
Lieutenant General Nopadol Wora-Urai (Bangkok, Thailand)
- 2:00pm - 3:30pm HISTORICAL DEVELOPMENTS IN THE SURGICAL SPECIALTIES (1)**
Lotus Suite 10
Chair: **Philip Sharp (Sydney)**
- 2:00pm Shaky Start to Open Heart Surgery at Royal Prince Alfred Hospital, Sydney: An eyewitness account
SH004 John Cartmill (Camberay)
- 2:15pm Discussion
- 2:20pm Total Nasal Reconstruction: How the Shape of the Nose Shaped the History Plastic Surgery
SH005 Ingrid SALNA (Adelaide)
- 2:35pm Discussion
- 2:40pm 100 years of Tubularised Pedicled Flaps
SH006 Steven Cook (Norwood)
- 2:55pm Discussion

- 3:00pm
SH007 History of intracranial aneurysm surgery
Brian Brophy (North Adelaide)
- 3:15pm Discussion
- 3:20pm
SH031P From scalpel to laparoscope: the origins of laparoscopy
Andrew TSE (Kogarah)
- 3:30pm - 4:00pm **AFTERNOON TEA - WEDNESDAY**
Bangkok Convention Centre A2
- 4:00pm - 5:30pm **HISTORICAL DEVELOPMENTS OF THE SURGICAL SPECIALTIES (2)**
Lotus Suite 10
Chair: **Brian Brophy (Adelaide)**
- 4:00pm
SH008 Unravelling the origins of the surgical suture: a brief historical review
Minhao Hu (Somerton Park)
- 4:15pm Discussion
- 4:20pm
SH009 Let there be light! The history of the head mirror and the development of Vorotek.
James Leung (Melbourne)
- 4:35pm Discussion
- 4:40pm
SH010 Stonecutting and butchery: a brief history in Lithotomy
Minhao Hu (Somerton Park)
- 4:55pm Discussion
- 5:00pm
SH011 "Australian" Pioneers of Skin Grafting
Graham Stewart (Armidale)
- 5:15pm Discussion
- 5:20pm
SH032P A Brief History of Electrocautery in Surgery
Darius Ashrafi (EIGHT MILE PLAINS)
- 5:30pm - 6:30pm **SURGICAL HISTORY SECTION ANNUAL BUSINESS MEETING**
Lotus Suite 10
- 7:00pm - 10:30pm **SECTION DINNER (TICKETED EVENT)**
(Combined with: Military Surgery)

THURSDAY 9 MAY

- 8:30am - 10:00am **RESEARCH PAPERS INCLUDING THE REGISTRAR PRIZE PRESENTATIONS**
Lotus Suite 6
Chair: **Campbell Miles (Melbourne)**

This session will include the three best abstracts received from Trainees competing for the Trainee Prize. The papers in contention are marked with an asterisk. The winner will be announced at the end of the session.

8:30am *From tetany to clarity: A historical perspective on hypocalcaemia following total thyroidectomy
SH012 **Dulani Goonawardhana (Liverpool)**

8:45am Discussion

8:50am *Mary Edwards Walker: Surgical Trailblazer and Hero
SH013 **Steven Cook (Norwood)**

9:05am Discussion

9:10am *Busted: A History of Breast Prostheses and Their Controversies
SH014 **Jieyun Zhou (Richmond)**

9:25am Discussion

9:30am Innovative Medicine and Survival of POW's on the Burma Railway
SH015 **Robert Pearce (Erskine)**

9:45am Discussion

10:00am - 10:30am **MORNING TEA - THURSDAY**
Bangkok Convention Centre A2

10:30am - 12noon **PLENARY SESSION**
DIVERSITY
World Ballroom B

12noon - 12:30pm **THE PRESIDENT'S LECTURE**
World Ballroom B

12:30pm - 1:30pm **LUNCH - THURSDAY**
Bangkok Convention Centre A2

1:30pm - 2:00pm **THE HERBERT MORAN MEMORIAL LECTURE**
Lotus Suite 6
Chair: **Philip Sharp (Sydney)**

SH016 Person or system - What leads to surgical advances?
Professor Sean Hughes (London, UK)

2:00pm - 3:30pm **MILESTONES IN MILITARY MEDICINE**
(Combined with: Military Surgery)
Lotus Suite 6
Chairs: **Tracy Smart (Canberra) and Graham Stewart (Armidale)**

- 2:00pm
SH017 James Lind, Scurvy and the British Admiralty: 1753-1795
Campbell Miles (Melbourne)
- 2:15pm Discussion
- 2:20pm
SH018 Military Surgeons and the Transformation of Surgery into an Elite Profession
John Collins (Auckland)
- 2:35pm Discussion
- 2:40pm
MS003 A pox doctor's clerk (up to the Vietnam War)
Philip Sharp (Sydney)
- 2:55pm Discussion
- 3:00pm
MS004 Military strategic importance of finding cures for scurvy: Why Australia could be speaking French instead of English
Tahmina Lata (Sydney)
- 3:15pm Discussion
- 3:30pm - 4:00pm** **AFTERNOON TEA - THURSDAY**
Bangkok Convention Centre A2
- 4:00pm - 5:30pm** **SURGICAL PIONEERS FROM THE EIGHTEENTH TO THE TWENTIETH CENTURY**
Lotus Suite 6
Chair: **Campbell Miles (Melbourne)**
- 4:00pm
SH019 Forgotten surgeons in the historical development of surgery
John Collins (Auckland)
- 4:15pm Discussion
- 4:20pm
SH020 Stamina, Skill and Surgical Networking; Theodor Kocher's gifts to Surgery
Gabrielle Hicks (Stanmore)
- 4:35pm Discussion
- 4:40pm
SH021 Sir Hugh Poate - A Man For All Seasons
Philip Sharp (Sydney)
- 4:55pm Discussion
- 5:00pm
SH022 Australian Surgical Truants in Post-World War I Britain
Graham Stewart (Armidale)
- 5:15pm Discussion
- 5:20pm
SH033P The history of The Surgical stapler
Ahmed Mahmoud (Brisbane)
- 5:30pm - 6:30pm** **RACS ANNUAL GENERAL MEETING**
World Ballroom C

7:00pm - 11:30pm **CONGRESS DINNER (TICKETED EVENT)**
Bangkok Convention Centre B2

FRIDAY 10 MAY

8:30am - 10:00am **HISTORICAL MILESTONES IN SURGICAL EDUCATION**
(Combined with: Surgical Education, Women in Surgery)
Lotus Suite 6

8:30am
SE048 Historical perspectives on the education and training of surgeons
John Collins (Auckland)

8:50am The history of women in Surgery
Deborah Colville (Melbourne)

9:10am The history of simulation in surgical education and training
Oscar Traynor (Dublin, Ireland)

9:30am Discussion

10:00am - 10:30am **MORNING TEA - FRIDAY**
Bangkok Convention Centre A2

10:30am - 12noon **PLENARY SESSION**
FUTURE HORIZON
World Ballroom B

12noon - 12:30pm **THE PRESIDENT'S TOWN HALL**
World Ballroom B

12:30pm - 1:30pm **LUNCH - FRIDAY**
Bangkok Convention Centre A2

2:00pm - 2:30pm **ASC VISITOR LECTURE**
Lotus Suite 6
Chair: **Graham Stewart (Armidale)**

SH023 How did Charles Bell's paintings and drawings transform the teaching of anatomy and surgery?
Professor Sean Hughes (London, UK)

2:30pm - 3:30pm **SURGICAL INNOVATION IN THE EARLY 20TH CENTURY**
Lotus Suite 6
Chair: **Graham Stewart (Armidale)**

SH024 Standing on the Shoulders of Giants - Sir Harold Delf Gillies (1882-1960)
Yasiru Karunaratne (Sydney)

- 2:45pm Discussion
- 2:50pm Mad scientist or unsung pioneer? The story of Vladimir Demikhov and his two-headed dog
SH025 **Minhao Hu (Adelaide)**
- 3:05pm Discussion
- 3:10pm Dr Allen B Kanavel: The Father of Pre-Antibiotic Hand Surgery
SH026 **Steven Cook (Adelaide)**
- 3:25pm Discussion
- 3:30pm - 4:00pm AFTERNOON TEA - FRIDAY**
Bangkok Convention Centre A2
- 4:00pm - 5:30pm SURGICAL AND MEDICAL HISTORY - AT THE CUTTING EDGE**
Lotus Suite 6
Chair: **Campbell Miles (Melbourne)**
- 4:00pm Evolutionary Life-cycles in Skin Replacement Technologies
SH027 **Adriana C. Panayi (Boston, USA)**
- 4:15pm Discussion
- 4:20pm Arthur Voorhees: Pioneer of Vascular Prosthetic Grafts
SH028 **Beatrice Kuang (Adelaide)**
- 4:35pm Discussion
- 4:40pm Why reflecting on the experiences of the Australian Prisoners of War, including military doctors, at Sandakan is important in modern Australia.
SH029 **Thomas Hugh Douglas Patterson (Liverpool)**
- 4:55pm Discussion
- 5:00pm The Death of The Prince Consort: An Introduction to Typhoid Fever.
SH030 **Graham Stewart (Armidale)**
- 5:15pm Discussion

POSTER ABSTRACTS

These posters may be viewed on the screens in the Exhibition area. The posters will also be available on the Virtual Congress

- SH037P** Contributors to the birth of Reconstructive Plastic Surgery. World War One and the Harold Gillies Effect:
Nick Tellam (Sydney)
- SH034P** "It is only a torpedo": Raymond Jack Last and the sinking of the Napier Star
Samuel Hale (Wellington)

The importance of psychosocial wellbeing in severe injuries; a historical perspective
Pascalino Romeo (Gold Coast)

SH036P A review of Gillies' Principles
Ricky Bilbao (Gold Coast)

SH035P A History of Urological Surgery in Southwest Victoria
Ruth Snider (Geelong)

SH038P Professor Geoffrey Hamilton White, Lead the World in Vascular Surgery
Krystal Dinh (Sydney)