

ENDOCRINE SURGERY

Co-Conveners: Simon Harper and Rajesh Patel

Professor Deepak Abraham
Vellore, India

Professor Deepak Abraham is the current Professor and Head of the Department of Endocrine Surgery at the Christian Medical College and Hospital in Vellore, Tamil Nadu, India. He graduated in Medicine from the Mahatma Gandhi University in Kerala, completed surgical residency in Oddanchatram with postgraduate surgical training in Vellore. He earned his PhD at the Kolling Institute of Medical Research, University of Sydney in 2010. Professor Abraham's clinical practice involves a wide range of endocrine surgery procedures with particular interest in medullary thyroid cancer, neuroendocrine tumours, differentiated thyroid cancer, parathyroid and adrenal gland disorders and surgery for endocrine pancreatic tumours. He is a member of many Endocrine Surgery societies including the Indian Association of Endocrine Surgeons and the International Association of Endocrine Surgeons. The variety of his surgical training is notable having worked and trained at endocrine surgery units of international renown, contrastingly in a rural mission hospital setting and now as head, since 2011, of one of India's foremost Endocrine Surgery units.

Professor Sally Carty
Pittsburgh, USA

Professor Sally E. Carty, is chief of the Division of Endocrine Surgery, a professor of surgery at the University of Pittsburgh School of Medicine, co-director of the UPMC/UPMC Hillman Cancer Center Multidisciplinary Thyroid Center, co-director of the UPMC Endocrine Genetics Clinic, and director of the Endocrine Surgery Fellowship Program at the University of Pittsburgh School of Medicine. She received a medical degree at Pennsylvania State University School of Medicine, and completed a residency at Milton S. Hershey Medical Center, both in Hershey, Pennsylvania. She completed a fellowship in surgical oncology at the National Cancer Institute in Bethesda, Maryland. Professor Carty is widely published and a contributor to international guidelines on the management of thyroid cancer and parathyroid disease. Her current research interests are minimally invasive techniques for parathyroid and thyroid surgery, Multiple Endocrine Neoplasia Syndromes and Immunohistochemical, allelic, and molecular predictors of endocrine malignancy. Dr. Carty is a past-President of the American Association of Endocrine Surgeons and a member of many professional groups and organizations, including the American Surgical Association, American Thyroid Association, Association of Woman Surgeons, Society of Surgical Oncology, American College of Surgeons, Pennsylvania Medical Society, and American Association of Endocrine Surgeons.

Dr Lawrence Shirley
Columbus, USA

Lawrence Andrew "Drew" Shirley MD, MS is the Ward Family Professor of the Department of Surgery at The Ohio State University Wexner Medical Center and is the Program Director of their Complex General Surgical Oncology Fellowship. Dr Shirley received his BA in English/Molecular Biology at Vanderbilt University and MD from the University of Kentucky College of Medicine. He went on to complete his General Surgery Residency at Thomas Jefferson University Hospital, as well as a Surgical Oncology Fellowship at The Ohio State University. His clinical practice focuses on the surgical management of thyroid, parathyroid, and adrenal diseases. His laboratory investigates novel biomarkers and treatment targets in the microenvironment of non-medullary thyroid cancers, and his research is funded via an NIH K award, a thyroid cancer research grant from the American Thyroid Association, and a research grant from ThyCa/American Association of Endocrine Surgeons. (In association with the Section of Academic Surgery)

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)

TUESDAY 7 MAY

8:30am - 10:00am **OPENING PLENARY SESSION
GENERALISM**

World Ballroom A/B/C

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

10:30am - 12noon **THYROID DISEASE I**
(Combined with: Otolaryngology Head & Neck Surgery)
Lotus Suite 11
Chairs: **Navin Niles (Sydney) and Christine O'Neill (Newcastle)**

10:30am Is It Time To Consider Papillary Thyroid Microcancer a Benign Entity?
Deepak Abraham (Vellore, India)

10:55am Refining the Predictive Power of Thyroid FNAC
Sally Carty (Pittsburgh, USA)

11:20am Anaplastic Thyroid Cancer: Future Treatment Options
Anthony Glover (Sydney)

11:45am Discussion

12noon - 12:30pm **KEYNOTE LECTURE**
Lotus Suite 11
Chair: **Win Meyer-Rochow (Hamilton)**

Endocrine surgery in a resource constrained environment
Professor Deepak Abraham (Vellore, India)

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

12:45pm - 1:30pm **ANZ THYROID CANCER REGISTRY MEETING**
BCC Meeting Room 1

1:30pm - 2:00pm **KEYNOTE LECTURE**
Lotus Suite 11
Chair: **Jonathan Serpell (Melbourne)**

Development and highlights of the AAES Parathyroidectomy Guidelines and the AAES
Thyroidectomy Guidelines
Professor Sally Carty (Pittsburgh, USA)

2:00pm - 3:30pm **PARATHYROID DISEASE**
Lotus Suite 11
Chairs: **Jane Mills (Hobart) and Rajesh Patel (Whangarei)**

2:00pm Neuropsychiatric Symptoms of Primary HPT. How do we know that surgery is helpful?
Laura Chin-Lenn (Melbourne)

- 2:20pm Secondary Hyperparathyroidism: What is the right operation?
Philippa Mercer (Christchurch)
- 2:40pm Intra-operative PTH: is it necessary?
Justin Gundara (Brisbane)
- 3:00pm Fluorescence in Parathyroid surgery
Lawrence Shirley (Columbus, USA)
- 3:20pm Discussion
- 3:30pm - 4:00pm AFTERNOON TEA - TUESDAY**
Bangkok Convention Centre A2
- 4:00pm - 5:30pm TOM REEVE PAPER SESSION I**
Lotus Suite 11
Chairs: **Justin Gundara (Brisbane) and Kim Isaacs (Sydney)**
- 4:00pm Changing Practice in the Management of 'Low-Risk' Differentiated Thyroid Cancer: Careful Selection for Hemithyroidectomy may avoid the need for Completion Thyroidectomy but risks Local Recurrence.
ES001 DiMarco Aimee (Sydney)
- 4:10pm Transoral Endoscopic Thyroidectomy Vestibular Approach: Initial Experience in Australia
ES002 Sze Ling Wong (Como)
- 4:20pm The clinical significance of histologically "Large Normal" parathyroid glands in Primary Hyperparathyroidism
Russel Krawitz (Melbourne)
- 4:30pm Routine Use of Intra-operative Parathyroid Hormone - 5 years' Experience in Australia
ES003 To Henry (Glen Iris)
- 4:40pm Larger goiters are associated with thicker recurrent laryngeal nerves, but not more risk of injury
ES011 Kathleen Soeyland (South Yarra)
- 4:50pm Long-Term Quality of Life Outcomes in Thyroid Cancer Survivors
ES005 Nicholas BLEFARI (Cooks Hill)
- 5:00pm Elevated levels of soluble programmed cell death ligand 1 (sPD-L1) are associated with reduced survival in papillary thyroid cancer
ES006 Gabrielle Hicks (Stanmore)
- 5:10pm Investigating anti-thyroglobulin antibody as a prognostic marker for differentiated thyroid cancer: A systematic review and meta-analysis
ES007 Oswald Lee
- 5:30pm - 6:00pm ENDOCRINE SURGERY SECTION EXECUTIVE MEETING**
BCC Meeting Room 1

WEDNESDAY 8 MAY

- 7:00am - 8:20am MASTERCLASS (MC05): INTRAOPERATIVE CHALLENGES IN ENDOCRINE SURGERY (TICKETED EVENT)**
Lotus Suite 11

Moderator: **Mark Sywak (Sydney)**

Intraoperative challenges in endocrine surgery: Dealing with the unexpected
Sally Carty (Pittsburgh, USA), Deepak Abraham (Vellore, India) and Jonathan Serpell (Melbourne)

8:30am - 10:00am

THYROID DISEASE II

(Combined with: General Surgery, Otolaryngology Head & Neck Surgery)

Lotus Suite 11

Chairs: **Janne Bingham (Adelaide) and Isaac Cranshaw (Auckland)**

8:30am

The retrosternal goitre

Win Meyer-Rochow (Hamilton)

8:50am

TOETVA (for larger goitres)

Angkoon Anuwong (Bangkok)

9:10am

Medullary Thyroid Cancer - choosing the right operation

Deepak Abraham (Vellore, India)

9:30am

Thyroidectomy for Hyperthyroidism

Sally Carty (Pittsburgh, USA)

9:50am

Discussion

10:00am - 10:30am

MORNING TEA - WEDNESDAY

Bangkok Convention Centre A2

10:30am - 12noon

PLENARY SESSION GLOBAL HEALTH

World Ballroom B

12noon - 12:30pm

KEYNOTE LECTURE

Lotus Suite 11

Chair: **Stan Sidhu (Sydney)**

ANZES President's Lecture

The De-Escalation of Cancer Care

A/Prof Julie Miller (Melbourne)

12:30pm - 1:30pm

LUNCH - WEDNESDAY

Bangkok Convention Centre A2

1:30pm - 2:00pm

DEBATE: THAT INTRA-OPERATIVE NEURO-MONITORING SHOULD BE USED ROUTINELY IN THYROID SURGERY

Lotus Suite 11

Moderator: **Chris Pyke (Brisbane)**

That routine intraoperative neuromonitoring is essential for safe/effective thyroid surgery
Jonathan Serpell (Melbourne) vs. Christine Lai (Adelaide)

2:00pm - 3:30pm

TOM REEVE PAPER SESSION II

Lotus Suite 11

Chairs: **Anthony Glover (Sydney) and Anita Skandarajah (Melbourne)**

- 2:00pm Peri-operative Function of the External Branch of the Superior Laryngeal Nerve: A prospective cohort study
Fiona Pavan (Doncaster)
- 2:10pm Anti-thyroid antibodies and TSH as potential markers of thyroid carcinoma and aggressive behaviour in patients with indeterminate fine needle aspiration cytology
ES009 Mohammadmehdi ADHAMI (Blackburn North)
- 2:20pm High Endotracheal Pressure during Thyroidectomy is associated with Recurrent Laryngeal Nerve Injury
ES010 James Taylor (Torquay)
- 2:30pm Parathyroidectomy during Pregnancy is Safe and Localisation with Ultrasound is Adequate: A Tale of Two Cities.
ES013 DiMarco Aimee (Sydney)
- 2:40pm Surgical Outcomes in Abdominal Paragangliomas: Predictors of Successful Minimally Invasive Surgery
ES014 DiMarco Aimee (Sydney)
- 2:50pm Development of a Consensus Set of Clinical Quality Indicators for the Early Management of Thyroid Cancer: A Modified-Delphi Approach
ES026 Liane Ioannou (Melbourne)
- 3:00pm Association between serum parathyroid hormone level and risk of cerebrovascular disease: A systematic review and meta-analysis
ES004 Grace Yin (Sydney)
- 3:10pm Thyroidectomy technique: A modern systematic approach: Key Performance Indicators and a stepwise approach
ES012 Fadhel ALHERZ (Auckland)
- 3:30pm - 4:00pm AFTERNOON TEA - WEDNESDAY**
Bangkok Convention Centre A2
- 4:00pm - 5:30pm ADRENAL SURGERY**
Lotus Suite 11
Chairs: **Christine Lai (Adelaide) and Julie Miller (Melbourne)**
- 4:00pm Adrenal Incidentaloma Management for the Rural/General Surgeon
Christine O'Neill (Newcastle)
- 4:20pm Inherited PPGL syndromes: who to operate on and when
Stan Sidhu (Sydney)
- 4:40pm The evolution of surgery for the adrenal gland
James Lee (Melbourne)
- 5:00pm Robotic Adrenal Surgery
Lawrence Shirley (Columbus, USA)
- 5:20pm Discussion
- 5:30pm - 6:30pm ENDOCRINE SURGERY SECTION ANNUAL BUSINESS MEETING**
Lotus Suite 11

7:00pm - 10:30pm **SECTION DINNER (TICKETED EVENT)**
(Combined with: Breast Surgery)

THURSDAY 9 MAY

8:30am - 10:00am **ENDOCRINE OPERATIONS: LESSONS FROM THE LEARNING CURVE**

Lotus Suite 11

Chairs: **Emily Davenport (Hastings) and Simon Harper (Wellington)**

8:30am How I do a Thyroidectomy for (large) Multinodular Goitres
Deepak Abraham (Vellore, India)

8:50am How I do a Minimally Invasive Parathyroidectomy
Sally Carty (Pittsburgh, USA)

9:10am How I do a Posterior Retroperitoneoscopic Adrenalectomy
Stephen Farrell (Melbourne)

9:30am How I do a lateral neck dissection
Rob Tasevski (Melbourne)

9:50am 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

12:45pm - 1:30pm **ASAES ORGANISING COMMITTEE MEETING**

BCC Meeting Room 1

1:30pm - 2:00pm **KEYNOTE LECTURE**

Lotus Suite 11

Chair: **Mark Sywak (Sydney)**

Thyroid cancer: The world outside the tumour cell
Dr Lawrence Shirley (Columbus, USA)

2:00pm - 3:30pm **CONTROVERSIES AND THE FUTURE IN ENDOCRINE SURGERY**

Lotus Suite 11

Chairs: **Philippa Mercer (Christchurch) and Win Meyer-Rochow (Hamilton)**

- 2:00pm Should all endocrine surgery procedures be done by a high volume surgeon in Australia and New Zealand?
Emily Davenport (Hastings)
- 2:20pm ACR-TiRADS/ATA/etc. Which US classification system for thyroid nodules is the best?
Lawrence Shirley (Columbus, USA)
- 2:30pm Is it appropriate to offer surgery for all 4cm+ thyroid nodules?
ES015 Anita Skandarajah (Melbourne)
- 2:40pm What should an endocrine surgery fellowship training program look like?
Navin Niles (Sydney)
- 2:50pm Discussion
- 3:30pm - 4:00pm AFTERNOON TEA - THURSDAY**
Bangkok Convention Centre A2
- 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 REGISTRIES ROUND TABLE**
(Combined with: Quality & Safety / Surgical Directors, Bariatric Surgery, Breast Surgery, Cardiothoracic Surgery, HPB Surgery, Orthopaedic Surgery)
Lotus Suite 11
Chairs: **James Aitken (Nedlands) and Sally Langley (Christchurch)**
- 8:30am Designing the Perfect Registry
Amir Ghaferi (Ann Arbor, USA)
- 8:50am The role of Registries in quality improvement
Hamilton Hall (Toronto, Canada)
- 9:10am Australasian Breast Device Registry
Elisabeth Elder (Sydney)
- 9:20am Results from the First Year of the Australian and New Zealand Thyroid Cancer Clinical Quality Registry
QA003 Jonathan Serpell (Melbourne)
- 9:30am The UGI view: ANZGOSA and the Cancer Registry
Andrew MacCormick (Auckland)
- 9:40am Discussion
- 10:00am - 10:30am MORNING TEA - FRIDAY**
Bangkok Convention Centre A2

POSTER ABSTRACTS

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

- ES022P** Primary thyroid melanoma: a novel entity
Ferhat Arabaci (Auburn)
- ES020P** Minimising hypoparathyroidism after total thyroidectomy; review of a surgical technique
Claire Di Cristo (Liverpool)
- ES018P** Diagnostic Accuracy Of 4dct As Pre-Operative Imaging in Western Australia
Yi Th'ng SEOW (Maylands)
- ES017P** Adrenal Vein Sampling (AVS) Versus CT Scan to Determine Treatment in Primary Aldosteronism: A Specialist Unit Experience
Fiona Pavan (Doncaster)
- ES023P** Rapid Goal directed pre-operative preparation of medically refractory uncontrolled Graves' disease patients for surgery: Case series and systematic review of the literature.
Shelley Stokes (Kingswood)
- ES021P** Paraganglioma Presenting with Collapse in a Nineteen-year-old: A Case Report
Elizabeth REDMAN (Te Aro)
- ES016P** Acute neck swelling post Thyroidectomy: Not always a haematoma
Jining Dai (Molendiner)
- ES019P** Is high (>30) Body Mass Index (BMI) a risk factor for hypothyroidism post hemi-thyroidectomy?
Ronald GUEVARA (Camperdown)
- ES025P** Transoral endoscopic thyroidectomy via the vestibular approach: initial experiences with a novel technique
Suren Jayaweera (Eaglemont)
- ES024P** Retroperitoneoscopic Adrenalectomy: The Sydney Experience
DiMarco Aimee (Sydney)