International Thyroid Eye Disease Society Teaching Course
Essentials for the practical understanding and management of TED
Thursday 23rd June 2016
Click to register

International Thyroid Eye Disease Society Symposium
Latest information, research and experience from around the world
Friday 24th and Saturday 25th June 2016
Click to register

Queen Elizabeth II Conference Centre, Westminster, in the Heart of London

Course Director
Dr Jimmy Uddin
Consultant Ophthalmic Surgeon, Moorfields Eye Hospital, London
ITEDS President

ITEDS Committee
Ken Cahill, USA
Kelvin Chong, Hong Kong
Peter Dolman, Canada
Ray Douglas, USA
Jonathan Dutton, USA
Vic Elner, USA
Steve Feldon, USA
Robert Goldberg, USA
Mike Kazim, USA
Don Kikkawa, USA
Mark Lucarelli, USA
Louise Mawn, USA
Suryasnata Rath, India
Lay-Leng Seah, Singapore
Timothy Sullivan, Australia

www.thyroideyedisease.org
www.aesculap-academia.co.uk
On behalf of the International Thyroid Disease Society Symposium (ITEDS), I am pleased to invite you to the 1 day Teaching Course and 2 day Symposium for the essentials for the practical understanding and management of TED along with the latest information, research and experience from around the world.

The programme includes both invited speakers and free papers and posters. Over 40 international multidisciplinary speakers including members from Thyroid Associations, EUGOGO, NANOS and Orbit Society will take part.

A large part of the meeting includes free papers. - please do feel free to submit these for consideration. We welcome the presentation of both ‘in-progress’ investigations or new study concepts along with completed research projects.

Themes

ITEDS Teaching Course
Interactive course with time to discuss and question experts

What is TED?
How do we best reliably assess TED?
What investigations and what does it mean?
What’s the current best management options - Supportive, medical and surgical
Who, when and where should we refer patients?
What does the future hold for TED?
Practical stations with ophthalmologists, endocrinologists, orthoptists

ITEDS Symposium
Where is research leading us?
Which clinical approach to use to assess TED
What is important in systemic thyroid assessment?
World TED... Experiences from around the world
Paediatric TED - Are doing enough?
Latest updates from clinical trials
What is the best surgical approach to TED?

I hope that you are able to join us at the conference dinner on the evening of Friday 24th June – a great opportunity to network with potential colleagues and catch up with old friends. The dinner will be held at The Royal Horseguards, a venue rich with history and unbeatable views over the river Thames. This is a short 5 minute walk from the conference venue.

I hope that you have an enjoyable and informative time here with us in London.

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Dr Jimmy Uddin
Consultant Ophthalmic Surgeon, Moorfields Eye Hospital, London

ITEDS President

Click here to register and for more information
Faculty

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Ken Cahill, USA
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Steve Feldon, USA
Robert Goldberg, USA
Mike Kazim, USA
Don Kikkawa, USA
Mark Lucarelli, USA
Louise Mawn, USA
Suryasnata Rath, India
Lay-Leng Seah, Singapore
Diego Strianese, Italy
Timothy Sullivan, Australia
Jimmy Uddin, UK

Programme Advisors
Research:
Rebecca Bahn, USA
Daniel Ezra, UK
Marion Ludgate, UK
Terry Smith, USA

Endocrinology:
Colin Dayan, UK
Marius Stan, USA

Ophthalmology:
Kostas Boboridis, Greece
Anja Eckstein, Belgium
Naresh Joshi, UK
William Katowitz, USA
Ilse Mombaerts, Belgium
Daniel Rootman, USA
Geoff Rose, UK
David Verity, UK

Invited Speakers
Research:
Maryse Bailly, UK
Paul Banga, UK
Utta Berchner-Pfannschmidt, Belgium
Susanne Neumann, USA
Stanton Newman, UK
Susanne Pitz, Germany

Endocrinology:
Assunta Albenese, UK
Gul Bano, UK
George Kahaly, Germany
Claudio Marcocci, Italy
Mario Salvi, Italy
Antony Weetman, UK

Ophthalmology:
Gill Adams, UK
Lelio Baldeschi, Italy
Michele Beaconsfield, UK
Richard Collin, UK
Sonal Farzavandi, Singapore
Christoph Hintschich, Germany
Su- Lang Liao, Taiwan
Chng Chiaw Ling, Singapore
Raman Malhotra, UK
Professor Li Dong Mei, China
Perez Moreiras, Spain
Dan Morris, Canada
Milind Naik, India
Mike Potts, UK
Francesco Quaranta Leoni, Italy
Rathie Rajendrum, UK
Peerooz Saeed, Holland
Sunny Shen, Singapore
Gangadhara Sundar, Singapore
Yasuhiro Takahashi, Japan
Galton Vasconcelos, Brazil
Wencan Wu, China
Morgan Yang, Singapore
Vivian Yin, Canada
Jin-Sook Yoon, South Korea
Hui-Fang Zhou, China

Other:
ENT: Abbad Toma, UK
Radiology: Katherine Miszkiel, UK
British Thyroid Foundation: Janice Hickey, UK
Welcome, introduction, structure and aims

What is clinical thyroid eye disease? – Overview
Quality of life
Organizational efforts: ITEDS, EUGOGO, Teamed And Amsterdam Declaration

**Pathogenesis of Thyroid Eye Disease**
Orbital (Part 1)
Molecular & Systemic endocrine pathogenesis (Part 1)
Orbital anatomy (in relation to TED) (Part 1)
(Muscles, Fat, Bone, Septum, Vascular, Apex)

**Clinical Thyroid Eye Disease**
Natural history and phases of TED (Rundles Curve)
Clinical activity and severity (Part 1)
Timeline of TED
Systemic thyroid disease
Epidemiology and risk factors (Part 1)

**Assessment of Thyroid Eye Disease**
Severity of thyroid eye disease - mild, moderate, severe and optic nerve compromise
Orbital disease (proptosis) - Measurement
Lid retraction
Anterior segment changes - Examination techniques
Motility - Problems and diplopia
Motility - Orthoptic examination techniques
Optic neuropathy - Examination techniques
Disease activity and clinical activity score
Clinical evaluation using the ITEDS Visa classification

**Investigations**
Biochemical - Thyroid function
Biochemical - Tsh receptor antibody tests in TED and other marker (Part 1)
Photography
Imaging (CT & MRI)
Differential diagnosis of thyroid eye disease
Dual diagnosis - Orbital disorders concealed by TED (Part 1)
Break Out Sessions (small group teaching):

Clinical Assessment
- Ophthalmic assessment including exophthalmometry
- Endocrine disease and investigations
- Orthoptics - Clinical, Prisms, Hess Chart/Lees Screen, Uniocular field of vision, binocular field of vision
- Imaging

Management of the early & Inflammatory Phase Thyroid Disease (Overview) (Part 1)

Optimization of risk factors Risk Factors
- Smoking
- Thyroid Control
- Basic principles of treating thyrotoxicosis including Radioiodine (part 1)
- Best Thyroid Control (Anti Thyroid Medication/Block & Replace)
- Thyroidectomy (Part 1)

Systemic factors including Diabetes & Ischaemia

Treatment (Mild, Moderate, Severe & Optic Neuropathy)

Cases discussions
Topical medication and anterior segment advice
Drugs - Antioxidants, Selenium, NSAIDs
Steroids (dose, route and duration)
Radiotherapy
Second line immunosuppression
Surgical decompression & lid surgery (in acute disease)
Newer Treatments: Rituximab, Igf-1 Antagonist

Surgery for late and Inactive disease (rationale)
Orbital Decompression Surgery
Endoscopic decompression
Fat Decompression
Squint Surgery
Eyelid malposition Surgery
Surgery – Aesthetic approach surgery to enhance quality of life
Referral Pathways- who, where & when to refer?
Friday 24th June
Welcome and introduction
ITEDS history and aims - (Part 2) Jimmy Uddin

Pathogenesis of TED
- Pathogenesis of TED - An orbital perspective - (Part 2) Marion Ludgate
- Endocrine molecular mechanisms in the pathogenesis TED - (Part 2) Rebecca Bahn
- Animal models for TED - How far have we come? Paul Banga
- In vitro models for TED - What is available? Maryse Bailly
- Molecular mechanisms in TED and the role of insulin-like growth factor-1 receptor (IGF-1R) Terry Smith
- Small molecule TSHR antagonists Susanne Neumann
- Microarrays in TED - TBC Daniel Ezra
- HIF signaling pathways in GO Utta Berchner-Pfannschmidt
- Autophagy is involved in the pathogenesis of thyroid eye disease Jin-Sook Yoon

Free Papers Sessions
- Proteomics Study on Orbital Fat in Thyroid Orbitopathy Chng Chiaw Ling
- The tear cytokine profile of patients with active Graves' orbitopathy Morgan Yang
  - Applications for the future
- Biomarkers and the Microbiome - INDIGO study Ludgate Group

Free Papers Sessions

Clinical TED
ITEDS/VISA - Pros and cons - (Part 2) Peter Dolman
- Advantages and disadvantages with EUGOGO clinical assessment Susanne Pitz
- Key to success with assessment Daniel Morris
- Inflammatory reliability study Louise Mawn
- Exophthalmometry Jennifer Sivak
- CAS - Pros and cons Kostas Boboridis
- Photographic inflammation study Peter Dolman, Mike Kazim
- Anatomical factors in TED - (Part 2) Jonathan Dutton
- Radiology - When is it really useful? - (Part 2) Katherine Miszkiew
- Can imaging predict disease type Louise Mawn
Free Papers Sessions
Treating hyperthyroidism in TED including radioiodine – (Part 2)  
Antony Weetman
Endocrine risk factors  
Rebecca Bahn
TSH receptor antibody tests in TED and Graves’ disease – (Part 2)  
Marius Stan
Relevance of TSH-R-Ab assays in TED  
George Kahaly
Best method for endocrine control – (Part 2)  
Colin Dayan
Hypothyroidism in TED  
Gul Bano
Thyroidectomy – Does it protect against TED?  
TBC
Euthyroid TED and differential diagnosis – (Part 2)  
TBC
Differential diagnosis – Orbital disorders masquerading as TED (Part 2)  
Ilse Mombaerts
Reactivation of TED – When is not TED? When to biopsy  
David Verity

Free Papers Sessions
Phenotypes in TED – Why?  
Jimmy Uddin
Ethnic difference in clinical presentation of thyroid eye disease  
Lay-Leng Seah
Presentation of TED in the Indian population  
Milind Naik
VISA classification – Trend in the Indian subcontinent  
Suryasanta Rath

Free Papers Sessions
Paediatric TED – Are we doing enough?  
William Katowitz
Paediatric TED  
Assunta Albanese
Endocrine factors in Paediatric TED – (TBC)
Saturday 25th June

Management of early, active and progressive TED

Overview - Treatment of early, active and progressive TED - (Part 2)  
Timothy Sullivan

Case - Mild disease - Audience participation
Ken Cahill

Strategies and drugs to prevent TED
Steve Feldon

Why selenium works in treatment and possible prevention of thyroid eye disease
Claudio Marcocci

Selenium and study - (TBC)
Mike Kazim

Free Papers Sessions

Case - Moderate and severe disease - Audience participation
Mark Lucarelli

Glucocorticoids, dose and duration strategies in the treatment of TED
Claudio Marcocci

Intravenous steroids in thyroid eye disease
Gangadhara Sundar

Role of second line immunosuppression in active TED - Why, what and how long? - (Part 2)
Mike Potts

Mycophenolate sodium in Graves’ orbitopathy (MINGO) – Update
George Kahaly

Role of radiotherapy and radiotherapy studies
Peter Dolman

CIRTED (Combined Immunosuppression and Radiotherapy in TED)
Rathie Rajendrum

Radiotherapy role - (TBC)
Mike Kazim Group

Prostaglandin F2-alpha Eye Drops in Thyroid Eye Disease (Bima Study)
BIMA

Free Papers Sessions

Case - Severe and resistant disease - Audience participation
TBC

Anti-TNF - Is there a role? What have we learnt?
TBC

Rituximab - An effective drug for active TED - It works!
Mario Salvi

Rituximab - Is it that effective – Does it work?
Marius Stan

Risks and side effects of immunosuppression - Is it too risky?
TBC

Insulin-like growth factor-1 receptor (IGF-1R) antagonist antibody - Trial update
Ray Douglas

Tocilizumab - How effective is it? - Trial update
Perez Moreiras

Early decompression for active TED
Vic Elner

Free Papers Sessions

Graves orbitopathy with optic neuropathy - Mechanisms and the management
Peerooz Saeed

Optic neuropathy - Outcome measure
Mike Kazim Group

Reading center for TED related multicenter clinical trials
Steve Feldon

Quality of life measures
Stanton Newmann

Biobanks
Jonathan Dutton

Free Papers Session Panel Discussion

How to plan the next go clinical trial - A discussion on primary and secondary study outcomes

Numbers and statistics - Which? What are the best parameters?

Registry database regarding results with new therapies

Study propositions
International Thyroid Eye Disease Society Symposium
Saturday 25th June
Two day symposium

Surgical treatment/techniques for TED

Surgery for TED – Overview -(part 2)  Don Kikkawa
Decompression - An evolution  Robert Goldberg
Orbital anatomy - Important surgical landmarks in orbital decompression  Yasuhiro Takahashi
Fat decompression – How to avoid complications  Mike Kazim
Endoscopic fat decompression for Thyroid Eye Disease  Wencan Wu
The role of fat excision with or without bone removal in orbital decompression for patients with thyroid eye disease  Su-Lang Liao
Decompression – lateral wall. External approach - Why I do it  Geoff Rose
Decompression - lateral wall. Internal approach - Why I do it  Daniel Rootman
Audience participation - Questionnaire

Free Papers Sessions
Decompression – Medial wall. Retrocaruncular approach - A 20 minute procedure  Geoff Rose
Decompression – Medial wall endoscopic. Takes a bit longer than 20 minutes  Abbad Toma
Decompression – Medial wall endoscopic. Advantages of endoscopic approach  Kelvin Chong
Endonavigation system assisted orbital decompression for thyroid eye disease  Hui-Fang Zhou
Decompression plus - The role of adjunctive procedures  Raman Malhotra

Audience participation - Questionnaire

Challenge in orbital decompression in South East Asia  Sunny Shen
Decompression – Complications  Vivian Yin
Understanding strabismus in TED – Options  Gill Adams
How does orbital surgery affect strabismus in TED?  Lelio Baldeschi
Strabismus surgery in TED – Are we playing by a new set of rules?  Sonal Farzavandi
Vertical eye muscle surgery – Options? Inferior, superior rectus or better the obliques or all together?  Anja Eckstein
Challenges to obtain the best surgical result in thyroid related strabismus  Galton Vasconcelos
Combined and complex situations  Panel TBC

Free Papers Sessions
The history of upper lid retraction surgery  Richard Collin
Surgery for correction of eyelid retraction in thyroid eye disease  Li Dong Mei
Lid malposition – Upper eyelid. Impossible cases  Michele Beaconsfield
Aesthetic approaches to TED surgery. Blepharoplasty and the brow  Naresh Joshi
International Thyroid Eye Disease Society Symposium

Saturday 25th June
Two day symposium

Free Papers Sessions

Inflammatory reliability study (ITEDS) - (TBC)  
Louise Mawn

Can imaging predict disease type - (TBC)  
Louise Mawn

Radiotherapy role - (TBC)  
Mike Kazim Group

Optic neuropathy - Outcome measure (TBC)  
Mike Kazim Group

Reading Center for TED-Related multi-center clinical trials – (TBC)  
Steve Feldon

Is it possible to reduce the time of a complete surgical management for thyroid orbitopathy with one step procedures  
Michel Tazartès

Decompression - Complications  
Vivian Yin

Challenges to obtain the best surgical result in thyroid related strabismus  
Galton Vasconcelos
Event Organisers

With thanks to the following companies for their support: