



SUMMER MEETING 2022



**British
Thoracic
Society**

Programme

THURSDAY 23RD AND FRIDAY 24TH JUNE

**MANCHESTER CENTRAL CONVENTION COMPLEX
THE EXCHANGE SUITE, PETERSFIELD, MANCHESTER M2 3GX**

Early bird discounts for bookings received
before 23:59 Monday 16th May 2022

Please see our website: brit-thoracic.org.uk

Better lung health for all



WELCOME TO THE SUMMER MEETING AND WELCOME BACK TO MANCHESTER!

It is a great pleasure to present the programme for the BTS 2022 Summer Meeting, which will be returning to Manchester, at a **new venue for us, Manchester Central Convention Complex**.

Manchester Central is a large venue with spacious catering and exhibition areas, as well as large conference rooms, providing ideal spaces for our first face-to-face Summer Meeting since June 2019!

The Summer Meeting will be onsite only. This is a welcome return to the established Summer Meeting format, which emphasises the value of meeting colleagues, sharing experiences and having those one-to-one interactions that we've all missed so much in the past two years. While there will be no online content available from this year's Meeting, BTS continues to provide an extensive programme of online education via our Short Courses, the vast majority of which will remain online during 2022.

As always, the Summer Meeting provides a comprehensive, clinically grounded programme, delivering a wide range of topics. I am confident, yet again, that we have a programme that delivers for the whole respiratory team.

Highlights this year include:

- **Mini short courses** in chronic breathlessness and complex mycobacterial and fungal cases. Two symposia in each of these topics provide a comprehensive and in-depth clinical learning opportunity.
- **Symposia** in a broad range of topics from asthma to thoracic surgery. To aid trainee delegates, the programme has been mapped to the respiratory curriculum.
- **Abstract Prizes** return, with two exciting categories: "Improving quality in patient care" and "Innovation in respiratory education and training". With these Abstract Prizes, we aim to highlight and share the excellent and successful work we know is being undertaken in respiratory medicine departments across the UK. As well as the chance to be the prize-winning abstract, those short-listed for presentation will receive two days' free registration to the Summer Meeting 2022. These two days may be used by the presenting author, or by the presenting author on one day and by a co-author on the other day. The short-listed abstracts will be displayed as digital posters at the conference, and will also have a spoken presentation in the programme.

Please encourage your local teams to submit (details on the BTS website), come along to the sessions on the day, support the authors and share good practice.

- **The Clinical Grand Round** is, as ever, an important part of the programme. All specialist trainees and health care professionals are invited to submit a clinical case (details on the BTS website). Prepare those taxing questions for the presenters and support your local trainees as they hope to secure this prestigious prize.
- This year's **Guest Lecture** will be given by Professor Wei Shen Lim, Consultant Respiratory Physician and Chair of the COVID-19 Sub-Committee of the Joint Committee on Vaccination and Immunisation. Professor Lim will look at the challenges behind the COVID-19 vaccination programme, the JCVI advice to government and future directions.
- The **Physiology quiz** is always popular and returns in a new format, with digital cases and a question-and-answer session during the programme.
- The **Exhibition** – It feels like a long time since we've been able to mingle around exhibition stands! Make the most of this great opportunity to meet up with industry colleagues and hear directly about the latest pharmaceutical evidence and innovative investigative and therapeutic equipment.

All delegates are invited to the **President's Reception** in the conference centre at 6.00pm on Thursday 23rd June, where prizes will be awarded for the Abstract Prizes and Clinical Grand Round.

Make sure you register early; we're expecting our first face-to-face Summer Meeting since 2019 to be hugely popular!

I am certain the programme will contain plenty to interest and stimulate all delegates. We invite all those who deliver care to respiratory patients to attend, learn, discuss and network.

I look forward to seeing you in Manchester.



Dr Alanna Hare
Chair, BTS Education and Training Committee



@BTSrespiratory @Dr_Allie_Hare





Summer Meeting Abstract Prizes

Abstract Prizes provide a forum for respiratory teams to present, share and discuss the implementation of quality improvement projects and innovations in respiratory education and training. High quality applications from the whole respiratory MDT are welcomed with an emphasis on sharing best practice. By promoting these Abstract Prizes, the Society hopes to learn more about the many innovative schemes that are being developed by our members and others to improve patient care throughout the UK, and to showcase those which are shortlisted by presentations during the Summer Meeting programme.

Submission of abstracts are invited within two broad themes:

- 1) Improving quality in patient care
- 2) Innovation in respiratory education and training

Abstracts will be refereed and those shortlisted will be presented at the Summer Meeting in digital poster form and also as a short, two-minute spoken presentation. Successful applications will be showcased on our website(s) and will receive two days free registration to the Summer Meeting 2022. These two days may be used by the presenting author, or by the presenting author for one day and by another team member on the other day. The winner of each category, as judged on the day, will also receive a cash prize and all shortlisted will receive a certificate of merit.

Clinical Grand Round competition

The Clinical Grand Round competition has been one of the highlights of the Society's Summer Meeting programme for many years, and it remains a very closely contested event, which enhances the CV of any Specialist Trainee, nurse or AHP who is shortlisted and/or wins. The competition is not open to post CCT doctors, but we welcome applications from all other members of the respiratory team, wherever they are based.

The best three submissions, as judged by members of the BTS Education and Training Committee, will be shortlisted and the authors invited to present their cases during the Clinical Grand Round Symposium at the BTS Summer Meeting 2022. Presenters will be expected to interact with the audience by including questions within their presentations so that delegates may make use of a voting system. The finalists will battle it out on the day before the judges who will decide the winner. The winner will receive a cash prize and all three finalists will receive a certificate of merit and free entry to the Summer Meeting 2022 on the day of the symposium (Thursday 23rd June 2022).

Full details on abstract submission for the Abstract Prizes and Clinical Grand Round are available via the BTS website:

www.brit-thoracic.org.uk/education-and-events/summer-meeting

The deadline for submission to both is 23:59 on Monday 11th April 2022.



#BTSSummer2022 #RespisBest

THURSDAY 23RD JUNE 2022

8.30am – 9.30am **REGISTRATION** and refreshments.
Visit the exhibition stands and view the Abstract Prize posters and Physiology Quiz

9.30am – 11.00am **SIMULTANEOUS SYMPOSIA**

YEAR IN REVIEW

Chaired by: Dr Charlotte Addy (Cardiff) and Dr Alanna Hare (London)

- 1) Cystic fibrosis
Mr Marc Cotterill (Stoke-on-Trent) and Ms Laura Barlow (Stoke-on-Trent/Shrewsbury)
- 2) An update on the diagnosis and management of obstructive sleep apnoea
Dr Annabel Nickol (Oxford)
- 3) Update on the NHS England Long Term Plan
Professor Andrew Menzies-Gow (London)

Learning outcomes

- To understand new and emerging therapies in cystic fibrosis and the impact on patients.
- To understand the latest NICE guidance on obstructive sleep apnoea/hypopnoea syndrome and the implications for clinical practice and service design.
- To understand how the NHSE Long Term Plan has been affected by the COVID-19 pandemic and what the Plan means for respiratory medicine.

Curriculum mapping

E16: Cystic fibrosis
E11: Sleep related breathing disorders
I1: Management and NHS structure
L1: Health promotion and public health
C14: Identifying the contexts for change

PLEURAL DISEASE MANAGEMENT IN 2022

Chaired by: Professor Nick Maskell (Bristol) and Laura McNaughton (Glasgow)

- 1) Optimal management of a malignant pleural effusion
Dr Mark Roberts (Mansfield)
- 2) Optimal management of primary and secondary pneumothorax in 2022
Dr Rob Hallifax (Oxford)
- 3) Role of the pleural nurse specialist
Ms Sarah Johnstone (Leicester)

Learning outcomes

- Review the evidence-based management of a malignant pleural effusion.
- Review the evidence-based management of pneumothorax.
- Understand the role of the pleural nurse specialist.

Curriculum mapping

C6: Working within teams
D1: Breathlessness
D7: Pleural effusions
E4: Thoracic oncology
E5: Thoracic surgery
E14: Disorders of pleural and mediastinum, including pneumothorax
F6-F10: Pleural procedures (ultrasound, aspiration, intercostal drain, pleurodesis, thoracoscopy and IPC)

MDT MODELS OF CARE. UTILISING NURSES AND ALLIED HEALTH CARE PROFESSIONALS

Chaired by: Mrs Alison Armstrong (Newcastle upon Tyne) and Ms Claire Somerton (Manchester)

- 1) Nurse and allied health professional treatable traits asthma clinic
Mr John Davison, Mr Paul McCallion and Ms Jennifer Murphy (Newcastle upon Tyne)
- 2) Supporting ILD patients in receiving a holistic and co-ordinated approach to their care
Dr Helen Morris (Manchester)
- 3) Reducing admissions by providing nurse led psychological support
Dr Karen Heslop-Marshall (Newcastle upon Tyne)

Learning outcomes

- Explore services developed by respiratory nurses and allied health professionals, which address complex biopsychosocial needs of patients.
- To understand the role of specialist respiratory nurses and allied health professionals for the treatment and management of complex asthma and bronchiectasis using a treatable traits approach.
- Identify potential benefits of nurse and allied health care professionals' roles in respiratory care in providing psychological support.

Curriculum mapping

A1: The patient as central focus of care
B1: History taking
B3: Therapeutics and safe prescribing
B6: Evidence and guidelines
C6: Working within teams
C12: Encouraging innovation
E2: Asthma
E10: Interstitial lung disease (ILD)
E27: Dysfunctional breathing and psychological aspects of respiratory symptoms
E28: Managing long term conditions: integrated care and the promotion of self-care
G2: Team working and patient safety

11.00am – 11.30am **REFRESHMENTS.**
Visit the exhibition stands and view the Abstract Prize posters and Physiology Quiz

11.30am – 1.00pm **SIMULTANEOUS SYMPOSIA**
MINI SHORT COURSE PART 1
UNDERSTANDING AND APPROACHING THE MANAGEMENT OF CHRONIC BREATHLESSNESS

Chaired by: Mrs Sarah Kearney (Isle of Wight) and Dr Helen Ward (Wolverhampton)

- 1) What is breathlessness?
Professor Morag Farquhar (Norwich) and Dr Charles Sharp (Gloucestershire)
- 2) How to approach the management of breathlessness: Breathing, Thinking, Functioning model
Dr Anna Spathis (Cambridge)
- 3) What could a chronic breathlessness service look like (including post-COVID-19)
Dr Helen Ward (Wolverhampton)

Learning outcomes

- To understand the genesis and subjective experience of breathlessness including patients' perspective.
- To understand the Breathing, Thinking, Functional model and how to use it when approaching the management of chronic breathlessness.
- To understand current breathlessness services and how to approach the setting up of a chronic breathlessness service.

Curriculum mapping

B7: Relationships with patients and communication
D1: Breathlessness
E26: Palliative care
E27: Psychological aspects of respiratory symptoms

CLINICAL GRAND ROUND

Judged by: Dr Alanna Hare (London), Susan Hope and Dr Paul Walker (Liverpool)

This popular annual session provides an ideal opportunity for all specialist trainees and health care professionals to submit clinical case studies in advance of the Meeting. The deadline for submission is 23:59 on Monday 11th April 2022. For details, please see page 3 and visit the BTS website:

www.brit-thoracic.org.uk

IMPROVING THE CARE OF PATIENTS WITH LUNG CANCER AND PLEURAL DISEASE

Chaired by: Dr Paul Beckett (Derby) and Mrs Liz Darlison (Leicester)

- 1) Targeted Lung Health Check: lessons learnt from the first wave pilot sites
Professor Matthew Callister (Leeds)
- 2) Time for a national optimal mesothelioma pathway?
Professor Michael Peake (London)
- 3) Pleural diseases – key findings of the National GIRFT report and key priorities for quality improvement
Dr Matthew Evison (Manchester)

Learning outcomes

- Understand the current landscape of lung cancer screening.
- Consider how mesothelioma care may be standardised across the UK.
- Review the key priorities for quality improvement in UK pleural services.

Curriculum mapping

C7, C8, C14: Planning, managing resources, identifying the contexts for change

E4: Thoracic oncology

E14: Disorders of pleural and mediastinum, including pneumothorax

G3: Principles of quality and safety improvement

K1: Evidence and guidelines

K2: Audit

1.00pm – 2.00pm **LUNCH.** Visit the exhibition stands and view the Abstract Prize posters and Physiology Quiz

2.00pm – 2.30pm **ABSTRACT PRESENTATIONS**

Abstracts shortlisted for the Summer Meeting Abstract Prizes will be presented during this session. The deadline for submission is 23:59 on Monday 11th April 2022. For details, please see page 3 and visit the BTS website:

www.brit-thoracic.org.uk

2.30pm – 4.00pm

SIMULTANEOUS SYMPOSIA

MINI SHORT COURSE PART 2

UNDERSTANDING AND APPROACHING THE MANAGEMENT OF CHRONIC BREATHLESSNESS

Chaired by: Mrs Sarah Kearney (Isle of Wight) and Dr Helen Ward (Wolverhampton)

- 1) The management of a breathlessness patient: physiotherapist approach
Mrs Lizzie Grillo (London)
- 2) The approach to the management of an anxious breathless patient (including carer)
Professor Morag Farquhar (Norwich) and Dr Karen Heslop-Marshall (Newcastle upon Tyne)
- 3) Pharmacological palliation of chronic breathlessness: opioids, antidepressants and benzodiazepines
Professor Miriam Johnson (Hull)

Learning outcomes

- To understand the physiotherapist approach and evidence-based interventions in chronic breathlessness.
- To understand how to approach and manage the anxious and breathless patient including evidence-based interventions i.e., cognitive behavioural therapy.
- Understand the benefits and evidence-base of pharmacological interventions in chronic breathlessness.

Curriculum mapping

B7: Relationships with patients and communication
D1: Breathlessness
E26: Palliative care
E27: Psychological aspects of respiratory symptoms

STEROIDS IN ASTHMA: HOW MUCH IS TOO MUCH?

Chaired by: Mrs Leanne Jo Holmes (Manchester) and Dr Hitasha Rupani (Southampton)

- 1) High dose inhaled steroids: is there a risk of adrenal insufficiency
Dr Helen Simpson (London)
- 2) Reducing OCS use in asthma: the era of asthma biologics
Dr David Jackson (London)
- 3) ICS, OCS or no CS: balancing risks and benefits in children and adolescents with asthma
Dr Prasad Nagakumar (Birmingham)

Learning outcomes

- Raise awareness of the NatPSA on high dose ICS and help clinicians understand the risks.
- Understand the benefits of asthma biologics in improving patient outcomes and reducing steroid related side effects.
- To provide an overview of the issues relating to high dose inhaled and oral steroids in the paediatric population.

Curriculum mapping

E2: Asthma
E28: Managing long term conditions: integrated care and self-care
B6: Evidence and guidelines
G1: Prioritisation of patient safety in clinical practice
D1: Breathlessness
A1: The patient as central focus of care
D15: Applying knowledge and evidence

REHABILITATION IN COPD – THE BIGGER PICTURE

Chaired by: Dr Neil Greening (Leicester) and Dr Claire Nolan (London)

- 1) Frailty in COPD
Dr Lisa Brighton (London)
- 2) Sarcopenia in COPD
Dr Matthew Maddocks (London)
- 3) Rehabilitation of balance impairment in COPD
Dr Kirsti Loughran (South Tees)

Learning outcomes

- Understand the impact and implications of frailty in COPD.
- Understand the impact and implications of sarcopenia in COPD.
- Understand the causes and impact of falls and balance impairment in COPD, with consideration of how to measure and manage such impairment.

Curriculum mapping

E1: Respiratory anatomy, physiology, pathology, microbiology and pharmacology
E2: Asthma
E24: Pulmonary rehabilitation
E27: Dysfunctional breathing and psychological aspects of respiratory symptoms
E28: Managing long term conditions: integrated care and the promotion of self-care

4.00pm – 4.30pm

REFRESHMENTS.

Visit the exhibition stands and view the Abstract Prize posters and Physiology Quiz

4.30pm – 6.00pm

SIMULTANEOUS SYMPOSIA

JOINT BTS/BSTI SYMPOSIUM TIPS AND TRICKS IN THORACIC RADIOLOGY

Chaired by: Dr Annette Johnstone (Leeds) and Dr Ruth McStay (Newcastle upon Tyne)

- 1) CXR and CT made easy – know your anatomy!
Dr Ruth McStay (Newcastle upon Tyne)
- 2) A practical guide to lung cancer staging
Dr Annette Johnstone (Leeds)
- 3) HRCT – it's all just patterns!
Dr Hilary Moss (Harrogate)

Learning outcomes

- Understanding chest anatomy relevant to CXR appearances and how these can be applied to detecting pathology, correlating appearances with CT.
- Understanding the key points of TNM 8 lung cancer staging and how this is relevant to MDT decision making and treatment planning.
- Understanding HRCT technique and how to spot and interpret the common patterns seen in interstitial lung disease.

Curriculum mapping

D5: Abnormal CXR (encompassing D1: Breathlessness / D2: Cough / D3: Haemoptysis / D7: Pleural effusion)

E1: Respiratory anatomy

E4: Thoracic oncology

E9: Bronchiectasis

E10: ILD

E14: Disorders of pleura and mediastinum

E15: Pulmonary manifestations of systemic disease

E18: Occupational and environmental lung disease

E22: Imaging techniques

TREATING TOBACCO DEPENDENCY AND THE NHS LONG TERM PLAN – HOW FANTASY BECOMES REALITY

Chaired by: Dr Zaheer Mangera (London) and Dr Louise Restrirk (London)

- 1) Common pitfalls in the medical management of tobacco dependence
Dr Matthew Evison (Manchester)
- 2) No need to start from scratch when developing a tobacco dependence service
Mrs Melanie Perry (BTS)
- 3) E-cigarettes in the treatment of tobacco dependency: an update from NICE
Professor John Britton (Nottingham)

Learning outcomes

- Develop an understanding of the multimodality approach required in supporting individuals with tobacco dependence.
- How to set up a tobacco dependence treatment service in your department.
- Understanding the role of e-cigarettes in treating tobacco dependency.

Curriculum mapping

E23: Smoking cessation

B6: Evidence and guidelines

B.6.8: Smoking related disease

L1: Health promotion and public health

THE UPS, DOWNS, SWINGS AND ROUNDABOUTS OF REMOTENESS IN COPD – LESSONS FOR THE FUTURE AFTER COVID-19

Chaired by: Professor Charlotte Bolton (Nottingham) and Mr Paul McCallion (Newcastle upon Tyne)

- 1) Implications of COVID-19-related public health measures on COPD exacerbations. Lessons for the future
Dr Keir Philip (London)
- 2) Anxiety and COPD – diagnosis and initial management
Dr Karen Heslop-Marshall (Newcastle upon Tyne)
- 3) Remote COPD working – new ways of delivering chronic disease management
Dr Steve Holmes (Shepton Mallet)

Learning outcomes

- The public health and behavioural measures to reduce an exacerbation of COPD.
- The fundamental core skills to identify and address anxiety in patients with COPD – and its effects on breathlessness, ADLs etc.
- Wider consideration and review of services – how they have been and need to be adapted to deliver quality care to meet needs of patients and the NHS into the future.

Curriculum mapping

E3: Chronic obstructive pulmonary disease (COPD)

E23: Smoking cessation

E24: Pulmonary rehabilitation

E26: Palliative care

E27: Dysfunctional breathing and psychological aspects of respiratory symptoms

E28: Managing long term conditions: integrated care and the promotion of self-care

6.00pm – 7.00pm

THE BTS PRESIDENT'S RECEPTION AND AWARD PRESENTATIONS

All delegates are warmly invited to attend this social occasion, where the awards for the BTS Abstract Prizes and Clinical Grand Round will be presented.

FRIDAY 24TH JUNE 2022

8.00am – 8.30am **REGISTRATION** and refreshments.
Visit the exhibition stands and view the Abstract Prize posters and Physiology Quiz

8.30am – 10.00am **SIMULTANEOUS SYMPOSIA**

PLENTY OF RHEUM IN ILD: IMMUNOMODULATION, ANTIBODIES AND ANTI-FIBROTICS

Chaired by: Professor Christopher Denton (London), Ms Claire Donaldson (Newcastle upon Tyne) and Professor Joanna Porter (London)

- 1) Immunomodulatory therapeutics in ILD: a practical guide and framework for management
Dr Puja Mehta (London)
- 2) TRAIL-blazing anti-fibrotics in rheumatoid arthritis-associated ILD
Dr Felix Woodhead (Leicester)
- 3) Case-based presentation on auto-antibodies in CTD-ILD
Dr Harsha Gunawardena (Bristol)

Learning outcomes

- To understand the practical application of immunomodulation in ILD – practicalities of prescribing, monitoring, the efficacy and safety of existing (e.g., tocilizumab), emerging (e.g., JAK inhibitors) and future (e.g., anti-GMCSF monoclonal Abs) therapies for managing ILD.
- To understand the emerging role of anti-fibrotics (pirfenidone) in RA-ILD.
- To understand the clinical significance of ILD-associated autoantibodies – interpretation and investigation.

Curriculum mapping

D1: Breathlessness: knowledge, skills and behaviours
D5: Abnormal chest X-ray
E10: ILD
E15: Pulmonary manifestations of systemic disease

ICU ADMISSION: WHO SHOULD BE ADMITTED, WHY AND WHY NOT?

Chaired by: Dr Pearlene Antoine-Pitterson (Birmingham) and Dr Ben Messer (Newcastle upon Tyne)

- 1) Ethical and legal decision making in critical care: the implications of escalation decisions
Dr Chris Danbury (Southampton)
- 2) Decision making in the COVID-19 pandemic: who gets the ventilator?
Dr Ganesh Suntharalingam (London)
- 3) Prognostic nihilism in patients with learning disabilities: the COPD of our generation?
Dr Hilary Tedd (Newcastle upon Tyne)

Learning outcomes

- Understanding of an ethical framework to decision making within critical care.
- Consideration of the legal consequences of decision-making surrounding escalation to critical care.
- An appreciation of the national perspective on decision making during pandemics.
- Understanding of the unique difficulties faced by patients with learning disabilities and their families.

Curriculum mapping

B4: Time management and decision making
C10: Managing performance
H1: Principles of medical ethics and confidentiality
H2: Legal framework for practice
H4: Complaints and medical error

JOINT BTS/ARTP SYMPOSIUM

INSIDE THE LUNG FUNCTION LABORATORY

Chaired by: Shirley Coelho (Hereford) and Mark Unstead (Reading)

- 1) Quality and safety in the lung function laboratory
Speaker to be confirmed
- 2) Introduction to the theory and clinical application of routine lung function tests
Speaker to be confirmed
- 3) A specialist trainee guide to non-routine tests in respiratory physiology
Speaker to be confirmed

Learning outcomes

Lung function testing underpins respiratory medicine but it is often poorly understood across staff groups. This session is aimed at early-stage respiratory trainees and other respiratory professionals, although it will provide a refresher for more senior colleagues.

- Attendees will be able to understand the principles of service organisation, quality, infection control and safety applicable to a respiratory physiology laboratory.
- Attendees will be able to apply the core theoretical principles of routine lung function assessment into the clinical setting.
- Attendees will gain an insight into more advanced tests such as exercise testing, airway challenge and exhaled nitric oxide.

Curriculum mapping

B6: Evidence and guidelines
D1: Breathlessness
E1: Respiratory anatomy, physiology, pathology, microbiology and pharmacology
F2: Respiratory physiology and lung function testing

10.00am – 10.30am **REFRESHMENTS.** Visit the exhibition stands and view the Abstract Prize posters and Physiology Quiz

10.30am – 12.00pm **SIMULTANEOUS SESSIONS**

10.30am – 12.00pm **SYMPOSIUM
OCCUPATIONAL ASTHMA UPDATE – CLINICAL STATEMENT
AND INTERACTIVE CASES**

Chaired by: Professor Paul Cullinan (London) and Dr Ruth Wiggans (Manchester)

- 1) Introduction and epidemiology
Dr Chris Barber (Sheffield)
- 2) Approach to diagnosis
Dr Gareth Walters (Birmingham)
- 3) Management and predicting prognosis
Dr Johanna Feary (London)

Learning outcomes

- Recognise the different types of work-related asthma and their common causes.
- Understand the clinical approach to investigating occupational asthma in the UK, and the role of different diagnostic tests.
- Appreciate the options for case management and the determinants of good outcomes in occupational asthma.

Curriculum mapping

B1: History taking
B5: Decision-making and clinical reasoning
B6: Evidence and guidelines
C15: Applying knowledge and evidence
C16: Making decisions
D1: Breathlessness
E2: Asthma
E18 Occupational and environmental lung disease (including flying and diving)
E28: Managing long term conditions
F2: Respiratory physiology and lung function testing
K1: Evidence and guidelines

10.30am – 11.00am **ABSTRACT PRESENTATIONS**

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11.05am – 12.00pm **PHYSIOLOGY QUIZ Q&A SESSION**

Quiz organised by the Respiratory Physiology Department, Royal Berkshire NHS Foundation Trust.

Moderated by: Jessica Swan and Mark Unstead

Join this session where Jessica, Mark and colleagues will discuss the Physiology Quiz cases and answer questions from delegates.

Delegates will be able to access the Physiology Quiz cases throughout both days of the Meeting to test their knowledge studying the individual cases, before revealing the answers.

12.05pm – 1.00pm **GUEST LECTURE
CHALLENGES BEHIND THE COVID-19 VACCINATION
PROGRAMME AND FUTURE DIRECTIONS**

Professor Wei Shen Lim (Nottingham)

1.00pm – 2.00pm **LUNCH.** Visit the exhibition stands and view the Abstract Prize posters and Physiology Quiz

2.00pm – 3.30pm **SIMULTANEOUS SYMPOSIA
MINI SHORT COURSE PART 1
COMPLEX MYCOBACTERIAL AND FUNGAL CASES**

Chaired by: Dr Lucy Baker (London) and Dr Margaret Coleman (London)

- 1) Complex TB – cases from the BTS MDR TB Clinical Advice Service
Professor Onn Min Kon (London)
- 2) New drugs and shorter treatments for drug-resistant TB
Professor Geraint Davies (Liverpool)
- 3) Detecting latent TB infection: what do the tests mean?
Dr Laura Martin (London)

Learning outcomes

- Appreciate the new drugs and new approaches to treatment of drug resistant TB, including contacts of people with multi-drug resistant TB.
- Consider the real-life problems encountered in the treatment of people with complex TB and NTM (including cystic fibrosis) including through the use of clinical cases from the BTS MDR TB Clinical Advice Service.
- Understand how latent TB is diagnosed, and how to use and interpret skin and blood test results to optimise patient care.
- Understand the heterogenous presentation of pulmonary fungal disease and how this informs therapeutic decision making.
- Have practical guidance on therapeutic management of complex pulmonary fungal disease and when referral to specialist centres is advised.
- Have practical tips on how to achieve antifungal stewardship and be aware of complex pharmaceutical interactions in chronic pulmonary fungal disease.
- Appreciate the multi-disciplinary approach to managing complex mycobacterial and fungal lung diseases.

Curriculum mapping

A1: The patient as central focus of care
B1: History taking
B2: Limits of exam
B3: Therapeutics and safe prescribing
B4: Handling uncertainty
B5: Decision making and clinical reasoning
B6: Guidelines
C4 & C6: Teamwork
C15: Applying knowledge and evidence
E1: Microbiology
E4 & E5: Mediastinal lymphadenopathy
E6: Pulmonary infections
E7: Tuberculosis and opportunist mycobacterial disease (OMD)
E8: Pulmonary disease in the immunocompromised host
E9: Bronchiectasis
E13: Allergic lung disorders and anaphylaxis
E14: Disorders of pleura and mediastinum, including pneumothorax
E16: Cystic fibrosis
G1: Response to treatment
G2: Team working and patient safety
G4: Infection control
I1: NHS structure
K1: Use of evidence

DILEMMAS IN THE MANAGEMENT OF ACUTE PULMONARY EMBOLISM

Chaired by: Dr Colin Church (Glasgow) and Dr Rachel Davies (London)

- 1) The management of pulmonary embolism in special populations (1): pregnancy and cancer
Speaker to be confirmed
- 2) The management of pulmonary embolism in special populations (2): thrombophilia, antiphospholipid syndrome and patients at high risk of bleeding
Dr Will Lester (Bristol)
- 3) The radiological manifestations of thromboembolic disease: how to interpret the CTPA at 3am
Dr Deepa Gopalan (London)

Learning outcomes

- To understand how to investigate and treat pulmonary embolism in complex cases which is not always following standard care.
- To recognise how to manage pulmonary embolism in haematological disorders and to identify those patients at a high bleeding risk.
- To better interpret the appearances of acute PE on CTPA and the features of co-existent chronic thromboembolic pulmonary disease.

Curriculum mapping

D1: Breathlessness
D4: Pleuritic chest pain
E4: Thoracic oncology
E12: Pulmonary vascular diseases
E15: Pulmonary manifestations of systemic disease
E22: Imaging techniques

LUNG CANCER – FUTURE DIRECTIONS IN 2030

Chaired by: Dr Ahsan Akram (Edinburgh) and Dr Emma O'Dowd (Nottingham)

- 1) AI in lung cancer radiology: less artifice, more intelligence
Dr Arjun Nair (London)
- 2) Blood biomarkers – diagnosis in a bottle
Professor Julian Barwell (Leicester)
- 3) Bronchoscopy for the future – navigational and beyond
Mr Kelvin Lau (London)

Learning outcomes

- The integration of AI into modern lung cancer radiology.
- Understanding where blood biomarkers will be placed in future lung cancer diagnostics.
- Appreciating new and future endobronchial techniques for the diagnosis and treatment of lung cancer.

Curriculum mapping

B6: Evidence and guidelines
C15: Applying knowledge and evidence
D5: Abnormal chest X-ray
E4: Thoracic oncology
E14: Disorders of pleura and mediastinum, including pneumothorax
E22: Imaging techniques
F5: Bronchoscopy

3.30pm – 3.45pm **REFRESHMENTS.** Visit the exhibition stands and view the Abstract Prize posters and Physiology Quiz

3.45pm – 5.15pm

SIMULTANEOUS SYMPOSIA

MINI SHORT COURSE PART 2

COMPLEX MYCOBACTERIAL AND FUNGAL CASES

Chaired by: Dr Lucy Baker (London) and Dr Margaret Coleman (London)

- 1) Managing allergic bronchopulmonary aspergillosis – steroids, antifungals or biologics?
Dr Anand Shah (London)
- 2) Chronic pulmonary aspergillosis – who/when to treat and how to monitor response?
Dr Chris Kosmidis (Manchester)
- 3) Managing difficult NTM-PD across disease spectrums: from cystic fibrosis to bronchiectasis
Dr Charlotte Addy (Cardiff)

Learning outcomes and curriculum mapping

See Part 1

AVENGERS ASSEMBLE: MDT SUPERHEROES

Chaired by: Dr Hussain Basheer (London) and Dr Lola Loewenthal (London)

- 1) The Power of Physiotherapy
Mrs Ema Swingwood (Bristol)
- 2) Super-SALT
Speaker to be confirmed
- 3) Fantastic-Pharm
Ms Josie Cunningham (Frimley) and Mr Annant Damani (Frimley)

Learning outcomes

- To better identify which patients and conditions will benefit from different professional input, and how these can improve both patient care and outcomes.
- To understand what investigations, therapeutics and management are used by different healthcare professionals, and how these are practically performed, in times of difficulty (both patient demand, and restrictions imposed by the pandemic).
- To be aware of and acknowledge how the multidisciplinary workforce is crucial to the present and future health of respiratory medicine overall, and its unprecedented demands, given the fallout of the COVID-19 pandemic. How can we best focus services to benefit patients and staff alike?

Curriculum mapping

- B3: Therapeutics and safe prescribing
- B5: Decision making and clinical reasoning
- B6: Evidence and guidelines
- C4: Developing networks
- C5: Building and maintaining relationships
- C6: Working with teams
- C8: Managing resources
- C11: Patient safety
- C12: Encouraging innovation
- C13: Facilitating transformation
- D1: Breathlessness
- D2: Cough
- D6: Respiratory failure
- E3: COPD
- E8: Pulmonary disease in the immunocompromised host
- E16: Cystic fibrosis
- E24: Pulmonary rehabilitation
- E27: Dysfunctional breathing and psychological aspects of respiratory symptoms
- E28: Managing long term conditions: integrated care and the promotion of self-care

THORACIC SURGERY FOR RESPIRATORY TRAINEES

Chaired by: Dr Hema Chavan (London), Dr Sheila Ramjug (Manchester) and Dr Samantha Sinclair

- 1) Principles of lung resection
Professor Alan Kirk (Glasgow)
- 2) Surgical management of pleural disease
Miss Sofina Begum (London)
- 3) Interventions for airways disease
Mr Felice Grant (Manchester)

Learning outcomes

- To understand the indications for referring patients for thoracic surgical intervention.
- To become familiar with the types of surgical intervention that may be utilised in the management of patients with acute and chronic respiratory disease.
- To understand how to diagnose and manage the short-, medium- and long-term medical complications of thoracic surgical interventions.

Curriculum mapping

- E2: Asthma
- E3: COPD
- E4: Thoracic oncology
- E5: Thoracic surgery
- E14: Disorders of pleura and mediastinum including pneumothorax
- E22: Imaging techniques
- F2: Respiratory physiology and lung function testing

GENERAL INFORMATION

The venue

**Manchester Central Convention Complex,
The Exchange Suite, Petersfield, Manchester, M2 3GX**

Manchester Central is in the heart of Manchester and easy to reach via Manchester's extensive multi-modal transport network. Further information and directions may be found here:

www.manchestercentral.co.uk/getting-here

Facilities at the venue

A multi-faith prayer room will be available at the venue, along with a quiet room for nursing mothers.

CPD approval

The BTS Summer Meeting 2022 has been approved by the Federation of the Royal Colleges of Physicians of the UK for 12 category 1 (external) CPD credits (6 per day) with the CPD code: 139060. Participants are also reminded that the Respiratory SAC has approved the Summer Meeting as one of the respiratory education events that all respiratory specialist trainees should attend. We will automatically register all eligible delegates for CPD when they pre-register for the Meeting.

Nursing and Midwifery Council Revalidation

By attending the Summer Meeting, it will be possible for nurses to demonstrate CPD and write reflective accounts to support their revalidation. These relate to the NMC Code for Professional Standards of Practice and Behaviour for Nurses and Midwives, including:

- what you learnt from the sessions;
- how you will change or improve your practice as a result;
- how this is relevant to the Code – prioritising people, practising effectively, preserving safety or promoting professionalism and trust.

A form is available on page 46 of this document:

www.nmc.org.uk/globalassets/sitedocuments/revalidation/how-to-revalidate-booklet.pdf

Chartered Society of Physiotherapists CPD

The Summer Meeting should be suitable for inclusion in the portfolios of respiratory physiotherapists, being part of a programme of education offered by the British Thoracic Society. A CPD record form is available via the CSP's Members' Resources section of the CSP website:

www.csp.org.uk/professional-union/careers-development/cpd/csp-eportfolio/my-eportfolio-0/cpd-resources

Accommodation

Allocations of bedrooms at special conference rates at hotels near to the venue have been secured by MICE Concierge, who should be contacted direct for all accommodation queries. Please follow the link below for details on hotels and to make a hotel booking.

Website: <https://miceconciierge.com/btsummer2022>

Email: hello@miceconciierge.com

Telephone: **01438 908 770**

Travel

A travel guide is available here:

www.manchestercentral.co.uk/getting-here

On arrival in Manchester

Metroshuttle buses are free and link the city centre's main rail stations, shopping areas and businesses. More information on routes is available here:

tfgm.com/public-transport/bus/free-bus

The nearest **Metrolink** stop to Manchester Central is St Peter's Square and is just a few minutes away on foot. Metrolink runs every few minutes from early morning until late in the evening. You don't need a timetable, just turn up, buy your ticket and the next Metrolink will be along shortly. However, the network is currently being expanded so please do check your route before travelling. Routes and further information can be found on the Metrolink website:

<https://tfgm.com/public-transport/tram>

There is a dedicated **taxi rank** at the front of the venue for pickups and drop offs. Black cab taxis are readily available at Manchester Airport and at Piccadilly and Victoria train stations. Find out more at www.tfgm.com or phone Traveline on 0871 200 22 33.

By train

Manchester has direct connections to most major UK cities and it takes a little over two hours to reach Manchester from London. Services arrive at Piccadilly or Victoria stations where passengers can connect with Metrolink trams for easy access to the city centre. Manchester Central is a 20-minute walk from Piccadilly Station or five minutes by taxi. Alternatively, catch a connecting train to Oxford Road Station, just a five-minute walk from Manchester Central.

Further information on train services can be found at:

www.avantiwestcoast.co.uk

www.nationalrail.co.uk

www.tpexpress.co.uk

www.northernrailway.co.uk/stations/MAN

By car

Manchester is at the heart of a comprehensive motorway network. Manchester's M60 orbital motorway provides easy access from north, south, east and west. If using a SatNav, follow the postcode: M2 3GX.

There is an NCP (National Car Park) directly below Manchester Central, which may be booked here:

www.ncp.co.uk/find-a-car-park/car-parks/manchester-central

Visit Manchester

Visit the Meet in Manchester website for further information on transport, what to see and do in Manchester, free activities, running routes and offers and discounts for delegates.

www.meetinmanchester.com/attend/delegate-welcome

DATES OF FUTURE BTS MEETINGS

Winter Meeting 2022

23rd to 25th November, London

Summer Meeting 2023

22nd & 23rd June, Manchester

Winter Meeting 2023

22nd to 24th November, London

EXHIBITION

The British Thoracic Society gratefully acknowledges sponsorship from all companies who purchase an exhibition stand at the Summer Meeting 2022.

None of them have any input into the programme content or the planning of the conference. Furthermore, the Society does not allow any sponsored symposia at this event, within the programme, or associated in any way with it.



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