



# Spirometry and Small Airways Disease plus Evolving Developments in the Management of COPD

**Saturday 3rd November 2018**

**Village Hotel Blackpool  
East Park Drive, Blackpool FY3 8LL**

## At this event

- Listen to key and national speakers
- Update understanding and interpretation of spirometry in General Practice
- Update knowledge on evolving developments in the management of COPD
- Receive a certificate for your Appraisal Portfolio

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## Meet the Speakers ...

### Julie Morris

Julie Morris has vast experience in Primary Care and General Practice.

She is a Nurse educator in the pharmaceutical industry providing professional development to primary care nurses on behalf of CCG's.

Julie has initiated and developed a foundation support and mentorship programme to HCP's on all chronic disease management.

Julie regularly delivers focused spirometry and respiratory training within Primary Care.

Julie has developed respiratory focused projects in specific GP practices to achieve improved measurable health outcomes for patients within CCG's across the North West. She has developed an award winning COPD service PACE, helping to prevent COPD Admissions. This was a successful project delivering results on patient outcomes. AHSN award winner 2015.



### Prof. Dave Singh BA (Hons) MB, B.Chir. MA (Hon) MRCP MD

**Head of the airway pharmacology group, using human lung tissue models to study inflammation in asthma and COPD**

**Medical Director for early phase clinical trials in the Medicines Evaluation Unit (MEU)**

After graduating in Medicine from Cambridge University, Prof Singh trained in respiratory medicine and clinical pharmacology. This included an industrial placement for phase 1 experience. He completed an MD at the University of Manchester, and then was appointed as senior lecturer in respiratory pharmacology based in the University Hospital of South Manchester in 2003. Prof Singh's research interests are the pharmacotherapy of Asthma and COPD with studies spanning from basic pharmacology investigations of anti-inflammatory drug action to clinical trials. He is medical director of the Medicines Evaluation Unit performing proof of concept studies in obstructive lung diseases.

**Member of:-**

University Of Manchester representative on CHOP (Committee of Heads and Professors of Clinical Pharmacology and Therapeutics). British Pharmacology Society. British Association of Lung Research. British Thoracic Society. Royal College of Physicians. American Thoracic Society. European Respiratory Society. British Society of Immunology.

**Teaching & Training**

Undergraduate training – Prof Singh has supervised 5 medical students' 10-week research project options.

Prof Singh has contributed every year to undergraduate examinations, and medical student teaching.

Prof Singh has acted as Mres tutor for year 4 medical students for the last 3 years, delivering seminars on asthma.





## Spirometry and Small Airways Disease plus Evolving Developments in the Management of COPD

### The Burden of COPD

#### British Lung Foundation - Battle for Breath 2016

- ▶ 1.2 million people in the UK are living with diagnosed COPD
- ▶ 4.5% of people aged over 40 have diagnosed COPD
- ▶ 115,000 people are diagnosed with COPD each year - one every 5 minutes
- ▶ 1.7% of hospital admissions are due to COPD - 140,000 per year and >1 million bed days
- ▶ Prevalence is 2.5 times higher in most socially deprived quintile than in the least deprived, which is a more extreme socio-economic variation than for lung cancer

**This Programme will be led by Julie Morris and Prof. D Singh**

### Your Learning Agenda...

#### Part 1: Spirometry and Small Airways Disease

- ▶ Interpretation of spirometry results
- ▶ Reversibility studies
- ▶ Vital Capacity role in obstructive and restrictive disease
- ▶ FEV<sub>1</sub>/FVC ratio calculations
- ▶ Small airways role in spirometry
- ▶ Clinical assessment in practice

#### Part 2: Evolving Developments in the Management COPD

- ▶ Preventing exacerbations
- ▶ Evolving developments in the management of COPD, examining the evidence
- ▶ G.O.L.D. stages and pharmacological treatment
- ▶ Exacerbation rate stratified by blood eosinophils
- ▶ Pneumonia risk in COPD

### Programme

09:00 – 09:30am	Registration and refreshments
09:30 – 11:00am	Part 1: Spirometry and Small Airways Disease
11:00 – 11:30am	Coffee break
11:30 – 1:00pm	Part 2: Evolving Developments in the Management of COPD
1:00pm	Conference close

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