



ROYAL COLLEGE OF  
PHYSICIANS OF IRELAND

**HOT TOPICS**  
*Masterclass Series 2011–2012*

## ***Hot Topics: Respiratory Medicine***

9.30am – 4.30pm Friday, 27 April 2012

Royal College of Physicians of Ireland, No. 6 Kildare Street, Dublin 2



# Welcome

Dr Diarmuid O'Shea  
Vice President of Education and  
Professional Development, RCPI



Dear Delegates,

On behalf of the Education and Professional Development Department, I would like to welcome you to today's meeting.

In line with our mission to promote excellence in medical education and to support the advancement of the medical profession, the Education and Professional Development Department develops and delivers the Masterclass Series. This Series include Masterclasses, Clinical Updates and Hot Topics and is run from September through to June. The objective of the series is to help those who are at the front line of our health service to continuously improve their skills base, effectively facilitating excellence in patient care.

We look forward to the meeting and receiving your valued feedback following it.

Dr Diarmuid O'Shea, Vice President of Education and Professional Development Department, Royal College of Physicians of Ireland

Dr Diarmuid O'Shea

Vice President for Education and Professional Development  
Royal College of Physicians of Ireland

## UPCOMING DATES IN THE MASTERCLASS SERIES:

|         |   |
|---------|---|
| 9 May   | Masterclass Endocrinology               |
| 22 May  | Clinical Update Rehabilitation Medicine |
| 30 May  | Clinical Update Sexual Health           |
| 19 June | Clinical Update Traffic Medicine        |
| 27 June | Masterclass Sports & Exercise Medicine  |

| TIME   | TOPICS   | SPEAKERS   | CHAIR   |  |
|--|--|--|---|--|
| 09.00–09.30  | <b>Registration</b>  |  |   |  |
| <b>SESSION 1 – LUNG CANCER / INTERVENTIONAL BRONCHOSCOPY</b> |  |  |   |  |
| 09.30 – 09.35  | Introduction   | <b>Dr Diarmuid O'Shea</b><br>Vice President for Education and Professional Development | <b>Dr Marcus Kennedy</b><br>Cork University Hospital        |  |
| 09.35 – 10.00  | Early Lung Cancer Detection and Therapy via Bronchoscopy                   | <b>Dr Marcus Kennedy</b><br>Cork University Hospital                                   |   |  |
| 10.00 – 10.05  | <b>Q&amp;A</b>   |  |   |  |
| 10.05 – 10.30  | EBUS - Bronchoscopy Beyond the Airway                                      | <b>Dr Ross Morgan</b><br>Beaumont Hospital, Dublin                                     |   |  |
| 10.30 – 10.35  | <b>Q&amp;A</b>   |  |   |  |
| 10.35 – 11.00  | Emerging Therapeutic Bronchoscopy for Emphysema and Asthma                 | <b>Prof Jim Egan</b><br>Mater Hospital, Dublin   |   |  |
| 11.00 – 11.05  | <b>Q&amp;A</b>   |  |   |  |
| 11.05 – 11.25  | Quality Improvement: Does it matter in Respiratory Medicine?               | <b>Prof Timothy McDonnell</b><br>St Michael's & St Vincent's, Dublin                   |   |  |
| 11.25 – 11.30  | <b>Q&amp;A</b>   |  |   |  |
| 11.30 – 11.50  | <b>Break</b>   |  |   |  |
| <b>SESSION 2 – COPD, OXYGEN AND NON-INVASIVE VENTILATION</b> |  |  |   |  |
| 11.50 – 12.30  | The New GOLD Guidelines – The Beginning of Personalized Medicine for COPD? | <b>Prof Paul Jones</b><br>St George's Hospital, London                                 | <b>Dr Terry O'Connor</b><br>Mercy University Hospital, Cork |  |
| 12.30 – 12.35  | <b>Q&amp;A</b>   |  |   |  |
| 12.35 – 13.00  | Oxygen Therapy – When, Where and How                                       | <b>Dr Terry O'Connor</b><br>Mercy University Hospital, Cork                            |   |  |
| 13.00 – 13.05  | <b>Q&amp;A</b>   |  |   |  |
| 13.05 – 13.30  | Non-Invasive Ventilation   | <b>Prof Michael Keane</b><br>St Vincent's University Hospital, Dublin                  |   |  |
| 13.30 – 13.35  | <b>Q&amp;A</b>   |  |   |  |
| 13.35 – 14.30  | <b>Lunch</b>   |  |   |  |
| <b>SESSION 3 – PLEURAL DISEASE</b>                           |  |  |   |  |
| 14.30 – 14.55  | Pneumothorax and Pleural Infection   | <b>Dr Michael Henry</b><br>Cork University Hospital                                    | <b>Dr Mike Henry</b><br>Cork University Hospital            |  |
| 14.55 – 15.00  | <b>Q&amp;A</b>   |  |   |  |
| 15.00 – 15.25  | Bedside Pleural Ultrasound   | <b>Dr Jonathan Dodd</b><br>St Vincent's University Hospital, Dublin                    |   |  |
| 15.25 – 15.30  | <b>Q&amp;A</b>   |  |   |  |
| 15.30 – 15.55  | Medical Thoracoscopy   | <b>Dr David Breen</b><br>University College Hospital, Galway                           |   |  |
| 15.55 – 16.00  | <b>Q&amp;A</b>   |  |   |  |
| 16.00 – 16.15  | <b>Closing Address</b>   |  |   |  |
| 16.15  | <b>Close</b>   |  |   |  |

This meeting is approved for 6 CPD credits by the Royal College of Physicians of Ireland

## Dr Marcus Kennedy

*Consultant Respiratory Physician, Cork University Hospital*

### Session 1 Chair & Topic: Early Lung Cancer Detection and Therapy via Bronchoscopy



Marcus Kennedy, MD is a Consultant Respiratory Physician and Interventional Pulmonologist at Cork University Hospital and Clinical Senior Lecturer at University College Cork. He qualified with honours from NUIG in 1997 and completed training in Internal, Pulmonary and Critical Care Medicine with special interest in Interventional Pulmonology in both Ireland (NUIG and CUH) and USA (Duke University, Durham NC, University of North Carolina at Chapel Hill and MD Anderson Cancer Centre, Houston). He has held faculty positions at University of Arkansas for Medical Sciences, Little Rock and Sligo General Hospital before commencing his current position in 2010. His research interests include

bronchoscopic techniques such as endobronchial ultrasound and chronic airway disease including disorders of mucociliary clearance.

Dr Kennedy has authored or co-authored over 30 peer-reviewed scientific papers and book chapters and is on the editorial board of the "Advances in Therapy" medical journal. Dr Kennedy is the co-lead physician for lung cancer diagnostics at CUH and takes the lead role in the provision of specialised bronchoscopic techniques including Endobronchial Ultrasound Guided Bronchoscopic Biopsy (EBUS-TBNA), bronchoscopic airway tumour debulking and stent placement and the treatment of endobronchial bleeding.

## Dr Ross Morgan

*Consultant Respiratory Physician  
Beaumont Hospital, Dublin*

### EBUS - Bronchoscopy Beyond the Airway



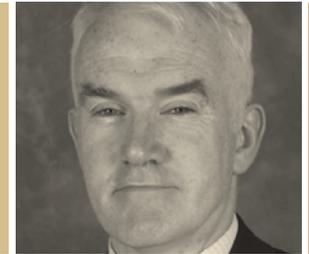
Ross Morgan graduated from UCD in 1996 and undertook specialist registrar training in Respiratory Medicine in Ireland before moving to Boston University for fellowship in Pulmonary and Critical Care. He undertook further fellowship training in Interventional Pulmonology at the Beth Israel

Deaconess Medical Centre. He has been a Consultant Respiratory Physician at Beaumont Hospital since 2007 and is a Fellow of the RCPI and of the American College of Chest Physicians. His clinical and research interests are in lung cancer, pleural disease, airway inflammation and bronchoscopy.

## Prof Jim Egan

*Consultant Respiratory Physician,  
Mater Misericordiae Hospital, Dublin*

### Emerging Therapeutic Bronchoscopy for Emphysema and Asthma



Jim Egan qualified in University College Galway and trained in Pulmonary Medicine in the North West Lung Centre, Manchester, UK. Prof Egan was appointed as Lead Physician to the Irish National Lung Transplant Programme in 2000. Now he is a consultant respiratory and lung physician with the Irish National Lung and Heart Transplant Program in the Mater Misericordiae Hospital and also the Director of Organ Donation & Transplantation.

He is a current member of the American Thoracic Society – Clinical Problems Planning Committee. Professor Egan is also a member of The British, Australian and Irish Thoracic Society Committee which published guidelines for the diagnosis and management of interstitial lung disease.

Professor Egan's interests include the Management of Advanced Lung Disease, particularly pulmonary fibrosis

and lung transplantation. He also has unique experience in Interventional bronchoscopy in reference to endoscopic volume reduction for Emphysema.

He has acted as Principle Investigator for the majority of International multi centre treatment studies of pulmonary fibrosis and has published approximately 81 manuscripts and a book on interstitial lung disease.

Professor Egan is also currently Co-chair of the American Thoracic Society / European Respiratory Society – Guideline Committee for the Management of Idiopathic Pulmonary Fibrosis and the ATS Guidelines Committee for the management of Bronchiolitis Obliterans.

He has acted as spokesperson for The Irish Medical Devices Association; Clinical Trials Taskforce and is chairman of The Irish Transplant Society.

## Prof Timothy McDonnell

Consultant Respiratory Physician,  
St Michael's and St Vincent's Hospital, Dublin



### Quality Improvement: Does it matter in Respiratory Medicine?

Tim McDonnell is a Consultant Respiratory Physician at St Michael's and St Vincent's University Hospitals, Dublin. He graduated from University College Dublin, Ireland in 1979. Following general professional training he did a pulmonary fellowship at the University Of Colorado, Denver.

He was awarded a MD degree for work on lung injury and was appointed to the faculty of the University of Colorado in

Denver and subsequently the University of Alberta, Edmonton, Canada. He returned to Ireland in 1991. He has a long-standing interest in chronic obstructive pulmonary disease (COPD) particularly pulmonary rehabilitation.

He was formerly National Specialty Director for Respiratory Medicine and is currently programme lead for COPD, Clinical Strategy and Programmes Directorate.

## Dr Terry O'Connor

Consultant Respiratory Physician  
Mercy University Hospital Cork



### Session 2 Chair & Topic: Oxygen Therapy – When, Where and How

Terry O'Connor graduated from University College Cork Medical School in 1994 and completed his specialist medical training in Respiratory Medicine in Cork and Dublin. He went on to complete a research fellowship in asthma in McMaster University,

Ontario and tuberculosis at the Bellevue Hospital, New York before returning to Ireland to take up a post as Consultant Respiratory Physician in 2004. Dr O'Connor's clinical interests include asthma, cardiopulmonary exercise testing and tuberculosis.

## Prof Paul Jones

Prof Respiratory Medicine, St George's Hospital, London



### The New Gold Guidelines – The Beginning of Personalized Medicine for COPD?

Paul Jones is Professor of Respiratory Medicine and Head of the Division of Clinical Science at St George's, University of London in London, UK.

He has worked in health status measurement for over 20 years. He developed and validated the St George's Respiratory Questionnaire (SGRQ) and more recently the Chronic Obstructive Pulmonary Disease Assessment Test (CAT). His current research concerns the effect of COPD on cognitive function.

Professor Jones also has extensive experience in the design and execution of long-term trials in COPD. He established the Cochrane Airways Group and was its first Coordinating Editor. Professor Jones has worked in guideline development in asthma and COPD and is a member of the Global Initiative for Chronic Obstructive Disease (GOLD) Science Committee.

## Professor Michael Keane

Consultant Respiratory Physician,  
St Vincent's University Hospital



### Non-Invasive Ventilation

Michael Keane qualified from University College Dublin in 1989. Following his initial training in Dublin he moved to the University of Michigan Ann Arbor where he completed a fellowship in Pulmonary and Critical Care Medicine. He remained on the faculty at the University of Michigan until 2000 when he moved to UCLA, Los Angeles where he was director of the Medical Intensive Care Unit. He returned to Dublin in 2007 as Professor of Medicine

at UCD and Consultant Respiratory Physician at St Vincent's University Hospital. His clinical interests include all aspects of interstitial lung disease. His research interests include the mechanisms of pulmonary fibrosis and acute lung injury. He has published widely on the subject of interstitial lung disease. He serves on the editorial boards of the American Journal of Respiratory and Critical Care Medicine and American Journal of Physiology: Lung Cell and Molecular Physiology.

## Dr Michael Henry

*Consultant Respiratory Physician, Cork University Hospital*

### Session 3 Chair & Topic: Pneumothorax and Pleural Infection

Michael Henry graduated from UCC in 1989 and obtained his MD from UCD in 1998 in 'Inflammatory Mechanisms in Lung Disease'. He completed training in Yorkshire in 2001 and was appointed Consultant Respiratory Physician in Leeds General Infirmary and Senior Lecturer in Leeds University. He was appointed as Consultant Respiratory

Physician in Cork University Hospital in 2006. Dr Henry is a member of the British Thoracic Society working group on pleural disease which published BTS guidelines on pleural disease in 2003, and specifically developed the BTS pneumothorax guidelines. His current research interests are in ILD / lung cancer and pleural disease.



## Dr David Breen

*Consultant Respiratory Physician,  
University College Hospital, Galway*

### Medical Thoracoscopy

David Breen is the lead physician for lung cancer services at GUH and qualified from Trinity College Dublin in 1996. He is originally from Dundalk, Co Louth. After completing his respiratory and general internal medicine training in Ireland he was awarded a European Respiratory Society/European Lung Foundation Fellowship to study Interventional Pulmonology in Marseille, France. He obtained expertise in interventional

bronchoscopy under the supervision of Dr Herve Dutau and medical thoracoscopy training by Professor Phillippe Astoul. In addition, he spent periods training in Brescia (Italy) for pleural ultrasound and in the Netherlands. Dr Breen was appointed to the Radcliffe NHS Trust, Oxford, UK, as a respiratory consultant and lead for lung cancer services in 2009. He was the Clinical Director of the interventional bronchoscopy service.



## Prof Jonathan Dodd

*Consultant Radiologist,  
St Vincent's University Hospital, Dublin*

### Bedside Pleural Ultrasound

Jonathan Dodd is a Consultant Radiologist at St Vincent's University Hospital. After completing postgraduate medical and radiological training in Ireland, he undertook a Masters in Respiratory medicine, awarded in 2002 and subsequently undertook a Fellowship in Chest Imaging in Vancouver General hospital, British Columbia, followed by a Fellowship in Cardiac CT/MRI imaging in Massachusetts General Hospital, Boston. He was subsequently appointed to his current position in 2006 and

obtained his associate professorship from University College Dublin in 2008. He is the current Chair of the Cardiac Imaging subcommittee of the Faculty of Radiologists in Ireland and sits on the Faculty Board of the European Society of Radiology and the European Society of Thoracic Imaging. He sits on the Editorial Board of the Journal of Cardiac Computed Tomography and is an associate editorial Board member of the journal European Radiology. He is the co-author of 70 peer-reviewed articles and 27 book chapters.



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