



MASTERCLASS

Royal College of Physicians of Ireland
6 Kildare St, Dublin

4 pm Wednesday, 7 November, 2007

*Masterclass Series:
Treating the acutely ill
patient – Update and advances
in management of common medical
conditions presenting on call*

**Part I: Respiratory
Medicine Session**



Welcome

Dr John Donohoe
President, RCPI

Dr Diarmuid O'Shea
Masterclass Series Convenor, RCPI



Dear delegate,

Welcome to the first session of this new RCPI Masterclass Series on Treating the Acutely Ill Patient. Our aim with this series is to keep doctors treating patients admitted acutely unwell to hospital up-to-date with evolving medical practice. The series will cover recent advances in the management of common medical conditions. It will also identify interventions that may assist in preventing hospital admission and help facilitate appropriate discharge early.

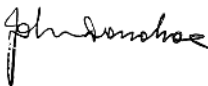
The first session targets common themes in Respiratory Medicine. We would like to thank the co-chairs of the session, Dr Richard Costello and Dr Tim McDonnell, for their contribution to the programme and the series. A sincere thanks to the co-ordinators in the videoconference sites for their help in organising the delivery of the meeting outside of Dublin.

The next five meetings in the series will address areas in Neurology, Geriatrics, Endocrinology, Cardiology and Renal Medicine.

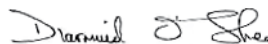
We are all responsible for improving and maintaining standards within our profession. Your attendance here today shows your commitment to this and to continued excellence of patient care. The College will continue to develop innovative approaches to facilitate your continuing medical education requirements. This series qualifies for 18 CME credits.

If you have suggestions for future topics in the series include them on the assessment form in your meeting pack. Alternatively, email your suggestions to us at joannaholly@rcpi.ie.

We hope you enjoy the meeting.

A handwritten signature in black ink, appearing to read 'John Donohoe'.

Dr John Donohoe
President
Royal College of Physicians of Ireland

A handwritten signature in black ink, appearing to read 'Diarmuid O'Shea'.

Dr Diarmuid O'Shea
Masterclass Series Convenor
Royal College of Physicians of Ireland

TIME	TITLE	SPEAKER	CHAIRPERSON
15:55	Welcome by Masterclass Series Convenor, Dr Diarmuid O'Shea		
16:00 – 16:35	COPD: Update on management of exacerbations	Dr Tim McDonnell , St Michael's Hospital, Dublin	Dr Richard Costello , Beaumont Hospital, Dublin
16:35 – 16:45	Discussion		
16:45 – 17:20	The patient with an infiltrate on CXR – diagnostic challenges and evidence based management	Dr J J Gilmartin , Merlin Park Hospital, Galway	
17:20 – 17:30	Discussion		
17:30 – 17:45	Coffee Break		
17:45 – 18:20	An update on diagnosis and management of DVT and pulmonary embolus	Dr Sean Gaine , Mater Misericordiae Hospital, Dublin	Dr Tim McDonnell , St Michael's Hospital, Dublin
18:20 – 18:30	Discussion		
18:30 – 19:05	The role of non-invasive ventilation in management of respiratory failure	Dr Richard Costello , Beaumont Hospital, Dublin	
19:05 – 19:15	Discussion		
19:15 – 19:30	Close of Session		

The meeting will be available by podcast in mid-November. If you wish to receive information on how you can subscribe to the podcast, please contact:

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This meeting is approved for 3 CME credits by the Royal College of Physicians of Ireland

Dr Richard Costello
Beaumont Hospital, Dublin



Dr Costello will chair Session 1

Richard Costello completed his postgraduate training at Johns Hopkins University Hospital, USA, and the University of Liverpool, UK. He is Consultant Physician in Respiratory Medicine at Beaumont Hospital, Dublin, and Associate Professor of Medicine at the Royal College of Surgeons in Ireland.

Immunology Assembly of the American Thoracic Society and the Health Research Board's Physiological Systems and Pharmacology Panel. He was involved in the establishment of the Irish Sleep Association. He has authored over 40 publications. His current research interests are Lung Immunology, Neuro-immune Interactions in Allergic Rhinitis, Laser Capture Microdissection.

Dr Costello serves on numerous committees, and is a member of the Allergy and

Dr Tim McDonnell
St Michael's Hospital, Dublin



Dr McDonnell will chair Session 2

Tim McDonnell graduated from UCD in 1979. He was appointed to the Faculty of the University of Colorado in Denver, USA and subsequently the University of Alberta in Edmonton, Canada.

Dr McDonnell returned to Ireland in 1991 as Consultant Respiratory Physician at St Michael's Hospital, Dun Laoghaire, and St Vincent's Hospital, Dublin. He has a long-standing interest in Chronic Obstructive Pulmonary Disease particularly Pulmonary Rehabilitation.

Session 1

16.00 — 16.35

COPD – Update on Management of Exacerbations

Dr Tim McDonnell
St Michael's Hospital, Dun Laoghaire, Co. Dublin



Biographical Sketch

Tim McDonnell graduated from UCD in 1979. He was appointed to the Faculty of the University of Colorado in Denver, USA and subsequently the University of Alberta in Edmonton, Canada.

Dr McDonnell returned to Ireland in 1991 as Consultant Respiratory Physician at St Michael's Hospital, Dun Laoghaire, and St Vincent's Hospital, Dublin. He has a long-standing interest in Chronic Obstructive Pulmonary Disease particularly Pulmonary Rehabilitation.

Overview of Presentation

This presentation will cover aspects of the epidemiology and aetiology of exacerbations of Chronic Obstructive Pulmonary Disease (COPD). The consequences of exacerbations for the patient who has COPD will be considered. The main focus of the talk

will be on management of the patient presenting with an acute exacerbation of COPD including measures to promote early discharge. The prevention of exacerbations of COPD will also be discussed.

Dr McDonnell will also chair Session 2 of the meeting.

16.45 — 17.20

The patient with an infiltrate on CXR – diagnostic challenges and evidence based management

Dr J J Gilmartin,
Merlin Park University Hospital, Galway



Biographical Sketch

J J Gilmartin graduated from the National University of Ireland Galway in 1974. He completed his postgraduate Respiratory Medicine training in Newcastle-Upon-Tyne, UK, and Erasme University Hospital, Brussels. He obtained his MD from the National University of Ireland Galway in Respiratory Mechanics.

Dr Gilmartin has been Consultant Respiratory/General Physician in Galway and Clinical Lecturer in University College Galway since 1988. Current research and clinical interests include Sarcoidosis, Breathlessness, Lung Cancer, Sleep Disordered Breathing and Clinical Physiology.

Overview of Presentation

Using illustrative cases the pattern, presentation and temporal progress of a variety of pulmonary infiltrates will be explored. The emphasis will be toward those problems likely to arrive on acute

medical take. The use of appropriate clinical investigations and diagnostic algorithms will be highlighted. Guidelines and their background evidence for the common acute presentations will be discussed.

Session 2

17.45 — 18.20

An update on diagnosis and management of DVT and pulmonary embolus

Dr Sean Gaine,
Mater Misericordiae Hospital, Dublin



Biographical Sketch

Sean Patrick Gaine, MB, PhD, FRCPI is a Consultant Respiratory Physician at Mater Misericordiae University Hospital in Dublin. Following his medical education at Trinity College in Dublin, he went on to complete a residency in medicine and a fellowship in pulmonary medicine at Johns Hopkins University School of Medicine, USA. While in the United States, he was a faculty member at both Johns Hopkins and the University of Maryland Schools of Medicine. Dr Gaine established the Pulmonary Hypertension Centre at the Johns Hopkins Hospital in 1999 and subsequently a National Unit in Dublin on his return to Europe.

He is a member of the American Thoracic Society, the International Society for Heart and Lung Transplantation, and the European Respiratory Society. He is a Fellow of the American College of Chest Physicians and has authored over 50 publications. His interests include the role of Endothelial Dysfunction in Pulmonary Hypertension, and new Therapeutic Agents of Pulmonary Vascular Diseases.

Overview of Presentation

Venous thromboembolism (VTE) affects 1–2 per 1000 people in the general population each year, usually as deep venous thrombosis (DVT) of the leg or pulmonary embolism (PE). The incidence increases from 1 in 10 000 for individuals younger than 40 years to 1 in 100 for those older than 60 years.

The sequelae of venous thrombosis include pulmonary or systemic embolism, post-

thrombotic syndrome, and recurrent VTE. Reducing the burden of disease due to VTE requires effective primary prevention, prompt diagnosis, appropriate treatment of acute thrombosis, and effective long-term secondary prevention.

In this session we will review the risk factors for VTE, the diagnosis, treatment and prognosis.

18.30 — 19.05

The role of non-invasive ventilation in management of respiratory failure

Dr Richard Costello,
Beaumont Hospital, Dublin



Biographical Sketch

Richard Costello completed his postgraduate training at Johns Hopkins University Hospital, USA, and the University of Liverpool, UK. He is Consultant Physician in Respiratory Medicine at Beaumont Hospital, Dublin, and Associate Professor of Medicine at the Royal College of Surgeons in Ireland.

Dr Costello serves on numerous committees, and is a member of the Allergy and Immunology Assembly of the American Thoracic Society and the Health Research Board's Physiological Systems and Pharmacology Panel. He was involved in the establishment of the Irish Sleep Association. He has authored over 40 publications. His current research interests are lung immunology, neuro-immune interactions in allergic rhinitis, laser capture microdissection.

Overview of Presentation

Non-invasive ventilation plays an important role in management of patients with respiratory failure. In this session, the role of

non-invasive ventilation using illustrative cases will be discussed.

Dr Richard Costello will also chair Session 1 of the meeting.

Upcoming Sessions

RCPI Masterclass Series:
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Part II: Neurology Session	February 6, 2008	4.00 – 7:30 pm
Part III: Geriatrics Session	March 5, 2008	4.00 – 7:30 pm
Part IV: Endocrinology Session	April 2, 2008	4.00 – 7:30 pm
Part V: Cardiology Session	May 7, 2008	4.00 – 7:30 pm
Part VI: Nephrology Session	June 4, 2008	4.00 – 7:30 pm