



ROYAL COLLEGE OF
PHYSICIANS OF IRELAND

HOT TOPICS
Masterclass Series 2011–2012

***Hot Topics: Acute Medical Admissions –
Improving Outcomes in the Early Hours***

9.00am – 4.30pm Friday, 9 December 2011

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



Welcome

Dr Diarmuid O'Shea
Masterclass Series Convenor, RCPI



Dear Delegates,

In line with its mission to promote excellence in medical education and to support the advancement of the medical profession, we are pleased to welcome you to today's meeting, ***Hot Topics: Acute Medical Admissions – Improving Outcomes in the Early Hours***.

The Hot Topics Series, which runs over three sessions from December 2011 through to April 2012 addresses burning issues around the prevalence of disease and includes current and new developments.

The objective of the series is to help those who are at the front line of our health service continuously improve their skills base, effectively facilitating excellence in patient care. The series brings together medical experts from a variety of specialties under a central theme, provides a senior forum for peer discussion and has in the past attracted unprecedented numbers for Irish training. Session two of this meeting will be webcast live to regional hospitals. Today's event will also be available as a recorded webcast via the RCPI's Online Education and Resource Centre, to Fellows and Trainees of the College.

I would like to thank the co-chairs of this event, Prof Garry Courtney and Prof Shane O'Neill and all of the speakers for their contribution to the programme and the series.

This meeting has been approved for 6 Continuous Professional Development (CPD) credits from RCPI.

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

We hope you enjoy the meeting.

A handwritten signature in black ink that reads "Diarmuid O'Shea".

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

	TIME	TOPICS	SPEAKERS	CHAIR	
	09.00–09.30	Registration			
SESSION 1	09.30–09.45	AMU in context: improving outcomes	Dr Diarmuid O'Shea , Consultant Physician in Geriatric Medicine, VP Education and Professional Development RCPI	Prof Garry Courtney	
	09.45–10.10	Management of common CNS infections	Speaker TBC		
	10.10–10.15	Question and Answer Session			
	10.15–10.40	Update on thrombosis issues in pregnancy	Dr Karen Murphy , Consultant Haematologist, St Vincent's Hospital, Dublin		
	10.40–10.45	Question and Answer Session			
	10.45–11.10	Managing yourself at work	Dr Fergus Heffernan , Psychologist, RD Consult		
	11.10–11.15	Question and Answer Session			
	11.10–11.30	Break			
SESSION 2	11.30–12.10	The breathless patient A respiratory consult	Dr Edward McKone , Consultant Respiratory Physician, St Vincent's University Hospital Dublin	Prof Shane O'Neill	
	12.10–12.15	Question and Answer Session			
	12.15–12.40	The breathless patient: A cardiology consult	Dr Caroline Daly , Consultant Cardiologist, St James's Hospital, Dublin		
	12.40–12.45	Question and Answer Session			
	12.45–13.10	Sepsis: update on early management	Dr Patrick Neligan , Consultant in Anaesthesia, Galway University Hospitals		
	13.10–13.15	Question and Answer Session			
	13.15–14.15	Lunch			
SESSION 3	14.15–14.40	Management of common metabolic disorders on call	Dr Catherine Wall , Consultant Nephrologist, AMNCH, Tallaght	Dr Diarmuid O'Shea, Consultant Physician in Geriatric Medicine	
	14.40–14.45	Question and Answer Session			
	14.45–15.10	Early management of acute kidney injury	Dr Donal Reddan , Consultant Nephrologist, Galway University Hospitals		
	15.10–15.15	Question and Answer Session			
	15.15–15.40	Early management of seizure disorders	Dr Norman Delanty , Consultant Neurologist, Beaumont Hospital, Dublin		
	15.40–15.45	Question and Answer Session			
	15.45–16.10	Update on the management of TIAs	Dr Morgan Crowe , Consultant Physician in Geriatric Medicine, St Vincent's University Hospital Dublin		
	16.10–16.15	Question and Answer Session			
	16.15–16.30	Closing Address			
	16.30	Close			

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

Prof Garry Courtney



Session 1 Chair

Prof Courtney was born in Omagh, Co. Tyrone and graduated in Medicine from Trinity College, Dublin University. He trained in General Medicine and Gastroenterology in Dublin and London and was appointed a Consultant Physician and Gastroenterologist in St Luke's Hospital, Kilkenny in 1996. Other appointments include Joint National Clinical Director of the Acute Medicine Programme, Associate Professor of Medicine at the Royal

College of Surgeons in Ireland and College Tutor, the Royal College of Physicians of Ireland. He was a member of the working group which established Clinical Directorates in 2008 and is the Clinical Director in St Luke's Hospital, Kilkenny. Clinical Interests in gastroenterology include Viral Hepatitis, Interventional Endoscopy, Inflammatory Bowel Disease and Barrett's Oesophagus.

Prof Shane O'Neill



Session 2 Chair

Prof O'Neill is Professor of Respiratory Medicine and Lead Clinical Director in Beaumont Hospital. He is a former President of the Irish Thoracic Society and the inaugural National Specialty Director in Respiratory

Medicine. He is also the co-lead for the National Acute Medicine Programme. He has over 130 publications predominantly in the area of lung cell and molecular biology.

Dr Diarmuid O'Shea



Session 3 Chair & Session 1 Topic: AMU in context: improving outcomes

Dr O'Shea is a Consultant Geriatrician at St Vincent's University Hospital. He is a graduate of University College Dublin. After completing general professional training, he undertook a Fellowship in Clinical Pharmacology in Vanderbilt University, Nashville, Tennessee. He was awarded his MD in Drug Metabolism in Ageing as a result of work carried out during this time. He was subsequently appointed to

a Geriatric Medicine Training programme in Newcastle, England. After which he was appointed to the post he currently holds at St Vincent's University Hospital, Dublin. He was the National Specialty Director in Geriatric Medicine and a member of the Irish Committee for Higher Medical training from 2000–2004. He was appointed as Vice-President of Education and Professional Development at the RCPI in 2008.

Speaker TBC

Management of common CNS infections

Information not available at time of print.

Dr Fergus Heffernan

Psychologist, RD Consult



Managing yourself at work

Dr Fergus Heffernan is a psychologist with many years of working in the area of stress management and its impact on the working environment. Through his work with the Irish Defence Force's, he was instrumental in the development and implementation of a Personnel Support Service which is widely regarded as a model of best practice in the area of Employee Well Being programme delivery. He has worked in many of the most

troubled parts of the world delivering programmes of stress management and training as well as the provision of Critical Incident Stress Debriefing to soldiers working in hugely stressful battleground operations. He holds an MA in Psychology and a PhD in Psychology and is a visiting lecturer at Trinity College, Dublin as well as a visiting professor at Columbia University, New York as well as Boston University in the USA.

Dr Karen Murphy

Consultant Haematologist, St Vincent's Hospital, Dublin



Update on thrombosis issues in pregnancy

Dr Murphy graduated from University College Cork in 1990. She completed her postgraduate medical training in Cork and subsequently did 3 years as a Haematology Registrar in Cork while completing Research. She was the Bone Marrow Transplant co-ordinator and subsequently Senior Registrar in the Hammersmith Hospital before transferring to Haemostasis and Thrombosis unit in the Royal Free

Hospital. She was a Locum Consultant in that unit at time of her appointment to St Vincent's University Hospital and the National Maternity Hospital in 1999. She has a subspecialty interest in Thrombosis and Haemostasis and runs a high risk haematology clinic in NMH in conjunction with her Foeto-Maternal Colleagues in NMH. She was National Specialty Director for Haematology from 2002-2005.

Dr Edward McKone

Consultant Respiratory Physician, St Vincent's University Hospital Dublin



The breathless patient: a respiratory consult

Dr McKone is a Consultant Respiratory Physician in the National Referral Center for Adult Cystic Fibrosis, St Vincent's University Hospital. A graduate of Trinity College Dublin, he completed his initial respiratory training including MD thesis in St Vincent's University Hospital. He subsequently entered a 3 year fellowship in Pulmonary and Critical Care Medicine at the University of Washington, Seattle

followed by four years on faculty as a consultant physician in Pulmonary and Critical Care Medicine. In 2006, he was appointed to St, Vincent's University Hospital, Dublin where he is currently a respiratory physician with clinical and research interests in the areas of cystic fibrosis, clinical genetics, epidemiology and bronchiectasis.

Dr Caroline Daly

Consultant Cardiologist, St James's Hospital, Dublin



The breathless patient: a cardiology consult

Dr Daly is a cardiologist based in St James's Hospital in Dublin who is interested in specialist imaging such as transoesophageal echocardiography, nuclear imaging and cardiac MRI studies. Her research interests include sudden cardiac death and methods by which cases may be identified at subclinical stage. There are in excess of 5,000 sudden cardiac deaths in Ireland annually. The majority of these are in persons over 35 years of age, and over 90% of these are caused by ischaemic heart disease. Her research is, for the first time, evaluating all first-degree

relatives of sudden death victims by cardiac MRI. Due to the excellent spatial and temporal resolution afforded by cardiac MR cardiac dimensions and function can be assessed more accurately and reproducibly than with other techniques and cardiac MRI can also provide information on tissue characteristics such as the presence of fatty infiltration or scar. The addition of cardiac MRI to standard evaluation of relatives of sudden death victims will aid in identification of affected relatives at an earlier stage and therefore improve our ability to prevent further deaths.

Dr Donal Reddan

Consultant Nephrologist, Galway University Hospitals



Early management of acute kidney injury

Dr Reddan is a Consultant Nephrologist, General Physician and clinical lecturer at University College Galway Hospitals in Ireland. He is a graduate of University College Dublin and following an initial period of post-graduate training in Dublin completed a residency in General Medicine at Allegheny General Hospital Pittsburgh and a fellowship in Nephrology at Duke University Medical Center where he also completed a masters in health sciences and served on faculty as an Assistant Professor in the division of Nephrology and at the Duke Clinical Research Institute. He has been involved

in the design and implementation of a number of clinical trials, most notably the CHOIR study of erythropoetin therapy for anemia in chronic kidney disease. He has published extensively in the area of chronic kidney disease CKD associated anemia, CKD associated cardiovascular risk and contrast induced acute kidney injury. He is a Fellow current junior council member and vice president of the Royal College of Physicians of Ireland. He is also a member of the American society of Nephrology, the European renal association and the international society of Nephrology.

Dr Patrick Neligan

Consultant in Anaesthesia, Galway University Hospitals



Sepsis: update on early management

Dr Neligan graduated medicine in UCD in 1991 and trained in medicine and anaesthesia in Ireland through 2000. He undertook fellowship training in Critical Care at Duke University, North Carolina, and at the University of Pennsylvania, Philadelphia. He was a consultant in Anaesthesia and Critical Care, PACU medical director, anaesthesia-trauma director, at the Hospital of University of Pennsylvania, between 2002 and 2008.

Since then he has been a consultant in Anaesthesia with Special Interest in Intensive Care Medicine at Galway University Hospitals. He is currently postgraduate training director in anaesthesia. He co-edited, with Clifford S. Deutschman, "An Evidence Based Practice of Critical Care," published in 2010. Aside from Critical Care his major academic interests are in fluid, electrolytes, acid-base chemistry and bariatric medicine.

Dr Catherine Wall

Consultant Nephrologist, AMNCH, Tallaght



Management of common metabolic disorders on call

Dr Wall graduated from Trinity College, Dublin in 1993 and undertook postgraduate training in Toronto, Canada and London, England. Dr Wall has been a Consultant Nephrologist in The Adelaide

and Meath Hospital, Dublin since 2006. Dr Wall's interests include vasculitis, glomerular disease, renal disease in pregnancy and medical education.

Dr Norman Delanty

Consultant Neurologist, Beaumont Hospital, Dublin



Early management of seizure disorders

Dr Delanty is Consultant Neurologist and Director of the Epilepsy Service and National Epilepsy Surgery Programme at Beaumont Hospital, Dublin. He is also Honorary Senior Lecturer at the Department of Molecular and Cellular Therapeutics at the Royal College of Surgeons in Ireland (RCSI). He is an executive committee member of Brainwave, the Irish Epilepsy Association. He initiated the ongoing epilepsy genetics programme running between Beaumont Hospital and the RCSI and is the clinical lead on the electronic epilepsy patient record. He has other active collaborations

with investigators in the UK, USA, and Belgium. In 2009, he was awarded ILAE International Ambassador for Epilepsy Award presented at the International Epilepsy Congress in Budapest. He is now President of the Irish Chapter of the International League Against Epilepsy. He, in conjunction with Mr Brian Geraghty and other colleagues, are currently working towards the establishment of a National Centre for Epilepsy in Ireland, and have been engaging with government, academia, and business to achieve this aim.

Dr Morgan Crowe

Consultant Physician in Geriatric Medicine, St Vincent's University Hospital Dublin



Update on the management of TIAs

Dr Crowe trained in geriatric medicine in Dublin and Oxford, where he developed an interest in stroke having participated in the Oxford Community Stroke Project. Following his appointment as Consultant Physician in St Vincent's University Hospital, he collaborated with colleagues in geriatric medicine, rehabilitation medicine and neurology, in developing

the first coordinated stroke service (1989) and dedicated TIA clinic (2003) in this jurisdiction. He has participated in a number of multi-centre trials, including CLOTS and the first International Stroke Trial (IST) for which he was the Irish coordinator. Current research interests include Stroke in the Very Old.

