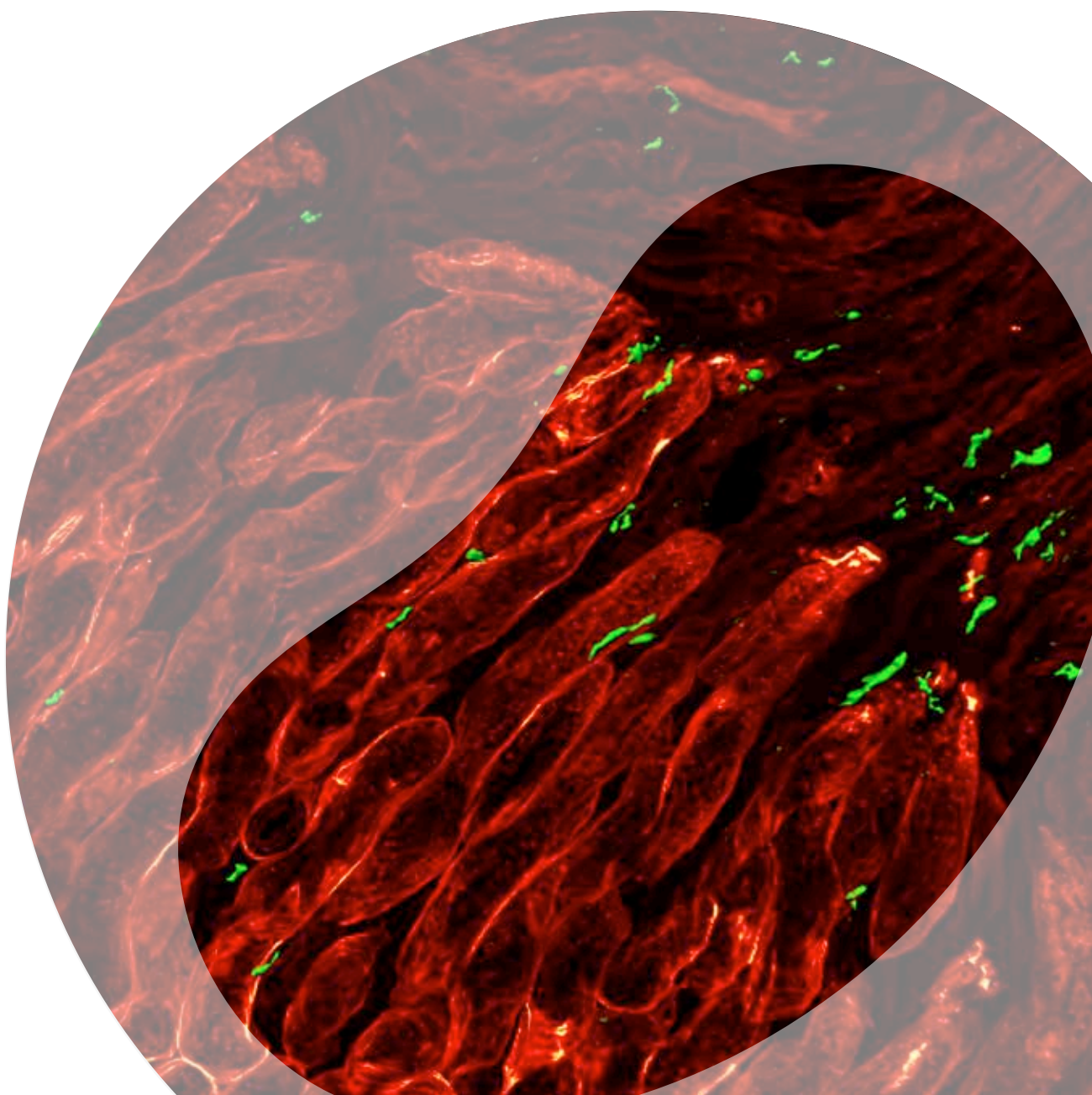




London Acute Kidney Injury Network

# Second AKI Academy

London, October 18<sup>th</sup> – 19<sup>th</sup> 2014



# About the AKI Academy

This course is designed to provide a comprehensive overview of the pathogenesis, epidemiology, prevention and therapy of acute kidney injury (AKI).

AKI is one of the commonest conditions affecting hospitalised patients. It confers significant risk of morbidity and mortality and has been identified as one of the fastest rising contributors to healthcare costs. The diagnosis and management of this condition is complex and resource intensive.

This course is designed for doctors of all grades who wish to undertake a comprehensive update in the subject. It is particularly suitable for speciality registrars undertaking training in nephrology, critical care, acute medicine or other acute care specialities such as Health Services for Older People or Emergency medicine. It will also benefit consultants wishing to undertake a refresher in the subject, more junior doctors such as those in core medical or acute care stem training or members of allied professions with an interest.

We have assembled a renowned faculty of AKI experts from the nephrology, critical care and acute medicine fields. All are committed educators who will bring a diversity of expertise to a varied subject.

The course mixes didactic teaching with speciality-specific workshops, practical session and AKI simulation. Delegates can expect to complete the course with a thorough knowledge of conditions causing AKI, strategies for prevention and detection, supportive and disease specific therapies and renal replacement strategies. They will be able to then deploy this knowledge in general acute, renal and critical care areas.

UCH Education is a state of the art teaching and simulation facility situated in the heart of central London. It is 5 minutes walk from Euston mainline station and a short walk from several underground stations including Euston, Euston Square, Great Portland Street, Warren Street, Goadge Street and Tottenham Court Road.

## Course directors:

Andrew Davenport, Chris Laing (UCL Centre for Nephrology, Royal Free)

Marlies Ostermann (Departments of Critical care & Nephrology, Guys & St Thomas Hospitals)

## Faculty:

Chris Farmer, David Treacher, Ganesh Suntharalingam, Suren Kangasundaram, James O'Beirne, Chris Kirwan, Lui Forni, Helen Dickie, Hamish Dobbie, Bhriugu Sood, Nick Murch, Aisling O'Riordan, Daniel McGuinness, Mervyn Singer, Cathy Nelson-Piercy, Daniel Gale, Andrew Lewington, David Nicol, Alan Salama, John Prowle, Bill Clark, Mark Devonald, Nick Selby, Taryn Pile.



## Venue

UCH Education centre  
1st Floor West,  
UCH Education Centre  
250 Euston Road  
NW1 2PG



*Office block across the Euston road from UCLH,  
not the main UCH building*

10 CPD points applied for. To register please log on  
to eventbrite at the following address:  
<http://www.eventbrite.co.uk/e/aki-academy-2014-tickets-12708769271>

**All proceeds from delegate fees and sponsorships,  
above costs, are invested in non-profit AKI  
education, including a LAKIN AKI educational  
initiative in Malawi.**

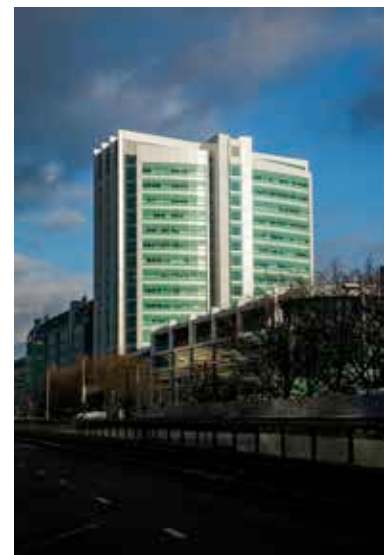


## Booking

Book the course via eventbrite through the following link:  
[www.eventbrite.co.uk/e/aki-academy-2014-tickets-12708769271](http://www.eventbrite.co.uk/e/aki-academy-2014-tickets-12708769271)

## Prices

£250 for doctors (1 day £125)  
£50 for nurses (1 day £25)



# Day 1 (October 18<sup>th</sup>)

09:00 Registration and Introduction

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## CORE LECTURES 1

Chair Chris Laing

09:30 – 10:00 Definition of AKI, scoring systems and epidemiology: Chris Farmer

10:00 – 10:30 Assessment of fluid status: David Treacher

10:30 – 11:00 A rational approach to fluid therapy and resuscitation: Ganesh Suntharalingam

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11:00 – 11:30 Break

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## CORE LECTURES 2

Chair Andrew Davenport

11:30 – 12:00 Supportive care of the AKI Patient: Suren Kangasundaram

12:00 – 12:30 AKI and liver disease: James O'Beirne

12:30 – 13:00 AKI and nephrotoxicity: Chris Laing

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13:00 – 14:00 Lunch

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## WORKSHOP STREAM 1: CRITICAL CARE

14:00 – 14:30 When to refer to a nephrologist: Chris Kirwan

14:30 – 15:00 RRT modalities and selection: Lui Forni

15:00 – 15:30 Timing, dosage and withdrawal of RRT in AKI: Chris Kirwan

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15:30 – 16:00 Break

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16:00 – 16:30 Understanding the CRRT machine: Helen Dickie

16:30 – 17:00 Problems in anticoagulation and CRRT: Marlies Ostermann

17:00 – 17:30 Nutrition in the critically ill patient requiring renal support: Andrew Davenport



## **WORKSHOP STREAM 2: NEPHROLOGY**

14:00 – 14:45 Acute kidney injury dialysis in the renal unit: Andrew Davenport

14:45 – 15:30 Challenging AKI RRT cases: Chris Laing

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15:30 – 16:00 Break

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16:00 – 16:30 Case workshop: AKI-poisoning: Chris Laing

16:30 – 17:00 AKI in atypical infection and tropical disease: Hamish Dobbie

17:00 – 17:30 Urine microscopy in AKI - all the nephrologist needs to know about bedside diagnosis of acute parenchymal renal disease: Bhrigu Sood

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## **WORKSHOP STREAM 3: ACUTE MEDICINE**

14:00 – 14:30 Case workshop: AKI care bundle: Taryn Pile

14:30 – 15:00 Medical therapy of AKI complications: TBC

15:00 – 15:30 Case workshop: AKI cases for the acute physician: TBC

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15:30 – 16:00 Break

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16:00 – 16:30 AKI simulation session: Nick Murch, Aisling O’Riordan and Daniel McGuinness

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## **WORKSHOP STREAM 4: ACUTE NURSING**

14:00 – 14:40 Fluid assessment, monitoring and therapy for the acute nurse

14:40 – 15:00 The ‘at-risk’ AKI patient

15:00 – 15:30 Acute nursing case workshop

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15:30 – 16:00 Break

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16:00 – 16:30 AKI simulation session: Nick Murch, Aisling O’Riordan and Daniel McGuinness



# Day 2 (October 19<sup>th</sup>)

## CORE LECTURES 3

Chair Marlies Ostermann

09:00 – 09:30 Acute cardiorenal syndrome: Andrew Davenport

09:30 – 10:00 AKI in sepsis: Mervyn Singer

10:00 – 10:30 AKI in pregnancy: Cathy Nelson-Piercy

10:30 – 11:00 HUS/TTP and thrombotic microangiopathies: Daniel Gale

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11:00 – 11:30 Break

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## CORE LECTURES 4

Chair John Prowle

11:30 – 12:00 Contrast nephropathy: Andrew Lewington

12:00 – 12:30 AKI in obstruction: David Nicol

12:30 – 13:00 Acute glomerulonephritis: Alan Salama

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13:00 – 14:00 Lunch

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## WORKSHOP STREAM 1: CRITICAL CARE

14:00 – 14:30 Deployment of RRT in challenging AKI cases: Chris Laing

14:30 – 15:00 Biomarkers in AKI-critical care: John Prowle

15:00 – 15:30 CRRT in acute brain injury and neurological disease: Andrew Davenport

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15:30 – 16:00 Break

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16:00 – 16:30 Drug dosing in AKI patients in critical care: Marlies Ostermann

16:30 – 17:00 AKI in Trauma and surgery: Chris Kirwan

17:00 – 17:30 New innovations in CRRT: Bill Clark



## **WORKSHOP STREAM 2: NEPHROLOGY**

14:00 – 14:30 Case workshop: AKI in HUS and thrombotic microangiopathy: Daniel Gale

14:30 – 15:00 Case workshop: AKI-vasculitis: Alan Salama

15:00 – 15:30 Challenging cases in AKI-myeloma: Julian Gillmore

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15:30 – 16:00 Break

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16:00 – 16:30 Case workshop: AKI histopathology: Paul Bass and Alan Slama

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## **WORKSHOP STREAM 3: ACUTE MEDICINE**

14:00 – 14:45 Case workshop: AKI cases for the acute physician: Mark Devonald

14:45 – 15:30 Case workshop: AKI cases for the acute physician: Nick Selby

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15:30 – 16:00 Break

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16:00 – 18:00 AKI simulation session: Nick Murch, Aisling O’Riordan and Daniel McGuinness

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## **WORKSHOP STREAM 4: ACUTE NURSING**

14:00 – 14:45 Nursing management of the patient with established AKI

14:45 – 15:30 AKI cases for the acute nurse

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15:30 – 16:00 Break

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16:00 – 18:00 AKI simulation session: Nick Murch, Aisling O’Riordan and Daniel McGuinness

