Acute Kidney Injury

A CME course organised by The YNP of The ERA-EDTA

Dunblane Hydro, 24\textsuperscript{th}-25\textsuperscript{th} October 2017

Day 1

8:30-8:55: Registration and coffee

8:55-9:00: Welcome, Dr Kate Stevens

### Session 1: 9:00-11:30

**Defining, preventing and managing AKI**

**Chairs:** Dr Carina Ferreira and Dr Kate Stevens

09:00-09:45

**Definition, pathogenesis, biomarkers and risk assessment**

*AKI – what is it, why does it occur, who is at risk and how can we avoid it?*

Dr Nick Selby, Derby, UK

09:45-10:30

**Non-dialytic therapy**

*How to handle AKI without dialysis*

Dr Cath Stirling, Glasgow, UK

10:30-11:15

**Acute Renal Replacement Therapies in AKI**

*Dialysis in AKI: when and how?*

Dr Samira Bell, Dundee, UK

11:15-11:30

**Questions**
11:30-11:50: **Coffee Break**

| Session 2: 11:50-12:40 | **AKI and outcomes**  
**Chair:** Dr Samira Bell and Dr Nick Selby |
|-------------------------|----------------------------------------------------------|
| 11:50-12:30             | **Outcomes after AKI**  
*Intermediate and long term outcomes of survivors of acute kidney injury*  
Dr Simon Sawhney, Aberdeen, UK |
| 12:30-12:40             | **Questions** |

12:40-13:30: **Lunch**

| Session 3: 13:30-15:45 | **AKI, infection and drugs**  
**Chairs:** Prof Gerry McKay and Dr Cath Stirling |
|-------------------------|----------------------------------------------------------|
| 13:30-14:10             | **Post-infectious glomerulonephritis or infectious-related glomerulonephritis?**  
How can you differentiate and does it matter?  
Dr Ben Sprangers, Leuven, Belgium. |
| 14:10-14:50             | **AKI in HIV and hepatitis**  
*Blood borne viruses and the kidney*  
Dr Jose Antonio Lopes, Lisbon, Portugal |
| 14:50-15:30             | **AKI in overdose**  
*Drug overdose and development of renal toxicity*  
Prof Gerry McKay, Glasgow, UK |
<p>| 15:30-15:45             | <strong>Questions</strong> |</p>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>15:45-16:00</td>
<td><strong>Coffee Break</strong></td>
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<td><strong>Session 4: 16:00-17:35</strong></td>
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<td>16:00-16:40</td>
<td><strong>ICU nephrology</strong></td>
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<td><strong>Chairs: Dr Carina Ferreira and Dr Simon Sawhney</strong></td>
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<td><strong>AKI and ICU nephrology: cases</strong></td>
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<td><em>Test your knowledge: AKI in the ICU</em></td>
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<td>Dr Robert Docking, Glasgow, UK</td>
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<td>16:40-17:20</td>
<td><strong>AKI Post surgery</strong></td>
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<td><em>Postoperative AKI: does the surgery matter?</em></td>
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<td>Dr Jose Antonio Lopes, Lisbon, Portugal</td>
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<td>17:20-17:35</td>
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Day 2

8:30-8:45: Coffee

Session 1: 8:45-11:00

**AKI and glomerulonephritis**

**Chairs:** Dr Kate Stevens and Dr Carina Ferreria

8:45-9:30

**AKI and Vasculitis**

*Vasculitis and kidney injury: when do we and when do we not biopsy?*

Dr Bean Dhaun, Edinburgh, UK

9:30-10:15

**Diabetes - AKI or CKD?**

*Pathophysiology, progression factors, treatment armamentarium and inertia*

Prof. Denis Fouque, Lyon, France

10:15-10:45

**AKI and myeloma**

*Aetiology and Management of AKI in multiple myeloma patients*

Dr Ben Sprangers, Leuven, Belgium.

10:45-11:00

**Questions**

11:00-11:15: Coffee Break
Session 2: 11:15-13:45

AKI in Transplantation

Chairs: Dr Bean Dhaun and Dr David Walbaum

11:15-12:00

Infection causing AKI in Transplantation

*Are there differences in AKI-related infections in renal transplant recipients?*

Dr Siobhan McManus, Glasgow, UK

12:00-12:45

Acute rejection causing AKI in Transplantation

*Rising creatinine and rejection in renal transplant patients*

Dr Patrick Mark, Glasgow, UK

12:45-13:30

AKI cases in transplantation

*Test your knowledge: AKI in solid organ transplantation (excluding kidneys)*

Dr Lorna Henderson, Edinburgh, UK

13:30-13:45

Questions

13:45-14:30: Lunch

Session 3: 14:30-15:45

AKI and haem-oncology

Chairs: Prof Jonathan Fox and Prof Denis Fouque

14:30-15:00

AKI and HUS/TTP

*Atypical haemolytic uremic syndrome – how to protect the kidneys?*

Prof. Alexandre Hertig, Paris, France

15:00-15:30

AKI and nephrotoxicity

*Nephrotoxicity of chemotherapy and contrast*

Dr David Walbaum, Aberdeen, UK

15:30-15:45

Questions
15:45-16:00: **Coffee Break**

**Session 4: 16:00-17:30**

**CPC: AKI cases**

Chairs: Dr Bruce MacKinnon and Dr Patrick Mark

Panel: Dr Ingeborg Bajema, Leiden, Netherlands, Prof Jonathan Fox, Glasgow, UK
Dr Emily McQuarrie, Glasgow, UK and Dr Catherine Horsfield, London, UK

17:30: **Closing Remarks, Dr Kate Stevens**