6th Preston Basic Renal Ultrasound Course

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SIEMENS

Education Centre, Royal Preston Hospital
23-24 November 2013
The number of ultrasound machines in renal units has proliferated in recent years and nephrologists also use ultrasound for renal biopsies. Some have proposed that every physician should be capable of basic point-of-care ultrasound and that the ultrasound scanner will become the stethoscope of the 21st century. Devices are also getting smaller to the point where hand-held ultrasound is now a reality.

Unfortunately, there is no formal training in renal ultrasound for specialist registrars in renal medicine. The relevant professional societies have formulated minimal training requirements for ultrasound in many fields, such as gynecology, urology, and even pediatric nephrology. However, such a standard does not exist in adult renal medicine.

The aim of this course is to provide a basic knowledge in renal ultrasound with a lot of hands-on experience and we expect to be awarded 12 CPD credits by the Royal College of Physicians. It is aimed at trainees with no or very little previous experience in ultrasound.

This course does not provide formal training or certification in renal ultrasound. It can only be the starting point for a long period of learning renal ultrasound under the supervision of local radiologists and/or physicians. A suitable framework for such training and standards for certification needs to be addressed by the appropriate professional bodies in renal medicine and radiology.

We are confident that this course will be at least as successful as the courses in the previous years. We expect that the course will be awarded with 12 CME points by the Royal College of Physicians in London.

Michael Schulz  Tracy Butcher  Alexander Woywodt
• Alexander Woywodt MD FRCP, Consultant Physician and Nephrologist, Renal Unit, Lancashire Teaching Hospitals NHS Foundation Trust  
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### Speakers

• Mrs. Tracy Butcher, Consultant Sonographer, Lancashire Teaching Hospitals NHS Foundation Trust  
• Dr Alistair Craig, Consultant Vascular and interventional Radiologist, Lancashire Teaching Hospitals NHS Foundation Trust  
• Miss Rebecca Hall, Sonographer, Department of Radiology, Royal Liverpool and Broadgreen University Hospitals NHS Trust  
• Michael Schulz MD FRCP, Consultant Physician and Nephrologist, Royal Liverpool and Broadgreen University Hospitals NHS Trust  
• Alexander Woywodt MD FRCP, Consultant Physician and Nephrologist, Lancashire Teaching Hospitals NHS Foundation Trust
Day One

10.00  Welcome. Tea and coffee on arrival

10.15  Principles of ultrasound and buttons on ultrasound machines
        Butcher

10.45  Buttons on ultrasound machines: Hands-on
        Butcher / Ferring / Schulz / Woywodt

11:15  Coffee break

11.30  Native kidneys: Normal ultrasound anatomy
        Schulz

12.00  Hands-on: Ultrasound of normal kidneys
        Butcher / Ferring / Schulz / Woywodt

13.00  Lunch

14.00  Mapping
        Craig

14.30  HD Access ultrasound and surveillance:
        An introduction
        Hall

15.00  Coffee break

15:15  Demo and Hands-on:
        Ultrasound of vascular access
        Craig / Hall

17:00  End of day one
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>10:00</td>
<td>(Tea and coffee on arrival)</td>
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<tr>
<td>10:15</td>
<td>Native kidneys: Common abnormal findings</td>
<td>Dr. A. Woywodt</td>
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<td>Size, parenchymal changes, obstruction</td>
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<tr>
<td>10:45</td>
<td>Cysts, space-occupying lesions, stones</td>
<td>Dr. M. Schulz</td>
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<td>11:15</td>
<td>Coffee break</td>
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<tr>
<td>11:30</td>
<td>Hands-on: Ultrasound of abnormal native kidneys</td>
<td>Butcher / Schulz / N.N. / Woywodt</td>
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<td>12:30</td>
<td>Lunch (continued hands-on as per demand)</td>
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<tr>
<td>13:30</td>
<td>Native renal biopsy</td>
<td>Dr. Schulz</td>
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<td>14:00</td>
<td>Biopsy hands-on (pig kidney in gelatine)</td>
<td>Schulz</td>
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<td>Optional break out session: Ultrasound in PD and IVC ultrasound</td>
<td>Woywodt</td>
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<td>15:00</td>
<td>Coffee break</td>
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<td>15:15</td>
<td>Renal transplant ultrasound: An introduction</td>
<td>Dr. Woywodt</td>
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<tr>
<td>15:45</td>
<td>Hands-on: Renal transplant ultrasound</td>
<td>Butcher / Schulz / N.N. / Woywodt</td>
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<td>17:00</td>
<td>Farewell</td>
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How to get there

Local directions & Parking

How to find us - by car

From the M6 motorway:

• Junction 32 off the M6.
• Turn left off the slip road onto the A6 Garstang Road, heading towards Preston.
• At the second major set of traffic lights turn left into Sharoe Green Lane.
• The main entrance to Royal Preston Hospital is 200yds on the right.

Car parking
The parking next to education centre 1 (see map) will be accessible for course participants.

In addition, the Royal Preston Hospital has eight public car parks providing 488 spaces, 45 of these for disabled people. Car-parking charges are £1.50 per visit.

Local transport:

Bus Service
Preston Bus Ltd operates services from the main Preston Bus Station to the Royal Preston Hospital, via routes through local areas. Services required are numbers 7/19/22/23/123. Preston Bus has recently introduced onto the hospital routes buses adapted for use by disabled people to ensure easy access and exit from public transport. For further information please contact Preston Bus Ltd on 01772 821199 or 01772 253671.

Taxi Service
Local taxi firms also offer a service to and from the hospitals. Free-phones are available at both hospital sites to make taxi bookings.

There will be signs for parking near education centre 1
**How to book**

The course fee is £500,-. This includes the lectures, hands-on sessions and course pack. A CD ROM with all presentations in pdf format is also included.

You can send the completed form and a cheque to

Mrs Louise Dowling  
Renal Unit  
Royal Preston Hospital  
Sharoe Green Lane  
Preston PR2 9HT

You can pay the full amount upfront or, to secure a place on the course, send a £100 deposit. The remaining £400,- will have to be sent before or on October 1, 2013

The cheque should be made payable to Lancashire Teaching Hospitals NHS Foundation Trust

**Cancellation and refund**

There will be no refund for either deposit or the full payment. However you can transfer your place on the course to someone else if you are unable to attend. Please appreciate the considerable effort for this course and in particular for the hands-on sessions with patients.
I will participate in the 6th Preston Basic Renal Ultrasound Course on November 23-24, 2013

Please find attached my

☐ £100,- deposit (cheque)
  or
☐ £500,- full amount (cheque)

I have read the course leaflet and accept the no refund policy

Signed ___________________________ Date ___________________________

Special requirements (e.g. vegetarian or Halal food): ___________________________