

# 9<sup>th</sup> Preston Renal Biopsy Course

**Saturday 6<sup>th</sup> and Sunday 7<sup>th</sup> June 2020**

**Education Centre I, Royal Preston Hospital, Lancashire UK**



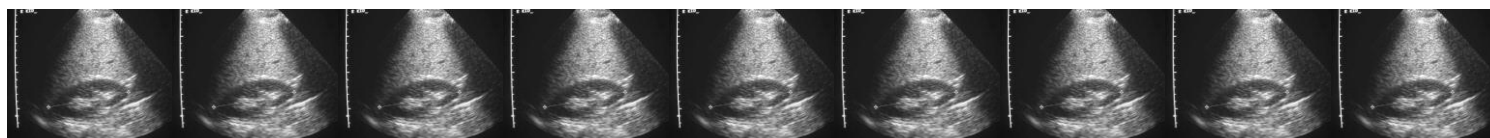
# Foreword

Most nephrologists perform renal biopsies on both native and transplant kidneys. Training is usually “on the job” under the supervision of an experienced biopsy operator. However, other than watching there is very little in terms of hands-on training before one performs the first couple of biopsies.

The aim of this course is to provide introduction regarding indications, contraindications and complications of renal biopsy. We have real cases to debate whether doing a kidney biopsy would be useful or not. We also offer “Meet the Expert” sessions. The course also includes pathology teaching, Consent and ethical issues, and up-to-date management of common biopsy outcomes.

The unique feature of this course is that over 2 days there are hands-on sessions in small groups. You will have the opportunity to practice the use of ultrasound to identify and localize native kidneys of healthy volunteers as well as transplant patients. You will learn and experience the effect of correct positioning of the patient in this process as well. You will gain hands-on experience with the actual biopsy itself with our purpose-built renal biopsy simulator with real kidneys and also with a renal biopsy training model using different techniques and different guns and needles. Finally, you will examine the biopsy cores under microscope to make sure they are adequate. All of this will give you valuable experience and the opportunity to get a grip on equipment and handling in a stress-free setting. This course does not provide formal certification of competency in doing renal biopsy and does not replace local performance tests (DOPS, etc.) required by trainees.

This is the first course of its kind in the UK and worldwide to train on doing renal biopsy on 2 different renal biopsy models. The course has attracted since its start in 2012 participants from 40 countries over 4 continents. The course also offers 10 CME points by the Royal College of Physicians in London.



# Organiser

- **Aimun Ahmed**, Consultant Nephrologist, Department of Renal Medicine, Lancashire Teaching Hospitals NHS Foundation Trust

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[aimun.ahmed@lthtr.nhs.uk](mailto:aimun.ahmed@lthtr.nhs.uk)

# Faculty

- Dr Aimun Ahmed, Consultant Nephrologist, Department of Renal Medicine, Lancashire Teaching Hospitals NHS Foundation Trust
- Dr John Anderton, Consultant Nephrologist, Department of Renal Medicine Lancashire Teaching Hospitals NHS Foundation Trust
- Dr Mark Brady, Consultant Nephrologist and Clinical Director, Department of Renal Medicine, Lancashire Teaching Hospitals NHS Foundation Trust
- Dr Ajay Dhaygude, Consultant Nephrologist, Lancashire Teaching Hospitals NHS Foundation.
- Mrs Patricia Duffin, Sonographer, Lancashire Teaching Hospitals NHS Foundation Trust
- Dr Beena Nair, Consultant Pathologist, Lancashire Teaching Hospitals NHS Foundation
- Dr Michael Schulz, Consultant Nephrologist, Department of Renal Medicine, Royal Liverpool and Broadgreen University Hospitals NHS Trust
- Dr Moatz Fathy, Consultant Nephrologist, Department of Renal Medicine, Cairo University, Egypt.



# Programme Day One

## Day 1 – Saturday 6<sup>th</sup> June 2020

**8:30 Welcome and Registration. Tea and coffee on arrival – Education Centre 1**

**(9:00-12:30) Lecture room 3, Education Centre 1, first floor**

<b>9:00</b> Introduction	Dr Ahmed
<b>9:10</b> Indications, contraindications and complications of renal biopsy	Dr Anderton
<b>9:50</b> Pre and post biopsy care/ Guns and Needles	Dr Ahmed
<b>10:45</b> Renal Biopsy video	

**10:55 Coffee Break**

<b>11:15</b> Renal Biopsy in the hands of Pathology	Dr Nair
<b>12:00</b> Pathology quiz	Dr Nair

**12:30-13:30 Lunch (Dining Room - Education Centre 1, ground floor)**

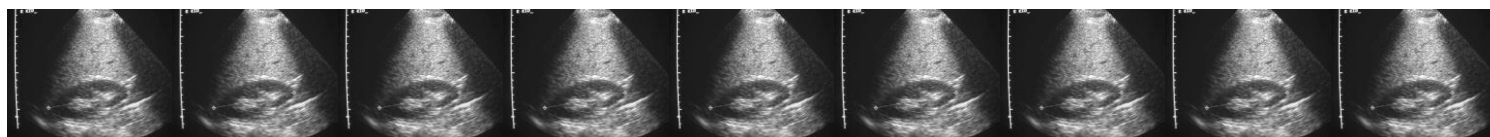
**(13:30-17:00) HANDS-ON SESSIONS: Sharoe Green Unit (Maternity Building)**

Hands-On (Biopsy models/transplant patients/healthy volunteers/Guns and needles)

a) <b>Room 1</b> Buttons on the US machine + Kidney localisation	Mrs Duffin
b) <b>Room 2</b> Native and Renal transplant ultrasound	Dr Fatthy
c) <b>Room 3</b> Guns and needles - Doing the biopsy (Biopsy model)	Dr Ahmed

**Coffee and refreshments will be available during the sessions**

**17:00 End of Day 1**



# Programme Day Two

## Day 2 – Sunday 7<sup>th</sup> June 2020

### 9:00-12:00 Hands-on sessions; Sharoe Green Unit (Maternity Building)

(Localise kidney in transplant patients and healthy volunteers/Doing the biopsy/examine kidney under Microscope)

- |    |                                                                                                       |                        |
|----|-------------------------------------------------------------------------------------------------------|------------------------|
| a) | <b>Room 1</b> Doing kidney biopsy (Pig Kidney in gelatine)<br>Examine the kidney under the microscope | Dr Schulz<br>Mr Grugel |
| b) | <b>Room 2</b> Doing kidney biopsy (Pig Kidney in gelatine)                                            | Dr Fathy/ Dr Ahmed     |
| c) | <b>Room 3</b> Localise kidney in healthy volunteers                                                   | Mrs Duffin             |

**Coffee and refreshments will be available during the sessions**

**12:00-12:30** Consent and ethical issues with kidney biopsy Dr Brady

**12:30-13:30 Lunch (Dining Room – Education Centre 1, ground floor)**

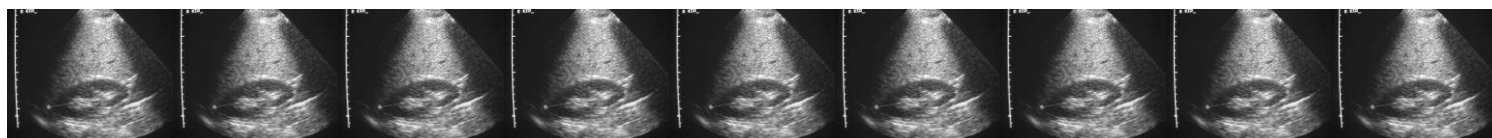
**(13:30-15:00) Lecture room 3, Education Centre 1, first floor**

**13:30-14:15** To biopsy or not to biopsy – controversial cases Dr Ahmed  
(Expert Panel: Dr Ahmed /Dr Schulz/Dr Dhaygude/ Dr Brady)

**14:15-15:00** Evidence based management of renal biopsy outcomes Dr Dhaygude

**15:00 End of day 2**

Please complete the attached application form and return to [surgicalsim@lthtr.nhs.uk](mailto:surgicalsim@lthtr.nhs.uk)



# How To Book

## **How to Book**

Please complete the attached application form and return to [surgicals@lhtr.nhs.uk](mailto:surgicals@lhtr.nhs.uk)

## **Course Fee**

The course fee is £600 per person.

*Places are limited and competitive and are secured upon receipt of full payment.*

The course fee is payable by credit card or debit card (not currently American Express). A link to our on-line payment system will be sent to you upon receipt of your completed reservation form.

## **Cancellation and refund**

There will be no refund for this course as places are limited.

# **9<sup>th</sup> Preston Renal Biopsy Course**

**Saturday 6<sup>th</sup> & Sunday 7<sup>th</sup> June 2020**

## **APPLICATION FORM**

Name \_\_\_\_\_

Job Title \_\_\_\_\_

Organisation \_\_\_\_\_

Address \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_

I wish to register for the 9<sup>th</sup> Renal Biopsy Course on Saturday 6<sup>th</sup> & Sunday 7<sup>th</sup> June 2020.

Signed \_\_\_\_\_ Date \_\_\_\_\_

Special requirements (e.g. vegetarian food): \_\_\_\_\_

Please complete and return to [Surgicals@lthtr.nhs.uk](mailto:Surgicals@lthtr.nhs.uk)