

UCL International Hepatology ULTRASOUND COURSE

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UCL

Join us for an in-depth course led by internationally recognised experts in the field of hepatology and non-invasive liver disease assessment on how to use ultrasound and elastography in liver disease in different clinical scenarios.

Each day includes practical sessions with healthy volunteers and, depending on availability, real patients.

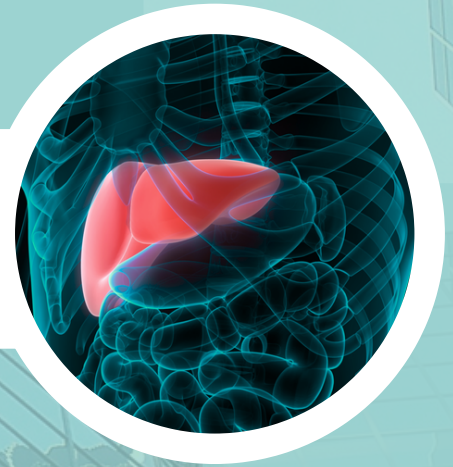
Delegates in training	£300
Registered consultants	£400

20TH-21ST SEPTEMBER

LONDON

ROYAL FREE HOSPITAL

15 CPD POINTS



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Day 1: Friday, 20th September

- 08:30 Registration
- 09:00 Introduction
- 09:10 Basics of ultrasound physics and their application to liver imaging
- 09:30 How to use an ultrasound machine – knobology
- 09:45 Introduction to normal liver ultrasound
– normal liver anatomy
– ultrasound semantics
- 10:15 Gallbladder and biliary system
- 10:30 Liver circulation
- 10:45 Concepts of Doppler and Colour Doppler Analysis
- 11:05 *Refreshment break*
- 11:30–13:00 Practical session in small groups: Hands-on normal anatomy
- 13:00 Lunch break
- 13:40 Diffuse liver disease acute and chronic
- 14:00 Ultrasound assessment of portal hypertension
- 14:20 Ultrasound in vascular liver diseases
- 14:40 Biliary pathology
- 15:00 Focal lesions: benign, malignant and the use of CEUS in differential diagnosis
- 15:30 Ultrasound findings in infectious diseases with liver involvement
- 16:00 *Refreshment break*
- 16:15–18:15 Practical session in small groups: Hands-on pathology

Day 2: Saturday, 21st September

- 09:00 Point-of-care ultrasound in liver disease
- 09:20 Ultrasound in liver transplant
- 09:50 Elastography – basic concepts and different elastographic techniques
- 10:20 Elastography guidelines in chronic liver disease
- 10:40 Elastography in cirrhotic and non-cirrhotic portal hypertension – from guidelines to clinical practice
- 11:10 *Refreshment break*
- 11:30 Elastography in autoimmune hepatitis
- 11:50 Elastography in cholestatic liver disease
- 12:10 Ultrasound advanced techniques (fat quantification and viscosity)
- 12:30 Non-invasive assessment of MASLD
- 13:00 Lunch break
- 13:45–15:00 Interactive clinical cases
- 15:00–18:00 Practical session in small groups: Hands-on elastography
– normal findings
– pathological findings
- 18:15 End of the course and closing remarks