



## QUANTITATIVE LIVER MRI STUDY DAY

CPD: 4 CREDITS



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# QUANTITATIVE LIVER MRI STUDY DAY

CPD: 3 CREDITS

Quantitative liver MRI - that is, the use of MRI to obtain quantitative information about the properties of liver tissue beyond anatomical imaging is readily available on most clinical MR scanners and has slowly but surely made its way into mainstream clinical radiological practice.

This virtual event explores clinical MRI methods used for quantification of liver fat, liver iron and liver stiffness available on current generation MRI scanners, reviewing clinical indications for their use, how these sequences work, how quantification can be undertaken in clinical radiological practice and some of the challenges, difficulties and errors that can arise when undertaking these measurements.

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## Programme Organisers:

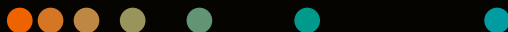
Dr Manil Chouhan, Consultant Radiologist, University College London Hospitals NHS Foundation Trust/University College London Centre for Medical Imaging

Dr Martin Graves, Consultant Clinical Scientist, Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust

<b>13:00</b>	<b>Welcome and Introduction</b> Dr Martin Graves, Consultant Clinical Scientist, Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust
<b>13:05</b>	<b>Quantitative liver MRI, why and when? - the hepatologist's perspective</b> Dr Mike Allison, Consultant Hepatologist, Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust
<b>13:35</b>	<b>Q&amp;A</b>
<b>13:40</b>	<b>Accurate MRI quantification of liver fat - how it works and how we do it</b> Dr Manil Chouhan, Consultant Radiologist, University College London Hospitals NHS Foundation Trust/University College London Centre for Medical Imaging and Dr Alan Bainbridge, Consultant Clinical Scientist/Head of MRI Physics, University College London Hospitals NHS Foundation Trust
<b>14:10</b>	<b>Q&amp;A</b>
<b>14:15</b>	<b>Accurate MRI quantification of liver iron - how, why and when</b> Dr Anita Paisant, Hepatopancreaticobiliary GI Radiologist, Angers University Hospital - France and Professor Hervé Saint-Jalmes, University of Rennes
<b>14:45</b>	<b>Q&amp;A</b>
<b>14:50</b>	<b>Break</b>
<b>15:00</b>	<b>Measuring liver stiffness with MR elastography - how it works and how we do it</b> Dr Martin Graves, Consultant Clinical Scientist, Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust and Dr David Bowden, Consultant GI/HPB Radiologist and MR Clinical Lead, Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust
<b>15:30</b>	<b>Q&amp;A</b>
<b>15:35</b>	<b>The road ahead - quantitative abdominal MRI methods coming to your workstation in the next 5 years</b> Dr Manil Chouhan, Consultant Radiologist, University College London Hospitals NHS Foundation Trust/University College London Centre for Medical Imaging
<b>15:55</b>	<b>Q&amp;A</b>
<b>16:00</b>	<b>Panacea or Pandora's box? A panel discussion on the use of commercial solutions</b> Five minute pitches from key players in the industry, with a panel discussion after Dr Hans Peeters - Philips; Dr Radhouene Neji - Siemens; Perspectum - Dr Matt Kelly; GE - Ersin Bayram
<b>16:20</b>	<b>Commercial panel discussion</b>
<b>16:45</b>	<b>Close of event</b>

# LiverLab: Quantitative liver evaluation

[siemens-healthineers.co.uk/body-mri](https://siemens-healthineers.co.uk/body-mri)



Evaluating the fat and iron content of the liver is an important step in monitoring early stages of liver diseases. As steatosis and hemochromatosis are becoming more prevalent in industrialised countries, the demand for liver evaluation is growing.

LiverLab enables non-invasive identification of patients with fatty liver and iron overload already at an early disease stage. This helps to minimise the need for biopsy.

## Your benefits:

- Non-invasive evaluation method for liver fat and iron content
- Fast and reproducible results without post-processing
- One robust and fast clinical workflow
- Time and cost savings

**For further information contact**  
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