LIVER IMAGING WORKSHOP
April 28 - 29, 2016 | Edinburgh, United Kingdom
Liver imaging has evolved into one of the main fields of application in our discipline thanks to the impressive technological evolution of all modalities and the development of new contrast media in particular tissue specific agents.

**Aims**
The aim of the workshop is to provide a comprehensive coverage of all the main liver pathologies that will be presented by means of an integrated multimodality approach. Imaging findings will be analysed on the basis of their pathological correlations.

**Learning Objectives**
- To describe the most relevant technological advances of different modalities and contrast media applied to liver imaging.
- To equip delegates with an improved understanding of segmental anatomy of the liver in order to share a standard radiological and surgical terminology.
- To discuss the main liver pathologies based on structured multi-modality orientated lectures and interactive case presentations.
- To understand the imaging features on the basis of pathological correlations.
- To give practical suggestions on the diagnostic work-up of liver diseases in the daily practice.
SCIENTIFIC COORDINATOR
C.J. Zech, Basel/CH

LOCAL ORGANISER
I. Zealley, Dundee/UK

WORKSHOP VENUE
Royal College of Surgeons of Edinburgh
Nicolson Street
EH8 9DW Edinburgh, United Kingdom

WORKSHOP FACULTY
M.A. Bali, London/UK
T. Bartolotta, Palermo/IT
C. Bartolozzi, Pisa/IT
A. Bathgate, Edinburgh/UK
F. Caseiro Alves, Coimbra/PT
J. Gordon-Smith, Edinburgh/UK
H. Ireland, Edinburgh/UK
N. Masson, Edinburgh/UK
D. Patel, Edinburgh/UK
S. Wigmore, Edinburgh/UK
I. Zealley, Dundee/UK
C.J. Zech, Basel/CH

REGISTRATION
For further information and registration please refer to the ESGAR website www.esgar.org
Programme - April 28, 2016

08:45  Registration

09:15  Opening remarks  I. Zealley, Dundee/UK

Imaging modalities

09:20  US technique including CEUS  T. Bartolotta, Palermo/IT

09:45  The optimal liver protocol  F. Caseiro Alves, Coimbra/PT

10:10  Liver MRI: advanced techniques  C.J. Zech, Basel/CH

10:35  Q&A

10:40  Coffee break

Vascular and biliary anatomy and diseases

11:00  Functional anatomy of the liver and biliary tract: clinical implications  S. Wigmore, Edinburgh/UK

11:25  Vascular diseases  F. Caseiro Alves, Coimbra/PT

11:50  Biliary diseases (excluding cholangiocarcinoma)  M.A. Bali, London/UK

12:15  Q&A

12:30  Lunch
## Liver lesions in the non-cirrhotic liver

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter/Location</th>
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<tbody>
<tr>
<td>13:30</td>
<td>Benign lesions in the non-cirrhotic liver - value of hepato-biliary agents</td>
<td>D. Patel, Edinburgh/UK</td>
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<tr>
<td>13:55</td>
<td>Imaging of metastases - pitfalls for differential diagnosis</td>
<td>T. Bartolotta, Palermo/IT</td>
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<td>14:20</td>
<td>Primary tumours in the non-cirrhotic liver</td>
<td>M.A. Bali, London/UK</td>
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<td>14:40</td>
<td>Biliary tumours: benign and malignant lesions</td>
<td>N. Masson, Edinburgh/UK</td>
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<td>15:05</td>
<td>Q&amp;A</td>
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<td>15:15</td>
<td>Coffee break</td>
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### Interactive case discussions (3 x 40min)

- **Vascular diseases**
  - F. Caseiro Alves, Coimbra/PT

- **CE-US: selected cases of focal liver lesions**
  - T. Bartolotta, Palermo/IT

- **How MRI can help to characterise a lesion in the non-cirrhotic liver**
  - C.J. Zech, Basel/CH

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18TH LIVER IMAGING WORKSHOP
April 28 - 29, 2016, Edinburgh/UK

Programme - April 29, 2016

Diffuse diseases and HCC

08:30 Diagnosis and staging of hepatocellular carcinoma (HCC): current guidelines  C. Bartolozzi, Pisa/IT
08:55 Focal lesions in cirrhosis: not always HCC  J. Gordon-Smith, Edinburgh/UK
09:20 Diffuse liver diseases  C. Bartolozzi, Pisa/IT
09:45 Q&A

09:55 Coffee break

Interactive case discussions (3 x 40min)

10:15 How MRI can help to characterise a lesion in the cirrhotic liver  C. Bartolozzi, Pisa/IT
Differential diagnosis HCC - regenerative nodule  J. Gordon-Smith, Edinburgh/UK
Challenging biliary tumours  M.A. Bali, London/UK

12:30 Lunch
**Malignant liver diseases**

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<tr>
<th>Time</th>
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<th>Speaker</th>
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<tr>
<td>13:30</td>
<td>What does the hepatologist need to know from the radiologist?</td>
<td>A. Bathgate, Edinburgh/UK</td>
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<td>13:50</td>
<td>Liver metastases detection and staging: methods and problems</td>
<td>N. Masson, Edinburgh/UK</td>
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<td>14:10</td>
<td>Evaluation of tumour response after loco-regional treatment</td>
<td>H. Ireland, Edinburgh/UK</td>
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<td>14:30</td>
<td>Q&amp;A</td>
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<td>14:50</td>
<td>Coffee break</td>
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<tr>
<td>15:15</td>
<td>Interactive case discussions (3 x 40 min)</td>
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<td>Pitfalls in liver metastases detection</td>
<td>N. Masson, Edinburgh/UK</td>
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<td>Liver tumours: assessment of treatment response</td>
<td>H. Ireland, Edinburgh/UK</td>
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<td>Management of difficult cases: rescan, biopsy or ablate?</td>
<td>I. Zealley, Dundee/UK</td>
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<tr>
<td>17:30</td>
<td>Discussion of quiz cases</td>
<td>I. Zealley, Dundee/UK</td>
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<td>18:00</td>
<td>Closing remarks</td>
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www.esgar.org