Skills course
Practical pleural skills
6-8 July 2016
Bristol, United Kingdom

Wednesday, 6 July 2016

Session 1
08:15–09:00  Registration
09:00–09:10  Welcome and course introduction - N. Maskell
09:10–09:30  Chest X-ray and CT - A. Edey
09:30–10:00  Thoracic ultrasound – theory and knobology - M. Darby
10:00–10:30  Thoracic ultrasound – normal and basic abnormalities - R. Hallifax
10:30–10:45  Q&A session - N. Maskell
10:45–11:15  Break

Session 2
11:15–11:35  Thoracic ultrasound – advanced imaging and techniques - N. Rahman
11:35–11:55  Thoracic ultrasound in clinical practice - N. Maskell
11:55–12:10  The future of thoracic imaging – ultrasonography - J. Corcoran
12:10–12:25  The future of thoracic imaging – MRI/CT/PET - S. Tsim
12:25–12:30  Q&A session - A. Edey
12:30–13:15  Lunch

Practical workshops 1
6 groups of 4. Each group to spend 30 minutes at each station.
13:15–14:45  Group 1-3: Normal appearances / intercostals / sliding - J. Corcoran
13:15–14:45  Group 1-3: Pleural effusions – simple - S. Tsim
13:15–14:45  Group 1-3: Pleural effusions – complicated - N. Rahman
13:15–14:45  Group 4-6: Hands-on radiology cases - A. Edey
13:15–14:45  Group 4-6: Guided intervention – aspirations and chest drains - R. Bhatnagar
13:15–14:45  Group 4-6: Pneumothorax / hydropneumothorax / neck - M. Darby
14:45–15:15  CXR and CT-based case quiz - I. Psallidas
15:15–15:45  Break and free play

Please note that this is a provisional programme and may be subject to change
Practical workshops 2
15:45–17:15  Group 4-6: Normal appearances / intercostals / sliding - J. Corcoran
15:45–17:15  Group 4-6: Pleural effusions – simple - J. Annema
15:45–17:15  Group 4-6: Pleural effusions – complicated - N. Maskell
15:45–17:15  Group 1-3: Hands-on radiology cases - M. Darby
15:45–17:15  Group 1-3: Guided intervention – aspirations and chest drains - R. Halifax
15:45–17:15  Group 1-3: Pneumothorax / hydropneumothorax / neck - I. Psallidas

Interactive quiz
17:15–17:45  Ultrasound-based case quiz - J. Annema
17:45–18:00  Q+A and close - N. Maskell

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Thursday, 7 July 2016

Session 3
08:00–08:30  Registration
08:30–08:50  Pleural skills – the nurse perspective - A. Morley
08:50–09:10  The argument for image guidance - N. Rahman
09:10–09:30  Pleural manometry - F. Maldonado
09:30–09:50  The best way to pleurodesis - J. Janssen
09:50–10:10  Talc versus IPCs - J. Annema
10:10–10:30  Q+A session - N. Rahman
10:30–11:00  Break

Session 4
11:00–11:20  Indwelling pleural catheters - F. Maldonado
11:20–11:40  IPCs in non-malignant disease - O. Bintcliffe
11:40–12:00  Combined techniques for pleural disease - R. Bhatnagar
12:00–12:15  Q+A session - F. Maldonado
12:15–13:00  Lunch

Practical workshops 3
13:00–14:30  Group 1-3: IPC insertion - N. Ali
13:00–14:30  Group 1-3: IPC removal - J. Janssen
13:00–14:30  Group 1-3: IPC drainage, dressing and access - A. Morley
13:00–14:30  Group 4-6: Thoracic suction devices, manometry and intrapleural drugs - R. Hallifax
13:00–14:30  Group 4-6: Checking for pleurodesis with ultrasound - N. Rahman
13:00–14:30  Group 4-6: Heimlich valves - O. Bintcliffe
14:30–15:00  Break

Practical workshops 4
15:00–16:30  Group 4-6: IPC insertion - F. Maldonado
15:00–16:30  Group 4-6: IPC removal - N. Ali
15:00–16:30  Group 4-6: IPC drainage, dressing and access - A. Morley
15:00–16:30  Group 1-3: Thoracic suction devices, manometry and intrapleural drugs - O. Bintcliffe
15:00–16:30  Group 1-3: Checking for pleurodesis with ultrasound - I. Psallidas
15:00–16:30  Group 1-3: Heimlich valves - R. Hallifax

Interactive session
16:30–17:30  Interactive case-based discussions / ask the expert - N. Maskell
17:30–17:45  Q+A and close

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**Friday, 8 July 2016**

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<thead>
<tr>
<th>Time</th>
<th>Session 5</th>
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<tbody>
<tr>
<td>08:00–08:30</td>
<td>Registration</td>
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<tr>
<td>08:30–09:20</td>
<td>What do thoracic surgeons do? - T. Batchelor</td>
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<td>09:20–09:40</td>
<td>Medical thoracoscopy – training and audit - R. Bhatnagar</td>
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<td>09:40–10:00</td>
<td>Medical thoracoscopy – step by step - N. Ali</td>
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<td>10:00–10:20</td>
<td>Flexible versus rigid thoracoscopy - M. Munavvar</td>
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<td>10:20–10:30</td>
<td>Q+A session - N. Maskell</td>
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<td>10:30–11:00</td>
<td>Break</td>
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**Session 6**

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<th>Time</th>
<th>Practical workshops 5</th>
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<tr>
<td>11:00–11:20</td>
<td>Medical thoracoscopy in real life – images/videos - N. Maskell</td>
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<td>11:20–11:40</td>
<td>Safety and complications - N. Rahman</td>
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<td>11:40–12:00</td>
<td>Advanced and future medical thoracoscopy - J. Janssen</td>
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<td>12:00–12:15</td>
<td>Q+A session - N. Rahman</td>
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<td>12:15–13:15</td>
<td>Lunch</td>
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<tr>
<td>13:15–14:45</td>
<td>Group 1-3: Medical thoracoscopy - kit, set up and induced pneumothorax - F. Maldonado</td>
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<td>13:15–14:45</td>
<td>Group 1-3: Rigid thoracoscopy - single port - N. Ali</td>
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<td>13:15–14:45</td>
<td>Group 1-3: Talc poudrage - J. Janssen</td>
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<td>13:15–14:45</td>
<td>Group 4-6: Ultrasound guided pleural biopsy - A. Edey</td>
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<td>13:15–14:45</td>
<td>Group 4-6: Flexible thoracoscopy - M. Munavvar</td>
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<tr>
<td>13:15–14:45</td>
<td>Group 4-6: Rigid thoracoscopy – dual port - N. Rahman</td>
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<td>14:45–15:15</td>
<td>Break</td>
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<th>Time</th>
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<td>16:45–17:05</td>
<td>Setting up a pleural service - N. Maskell</td>
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<td>17:05–17:15</td>
<td>Q+A, course feedback and close - N. Maskell</td>
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