Prerequisite Course Material List
Students are advised to review the prerequisite course material on ESTRO Moodle before the course. The prerequisite material and virtual lesson create a complete subject unit.

<table>
<thead>
<tr>
<th>Prerequisite Lectures</th>
<th>Speaker</th>
</tr>
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<tbody>
<tr>
<td>Prostate anatomy and imaging for brachytherapy</td>
<td>S Machtens</td>
</tr>
<tr>
<td>QA for brachytherapy</td>
<td>F-A Siebert</td>
</tr>
<tr>
<td>Radiation protection and incidents</td>
<td>Peter Bownes</td>
</tr>
</tbody>
</table>

Day 1 - 13 October

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Lecturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:10</td>
<td>Welcome and introduction</td>
<td>P Hoskin</td>
</tr>
<tr>
<td>09:10 - 09:45</td>
<td>Patient Selection for LDR seed brachytherapy</td>
<td>C Salembier</td>
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<tr>
<td>09:45 - 10:30</td>
<td>Patient Selection for HDR brachytherapy</td>
<td>P Hoskin</td>
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<tr>
<td>10:30 - 11:00</td>
<td>Coffee break</td>
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<tr>
<td>11:00 - 12:00</td>
<td>LDR seed techniques and video demonstrations</td>
<td>P Bownes, S Machtens, C Salembier</td>
</tr>
<tr>
<td>12:00 - 13:00</td>
<td>HDR techniques and video demonstrations</td>
<td>P Hoskin, FA Siebert</td>
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<tr>
<td>13:00 - 14:00</td>
<td>Lunch</td>
<td></td>
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<tr>
<td>14:00 - 14:30</td>
<td>CTV definition and Falcon exercise review</td>
<td>C Salembier</td>
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<tr>
<td>14:30 - 15:30</td>
<td>Planning principles and solution HDR &amp; LDR</td>
<td>P Bownes, FA Siebert</td>
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<tr>
<td>15:30 - 16:00</td>
<td>Coffee break</td>
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<tr>
<td>16:00 - 16:30</td>
<td>Post-treatment evaluation</td>
<td>C Salembier, FA Siebert</td>
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<tr>
<td>16:30 - 17:00</td>
<td>Image registration and uncertainties in prostate brachytherapy</td>
<td>P Bownes</td>
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<tr>
<td>17:00 - 17:30</td>
<td>Review and interactive session</td>
<td>All</td>
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</tbody>
</table>
### Day 2 - 14 October

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Lecturer</th>
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</thead>
<tbody>
<tr>
<td>09:00 - 10:00</td>
<td>Clinical results of LDR</td>
<td>C Salembier</td>
</tr>
<tr>
<td>10:00 - 10:45</td>
<td>Clinical results of HDR</td>
<td>P Hoskin</td>
</tr>
<tr>
<td>10:45 - 11:00</td>
<td>Adjuvant treatment and prostate brachytherapy</td>
<td>C Salembier</td>
</tr>
<tr>
<td>11:00 - 11:30</td>
<td>Coffee break</td>
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<tr>
<td>11:30 - 12:15</td>
<td>Complications of prostate brachytherapy</td>
<td>S Machtens</td>
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<tr>
<td>12:15 - 13:00</td>
<td>Management of toxicity and complications</td>
<td>S Machtens</td>
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<td>All</td>
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<tr>
<td>13:00 - 14:00</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>14:00 - 14:30</td>
<td>Focal therapy: treatment planning and results: LDR and HDR</td>
<td>P Bownes</td>
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<td></td>
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<td>P Hoskin</td>
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<tr>
<td></td>
<td></td>
<td>S Machtens</td>
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<tr>
<td>14:30 - 15:30</td>
<td>Brachytherapy for salvage</td>
<td>C Salembier</td>
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<tr>
<td>15:30 - 16:00</td>
<td>Coffee break</td>
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<tr>
<td>16:00 - 16:30</td>
<td>Prostate therapy: LDR, HDR, surgery, IMRT, SBRT</td>
<td>P Hoskin</td>
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<tr>
<td>16:30 - 17:00</td>
<td>Final Review and interactive session</td>
<td>All</td>
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