Sentimag® – Magseed®

Magnetic lesion localisation for breast cancer – clinical results from 2000+ seed placements

Since the Sentimag®–Magseed® system was launched at the end of 2016, it has been used to safely and effectively localise benign and cancerous lesions as well as lymph nodes in over 40,000 cancer patients. Magseed® can now be implanted into any soft tissue with no restriction on implantation time. Clinical studies involving over 2,000 patients globally have demonstrated that Magseed® can be accurately placed, successfully removed and stays securely in place without any migration. It promotes seamless operating room scheduling, accurate localisation at low positive margin rates and high patient comfort.

Clinical study results – selection

<table>
<thead>
<tr>
<th>First author</th>
<th>Patients</th>
<th>Seeds placed</th>
<th>Placement success</th>
<th>Retrieval rate</th>
<th>Migration rate</th>
<th>Positive margin rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dehaene¹</td>
<td>100</td>
<td>103</td>
<td>ND</td>
<td>100%</td>
<td>ND</td>
<td>5%</td>
</tr>
<tr>
<td>Malherbe²</td>
<td>16</td>
<td>17</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Thekkinkattil³</td>
<td>137</td>
<td>139</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
<td>15%</td>
</tr>
<tr>
<td>Singh⁴</td>
<td>107</td>
<td>124</td>
<td>99%</td>
<td>100%</td>
<td>ND</td>
<td>7%</td>
</tr>
<tr>
<td>Price⁹</td>
<td>64</td>
<td>73</td>
<td>100%</td>
<td>100%</td>
<td>ND</td>
<td>15%</td>
</tr>
</tbody>
</table>

www.sysmex-europe.com/magseed
Magnetic lesion localisation for breast cancer – clinical results

Publications


Last update December 2019