Cost of Illness and Drivers of Cost in Atrial Fibrillation in Sweden and Germany

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Supplemental Digital Content

This Supplemental Digital Content contains the information referred to in the full version of this article, which can be found at http://adisonline.com/healtheconomics

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### Table A1. Unit costs

<table>
<thead>
<tr>
<th>Inpatient care and procedures</th>
<th>Sweden (SEK)</th>
<th>Sweden (€)</th>
<th>Germany (€)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost per day</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cardiology</td>
<td>4,464</td>
<td>429</td>
<td>189</td>
</tr>
<tr>
<td>Surgery</td>
<td>4,943</td>
<td>475</td>
<td>193</td>
</tr>
<tr>
<td>Internal medicine</td>
<td>3,366</td>
<td>324</td>
<td>157</td>
</tr>
<tr>
<td>Geriatrics</td>
<td>3,053</td>
<td>294</td>
<td>149</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Coronary care unit</td>
<td>11,200</td>
<td>1077</td>
<td>n.a.</td>
</tr>
<tr>
<td>Intensive care unit</td>
<td>22,070</td>
<td>2123</td>
<td>785</td>
</tr>
<tr>
<td><strong>Cost per procedure</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DC cardioversion</td>
<td>7,530</td>
<td>724</td>
<td>Included⁴</td>
</tr>
<tr>
<td>Catheter ablation</td>
<td>69,028</td>
<td>6639</td>
<td>6,771</td>
</tr>
<tr>
<td>Surgical therapy for atrial fibrillation</td>
<td>180,682</td>
<td>17377</td>
<td>Included***</td>
</tr>
<tr>
<td>Pacemaker or defibrillator implantation</td>
<td>52,384</td>
<td>5038</td>
<td>Defibrillator: 20,425 Pacemaker: 5,623</td>
</tr>
<tr>
<td><strong>Outpatient care</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General practitioner (primary care)</td>
<td>767</td>
<td>74</td>
<td>9,69</td>
</tr>
<tr>
<td>Cardiologist</td>
<td>1286</td>
<td>124</td>
<td>11,37</td>
</tr>
<tr>
<td>Surgeon</td>
<td>7491</td>
<td>720</td>
<td>17,08</td>
</tr>
<tr>
<td>Physical therapist</td>
<td>288</td>
<td>28</td>
<td>17,08</td>
</tr>
<tr>
<td>Occupational therapist (ergonomist)</td>
<td>866</td>
<td>83</td>
<td>17,08</td>
</tr>
<tr>
<td>Counselor or psychologist</td>
<td>1224</td>
<td>118</td>
<td>21,42</td>
</tr>
<tr>
<td><strong>Medication</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>sotalol</td>
<td>617</td>
<td>59</td>
<td>97</td>
</tr>
<tr>
<td>disopyramide</td>
<td>5992</td>
<td>576</td>
<td>21</td>
</tr>
<tr>
<td>diltiazem</td>
<td>1949</td>
<td>187</td>
<td>90</td>
</tr>
<tr>
<td>amiodarone</td>
<td>1387</td>
<td>133</td>
<td>366</td>
</tr>
<tr>
<td>digoxine</td>
<td>245</td>
<td>24</td>
<td>57</td>
</tr>
<tr>
<td>bisoprolol</td>
<td>734</td>
<td>71</td>
<td>33</td>
</tr>
<tr>
<td>flecainide</td>
<td>3190</td>
<td>307</td>
<td>302</td>
</tr>
<tr>
<td>verapamil</td>
<td>1245</td>
<td>120</td>
<td>64</td>
</tr>
<tr>
<td>other beta blocker</td>
<td>1259</td>
<td>121</td>
<td>33</td>
</tr>
<tr>
<td><strong>Assisted living (cost per day)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service apartment</td>
<td>573</td>
<td>55</td>
<td>7.33</td>
</tr>
<tr>
<td>Home for the elderly</td>
<td>709</td>
<td>68</td>
<td>6.16</td>
</tr>
<tr>
<td>Respite care home</td>
<td></td>
<td>0</td>
<td>5.00</td>
</tr>
<tr>
<td>Group living</td>
<td>1076</td>
<td>103</td>
<td>5.00</td>
</tr>
<tr>
<td>Nursing home</td>
<td>1473</td>
<td>142</td>
<td>5.00</td>
</tr>
<tr>
<td><strong>Community care</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Home help</td>
<td>227/visit¹²</td>
<td>22</td>
<td>5.25/hour</td>
</tr>
<tr>
<td>Nurse home visit</td>
<td>948</td>
<td>91</td>
<td>102</td>
</tr>
<tr>
<td>Home delivered meals</td>
<td>84</td>
<td>8</td>
<td>2.00</td>
</tr>
<tr>
<td>Transportation</td>
<td>171/k⁰¹³</td>
<td>16</td>
<td>0.22/km</td>
</tr>
</tbody>
</table>

Notes:

1. Source: Regional price lists (Uppsala, Skåne) and Landstingsförbundet
2. Converted from SEK using the exchange rate of 10.398 SEK/€
4. included in standard day cost per bed-day
5. Source: Regional price lists (Uppsala, Skåne, Linköping) and Landstingsförbundet
7. FASS
8. German official drug prices
<table>
<thead>
<tr>
<th>Type of Atrial Fibrillation</th>
<th>Sweden</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Paroxysmal</td>
<td>Persistent</td>
</tr>
<tr>
<td>Number of patients</td>
<td>128</td>
<td>77</td>
</tr>
</tbody>
</table>

### Pharmacological agents

<table>
<thead>
<tr>
<th>Pharmacological agents</th>
<th>Sweden</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beta blocker (except sotalol and bisoprolol)</td>
<td>41</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>34</td>
<td>36</td>
</tr>
<tr>
<td>Digoxin</td>
<td>4</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>17</td>
</tr>
<tr>
<td>Amiodarone</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Bisoprolol</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Sotalol</td>
<td>13</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>Verapamil</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>10</td>
</tr>
<tr>
<td>Diltiazem</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Flecaainide</td>
<td>1</td>
<td>0</td>
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<tr>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Propafenone</td>
<td>9</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>5</td>
</tr>
</tbody>
</table>

| Warfarin                               | 61     | 73      |
|                                        | 77     | 77      | 71 | 33 | 66 | 75 | 56 |
| ASA                                     | 28     | 22      |
|                                        | 17     | 17      | 22 | 17 | 10 | 5  | 11 |
| Clopidogrel                             | 2      | 3       |
|                                        | 1      | 2       | 4  | 2  | 2  | 2  |
| Dipyridamole                            | 1      | 1       |
|                                        | 0      | 1       | 0  | 0  | 1  | 0  |
| Ximelagatran                            | 1      | 0       |
|                                        | 0      | 0       | 1  | 1  | 0  | 1  |

**Low molecular weight**

| Heparin                                 | 0      | 0       |
|                                        | 0      | 0       | 0  | 0  | 0  | 0  |
### Table A3. Healthcare visits

<table>
<thead>
<tr>
<th>Type of AF</th>
<th>Sweden</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Paroxysmal</td>
<td>Persistent</td>
</tr>
<tr>
<td>Number of patients</td>
<td>128</td>
<td>77</td>
</tr>
<tr>
<td>Mean number of outpatient visits during the previous 3 months (range)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AF related</td>
<td>1.50</td>
<td>1.45</td>
</tr>
<tr>
<td>Other</td>
<td>0.58</td>
<td>0.54</td>
</tr>
<tr>
<td>Mean number of emergency room visits during the previous 3 months (range)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AF related</td>
<td>0.20</td>
<td>0.12</td>
</tr>
<tr>
<td>Other</td>
<td>0.09</td>
<td>0.18</td>
</tr>
<tr>
<td>Mean number of hospitalizations during the previous 12 months (range)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AF related</td>
<td>0.60</td>
<td>0.37</td>
</tr>
<tr>
<td>Other</td>
<td>0.14</td>
<td>0.18</td>
</tr>
</tbody>
</table>

AF: Atrial Fibrillation

* One patient with three home aid visits per day.