Additional file 3. Percentage of time spent on tasks pre- and post-electronic prescribing and medication administration (ePA).

<table>
<thead>
<tr>
<th>Task (in descending order of estimated time pre-ePA)</th>
<th>Pre-ePA</th>
<th>Post-ePA</th>
<th>p-value*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Activity samples</td>
<td>Percentage of total time</td>
<td>Estimated time overall (h:min)</td>
</tr>
<tr>
<td>Professional communication (not medication)</td>
<td>205</td>
<td>15.9</td>
<td>6:56</td>
</tr>
<tr>
<td>Screening inpatient medication</td>
<td>149</td>
<td>11.6</td>
<td>5:02</td>
</tr>
<tr>
<td>Screening discharge medication</td>
<td>142</td>
<td>11.0</td>
<td>4:48</td>
</tr>
<tr>
<td>Medication discussion (clinical)</td>
<td>110</td>
<td>8.6</td>
<td>3:43</td>
</tr>
<tr>
<td>Reviewing patient records</td>
<td>107</td>
<td>8.3</td>
<td>3:37</td>
</tr>
<tr>
<td>Drug history</td>
<td>83</td>
<td>6.5</td>
<td>2:48</td>
</tr>
<tr>
<td>Travelling</td>
<td>77</td>
<td>6.0</td>
<td>2:36</td>
</tr>
<tr>
<td>Handover</td>
<td>69</td>
<td>5.4</td>
<td>2:20</td>
</tr>
<tr>
<td>Ordering medication</td>
<td>55</td>
<td>4.3</td>
<td>1:52</td>
</tr>
<tr>
<td>Supervising a pre-registration pharmacist</td>
<td>51</td>
<td>4.0</td>
<td>1:43</td>
</tr>
<tr>
<td>Dispensing medication</td>
<td>40</td>
<td>3.1</td>
<td>1:21</td>
</tr>
<tr>
<td>Medication discussion (technical)</td>
<td>35</td>
<td>2.7</td>
<td>1:11</td>
</tr>
<tr>
<td>Searching for information</td>
<td>18</td>
<td>1.4</td>
<td>0:37</td>
</tr>
<tr>
<td>Waiting for paper drug chart/access to medication order</td>
<td>18</td>
<td>1.4</td>
<td>0:37</td>
</tr>
<tr>
<td>Helping patient/carer (non-medication related)</td>
<td>18</td>
<td>1.4</td>
<td>0:37</td>
</tr>
<tr>
<td>Transcribing medication orders</td>
<td>16</td>
<td>1.2</td>
<td>0:32</td>
</tr>
<tr>
<td>Searching for paper drug charts or computer</td>
<td>15</td>
<td>1.2</td>
<td>0:30</td>
</tr>
<tr>
<td>Prescribing medication (inpatient)</td>
<td>0</td>
<td>0.0</td>
<td>0:00</td>
</tr>
<tr>
<td>Prescribing medication (discharge)</td>
<td>0</td>
<td>0.0</td>
<td>0:00</td>
</tr>
<tr>
<td>Other</td>
<td>79</td>
<td>6.1</td>
<td>2:40</td>
</tr>
<tr>
<td>Total</td>
<td>1287</td>
<td>100</td>
<td>43:49**</td>
</tr>
</tbody>
</table>

*statistical significance based on Bonferroni p-value <0.0028
**Total estimated time does not match total observed times of 43 hours 30 mins pre-ePA and 73 hours 33 mins post-ePA due to rounding of numbers.