Additional file 1. Screenshot dashboard (translated from Dutch).

Dashboard actionable indicators

<table>
<thead>
<tr>
<th>Quality indicator</th>
<th>Own ICU</th>
<th>Median</th>
<th>Top 10%</th>
<th>Target</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performing pain measurements each shift</td>
<td>89.0%</td>
<td>67.0%</td>
<td>90.1%</td>
<td>100.0%</td>
<td>0</td>
</tr>
<tr>
<td>Acceptable pain scores</td>
<td>78.2%</td>
<td>85.0%</td>
<td>90.9%</td>
<td>80.0%</td>
<td>0</td>
</tr>
<tr>
<td>Repeating pain measurements with unacceptable score within 1 hour</td>
<td>44.9%</td>
<td>13.0%</td>
<td>55.2%</td>
<td>100.0%</td>
<td>2</td>
</tr>
<tr>
<td>Unacceptable pain scores normalised within 1 hour</td>
<td>36.6%</td>
<td>9.2%</td>
<td>29.0%</td>
<td>60.0%</td>
<td>0</td>
</tr>
</tbody>
</table>

Average performance in most recent 3 months:

- **Own ICU**: 89.0% (good performance)
- **Median**: 67.0%
- **Top 10%**: 90.1%
- **Previous period**: -0.1%

Performance over time:

- **Operationalisation**: Patient shifts during which pain was measured at least once.
- **Period**: 1 December 2016 to 28 February 2017
- **Population in this period**: Own ICU: 180 admissions, All ICUs: 3840 admissions in 12 ICUs
- **Colour thresholds based on all ICUs**:
  - **81.1% - 100.0%**: Good performance
  - **60.3% - 81.1%**: Room for improvement
  - **0.0% - 60.3%**: Improvement recommended

**Actions**:
- 0 actions in progress
- 0 actions implemented