Preliminary Result of Pilot Study on Automated Sphygmomanometers Accuracy
Subject Expert for Medical Measurements

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Accuracy test in FGI Project Pilot Study

Table. The 6 real human blood pressure waveforms

<table>
<thead>
<tr>
<th>Simulator</th>
<th>Waveform Number</th>
<th>Systolic pressure (mmHg)</th>
<th>Diastolic pressure (mmHg)</th>
<th>Pulse rate (beats per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMS/ITRI</td>
<td>1</td>
<td>100</td>
<td>65</td>
<td>77</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>120</td>
<td>80</td>
<td>68</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>150</td>
<td>100</td>
<td>78</td>
</tr>
<tr>
<td>KRISS*</td>
<td>4</td>
<td>97</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>116</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>158</td>
<td>104</td>
<td></td>
</tr>
</tbody>
</table>

*There is no testing data from ITRI at the moment because we have to confirm the KRISS BP waveforms compatibility with the ITRI BPSS.
• Accuracy test of No.1 commercial NIBP device between two institutes

Accuracy test in FGI Project Pilot Study

![Systolic Pressure Comparison](image1)

![Diastolic Pressure Comparison](image2)

Error bars are two standard deviation from the 10 determinations.
Accuracy test in FGI Project Pilot Study

- Accuracy test of No.2 commercial NIBP device between two institutes
The end

Thanks for your attention!