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<th>Speed</th>
<th>System Speed</th>
<th>Time To Fill Distention Balloon</th>
<th>Ability to Respond to Pressure Reading</th>
<th>Safety Fault Maximum Pressure</th>
<th>Microcontroller Ability to Multitask</th>
<th>Test Menu Robustness</th>
<th>Responsive Time of User Interface</th>
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**Direction of Improvement**

- Motor Response Time
- Time To Fill Distention Balloon
- Ability to Respond to Pressure Reading
- Safety Fault Maximum Pressure
- Microcontroller Ability to Multitask
- Test Menu Robustness
- Responsive Time of User Interface

**Relationship Matrix**

- Strong
- Moderate
- Weak

**Weight**

- 9
- 3
- 1

**Primary**

**Secondary**

- System Speed
- Sensor Input Speed
- Sensor Resolution
- Motor Precision
- User Display
- User Input Method

**Importance**

- 84
- 45
- 63
- 72
- 32
- 15
- 2