Small Animal Dual Pressure Monitoring

**PhysioTel™ HD**

**PhysioTel™ HD** Dual Pressure Implants

- Detect Subtle Pressure Changes in Small Animals
  - Left ventricular pressure + blood pressure (BP)
  - Pulmonary artery pressure + BP
  - Right ventricular pressure + BP
  - Pleural pressure + BP
  - Bladder pressure

Scientists seeking greater parameter accuracy (e.g. dP/dt) will find these implants to be ideal for high-fidelity applications.

- **Get a More Complete Physiologic Assessment from a Single Animal**
  - Reduced inter-animal variability
  - Reduced cost (labor, compound, housing)
  - Early risk assessment
  - Integrate with additional parameters (metabolic, renal)

- **Other Important Benefits**
  - Excellent pressure channel stability
  - Also collect temperature and activity data

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<table>
<thead>
<tr>
<th>Endpoints</th>
<th>HD-S21: Two Pressures, Biopotential, Temperature, Activity</th>
<th>HD-S20 <strong>NEW!</strong> Two Pressures, Temperature, Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warranted Battery Life</td>
<td>2 months</td>
<td>2 months</td>
</tr>
<tr>
<td>Volume</td>
<td>5.9 cc</td>
<td>5.9 cc</td>
</tr>
<tr>
<td>Weight</td>
<td>8 g</td>
<td>8 g</td>
</tr>
<tr>
<td>Minimum Animal Weight</td>
<td>175 g</td>
<td>175 g</td>
</tr>
</tbody>
</table>

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**Endpoints Two Pressures, Biopotential, Temperature, Activity**

**Two Pressures, Temperature, Activity**

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