ICON®
ELECTRICAL CARDIOMETRY™

NONINVASIVE HEMODYNAMIC MONITORING
The ICON Noninvasive Hemodynamic Monitor employs the patented Electrical Cardiometry™ technology, the only FDA cleared technique capable of providing accurate, continuous assessment of preload, contractility, afterload, and thoracic fluid content in adults, pediatrics, and neonates.

**ICON™ Clinical Applications**
- Fluid status/guiding fluid optimization
- Differential diagnosis of shock and dyspnea
- Achieving targeted blood pressure for hypertension patients
- Guiding goal-directed therapy
- Conducting a hemodynamic assessment to better manage, adjust doses, and reduce complications of heart failure patients
- CRT optimization

**ICON™ Features**
- Continuous monitoring in three easy steps:
  1. Place four Cardiotronic Sensors on patient
  2. Input patient data
  3. Press MEASURE button
- HemoVIEW™ screen simultaneously displays six parameters with their normal values, allowing for quick diagnosis and spot checks
- Two hours of battery life and compact size ideal for transport

**Cardiotronic Sensors Placement**
- Small children and neonates
- Adults and large children

**Parameters**

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Cardiac Output (CO/Cl)</th>
<th>Volume of blood pumped per minute</th>
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</thead>
<tbody>
<tr>
<td><strong>Flow</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stroke Volume (SV/Sl)</td>
<td></td>
<td>Volume of blood pumped per heart beat</td>
</tr>
<tr>
<td>Thoracic Fluid Content (TFC)</td>
<td></td>
<td>Total fluid volume in the thorax</td>
</tr>
<tr>
<td>Stroke Volume Variation (SVV)</td>
<td></td>
<td>Indicator of preload and fluid responsiveness</td>
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<tr>
<td>Corrected Flow Time (FTC)</td>
<td></td>
<td>Indicator of preload and intravascular fluid volume</td>
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<tr>
<td><strong>Contractility</strong></td>
<td>Index of Contractility (ICON)</td>
<td>Indicator of left ventricular contractility</td>
</tr>
<tr>
<td>Systolic Time Ratio (STR)</td>
<td></td>
<td>Ejection fraction indicator</td>
</tr>
<tr>
<td><strong>Resistance</strong></td>
<td>Systemic Vascular Resistance (SVR/SVRI)</td>
<td>Afterload indicator</td>
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</tbody>
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