World’s unique telemetric ICP-measurement

Transdermal telemetry system readP for parenchymal ICP measurement

**Clinical advantages:**

- Wireless communication with the completely implanted telemetric catheter
- Data acquisition using RAUMED Home ICP or MPR 1 DATALOGGER
- Continuous intracranial pressure measurement (ICP) over the entire application period
- USB data transfer to PC / laptop possible
- Use of the telemetric catheter for up to 3 months

Minimal infection risk due to completely implanted ICP catheter NEUROVENT-P-tel.
NEUROVENT-P-tel
Parenchymal telemetry catheter

- 5F catheter tube
- Overall length of the implant: 30 mm
- Ceramic housing
- MR conditional at 1,5 T and 3,0 T¹

¹Indicated within non-clinical laboratory tests

Reader TDT1 readP
RFID reader for communication with the telemetry catheters

- Telemetric capture of pressure measurement values
- Connection to the RAUMEDIC MPR 1 DATALOGGER

MPR 1 DATALOGGER
Data recording and storage of pressure measurements for the inpatient sector

- Simple and safe operating interface
- Display of curve and trend graphs
- Analog output and USB interface
- Mains / battery operation

RAUMED Home ICP
Data recording and storage of pressure measurements for the outpatient sector

- Mobile acquisition and continuous recording of ICP values
- Storage of the data over the application period
- Identification of the individual activities
- Easy handling
- USB interface
- Battery operation

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Article number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEUROVENT-P-tel</td>
<td>Parenchymal telemetric catheter</td>
<td>096 504-001</td>
</tr>
<tr>
<td>Reader TDT1 readP</td>
<td>RFID reader for communication with the telemetric catheters</td>
<td>096 524-001</td>
</tr>
<tr>
<td>MPR 1 DATALOGGER</td>
<td>Data recording and storage (inpatient sector)</td>
<td>094 474-002</td>
</tr>
<tr>
<td>DRILL KIT CH5</td>
<td>Drill bit for NEUROVENT-P-tel</td>
<td>091 878-002</td>
</tr>
<tr>
<td>RAUMED Home ICP</td>
<td>Data recording and storage (outpatient sector)</td>
<td>096 804-001</td>
</tr>
</tbody>
</table>