INTRODUCING AN ACTIVE FLUID EXCHANGE SYSTEM

Automated Irrigation

Controlled Drainage

Continuous ICP Monitoring
IRRAflow’s innovative technology allows the user to customize patient treatment with a therapeutic approach to treating intracranial bleeding by combining needed drainage, continuous ICP monitoring and automated, controlled irrigation, all in one system.

1. Intelligent Digital Cassette enables communication between control unit and catheter to provide automated irrigation, fluid drainage, and ICP monitoring
2. Intuitive touchscreen with customizable safety features provides control when managing ICP and CSF drainage
3. Step-by-step tutorials for easy setup and treatment workflow
4. Easy-to-use Drainage Collection System provides a simple solution for fluid management

IRRAflow is the FIRST and ONLY system that offers automated irrigation, controlled drainage, and ICP monitoring, all in one system.
Market-leading EVDs become blocked up to 47% of the time\(^1\), which can cause an increased risk of infection, and prolonging the length of stay in the ICU.

IRRAflow was designed to reduce the length of treatment time and cost per procedure.

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<table>
<thead>
<tr>
<th>Days in Hospital(^3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRRAflow</td>
</tr>
<tr>
<td>US National Average</td>
</tr>
<tr>
<td>2.67 days</td>
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<tr>
<td>6 days</td>
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</tbody>
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Cost, increased length of stay after infection ($84,773 for 10 days)\(^1\)

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**PUBLISHED LITERATURE HIGHLIGHTING CLINICAL ADVANTAGES OF IRRAflow VERSUS TRADITIONAL DRAINAGE**

"Our case demonstrates clear radiographic and clinical superiority of the IRRAflow system compared to standard EVD." \(^2\)

The **IRRAsflow** system has been used to treat a variety of pathologies; acute and chronic SDH, IVH, IPH with Ventricular involvement, SAH, Ventriculitis, and Cerebral Abscesses.

### IRRAsflow CAN TREAT MULTIPLE DISEASE STATES

<table>
<thead>
<tr>
<th>Product #</th>
<th>Product Name</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICGS 020</td>
<td><strong>IRRAsflow 2.0 Catheter</strong></td>
<td>Dual-lumen catheter combines active irrigation with CSF drainage, which enhances fluid removal.</td>
</tr>
<tr>
<td>ICDS 020</td>
<td><strong>IRRAsflow Tube Set</strong></td>
<td>Intelligent digital pump enables communication between control unit and catheter to provide automated irrigation, fluid drainage, and ICP monitoring.</td>
</tr>
<tr>
<td>ICCU 020</td>
<td><strong>IRRAsflow Control Unit</strong></td>
<td>Active fluid exchange via an intuitive touchscreen with personalized alarm settings that provide control when managing ICP and CSF.</td>
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</tbody>
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**CUSTOMER SERVICE**

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