INTRODUCING AN
ACTIVE FLUID
EXCHANGE
CATHETER

Automated Irrigation
Controlled Drainage
Continuous ICP Monitoring
A FUNDAMENTAL SOLUTION FOR INTRACEREBRAL FLUID MANAGEMENT.

The IRRAflow dual-lumen catheter is a dynamic product for advanced fluid management in the intracerebral space. 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.

IRRAflow's dual-lumen catheter was designed to help prevent catheter occlusions by utilizing an active fluid exchange approach.

IRRAflow's Active Fluid Exchange has the following benefits:

- Potential reduction of catheter occlusion due to automated cleansing of the catheter tip.
- A combination of automated irrigation and controlled drainage enhances the ability to remove collected blood.
- Removal of blood and proteins that can start an inflammatory cascade and secondary hemorrhagic events.

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.

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The IRRAflow system can be used to effectively treat a variety of pathologies, offering unique ways to treat acute or chronic SDH, IVH, IPH with Ventricular involvement, SAH, Ventriculitis and Cerebral Abscesses.

1. Subdural Hematoma
2. Intracerebral Hematoma
3. Subarachnoid Hemorrhage
4. Intraventricular Hemorrhage
5. Epidural Hematoma
1. Pinch Clamp
2. Drainage Port
3. Stop Cock
4. Irrigation Port
5. Graduations every centimeter up to 15 cm
6. 9F, 38cm Dual-lumen Catheter

<table>
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<tr>
<th>Product #</th>
<th>Product Name</th>
<th>Product Description</th>
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<tr>
<td>ICGS 020</td>
<td>IRRAflow 2.0 Catheter, 9F, 38cm</td>
<td>Dual-lumen catheter that combines active irrigation with CSF drainage, with a slightly larger inner diameter which enhances fluid removal.</td>
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<tr>
<td>ICDS 020</td>
<td>IRRAflow Tube Set</td>
<td>Intelligent digital pump enables communication between control unit and catheter to provide automated irrigation, fluid drainage, and ICP monitoring.</td>
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<td>ICCU 020</td>
<td>IRRAflow Control Unit</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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