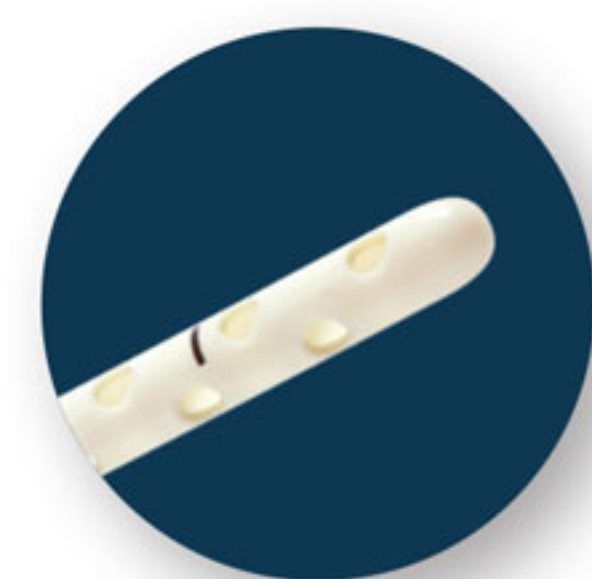




ICCU 020

Control Unit

Active fluid exchange via an intuitive touchscreen with personalized alarm settings that provide control when managing ICP and CSF.



ICGS 020

9F, 38cm Dual Lumen Design

Combines active irrigation with CSF drainage. Slightly larger inner diameter enhances fluid removal.



ICGS 010

9F, 40cm Dual Lumen Design

Combines active irrigation with CSF drainage.

ICDS 020

Tube Set

Intelligent cassette enables interaction between control unit and probe to provide continuous irrigation, fluid drainage, and ICP monitoring.

Customer Service

+31733035509

US.customerservice@irras.com

OUS.customerservice@irras.com

IRRAS

11975 El Camino Real, Suite 304

San Diego, CA 92130 US

Tel: (800) 213-4604

IRRAS

IRRigation. ASpiration. Transformation.

www.irras.com



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2. Lele AV, et al. Perioperative Management of Adult Patients With External Ventricular and Lumbar Drains: Guidelines From the Society for Neuroscience in Anesthesiology and Critical Care. *J Neurosurg Anesthesiol*. 2017 Jul;29(3):191-210. doi: 10.1097/ANA.0000000000000040.

IRRASflow®

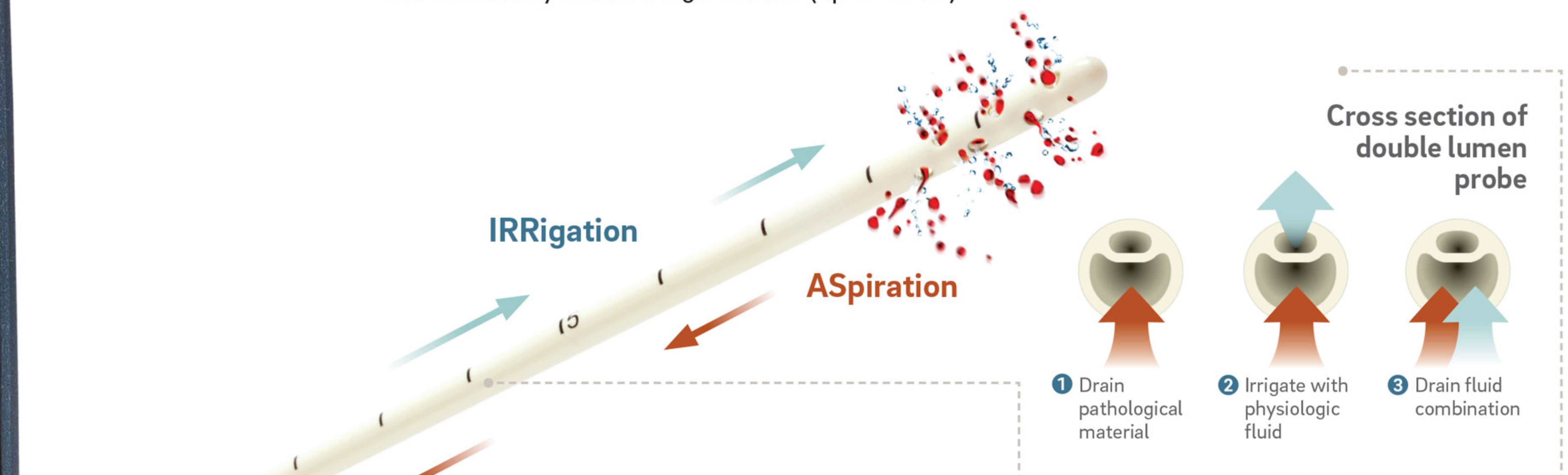
Ease the Pressure, Regain Control



IRRAflow addresses the shortcomings of legacy CSF management and transforms how you control intracranial bleeding, elevated ICP, and the secondary inflammatory response.

Driven by IRRAflow's proprietary software and dual lumen probe, active fluid exchange provides:

- CSF management to ease effects of primary hemorrhagic event
- Removal of collected blood and proteins that start inflammatory cascade
- Potential reduction from published rates for EVD occlusion (19-47%¹), infections (0-22%²), and secondary hemorrhagic events (up to 66%¹)



Integrated, Continuous ICP Monitoring

- Provides continuous pressure measurement without interrupting drainage
- Combines irrigation, drainage, and ICP measurement into one easy to use system

