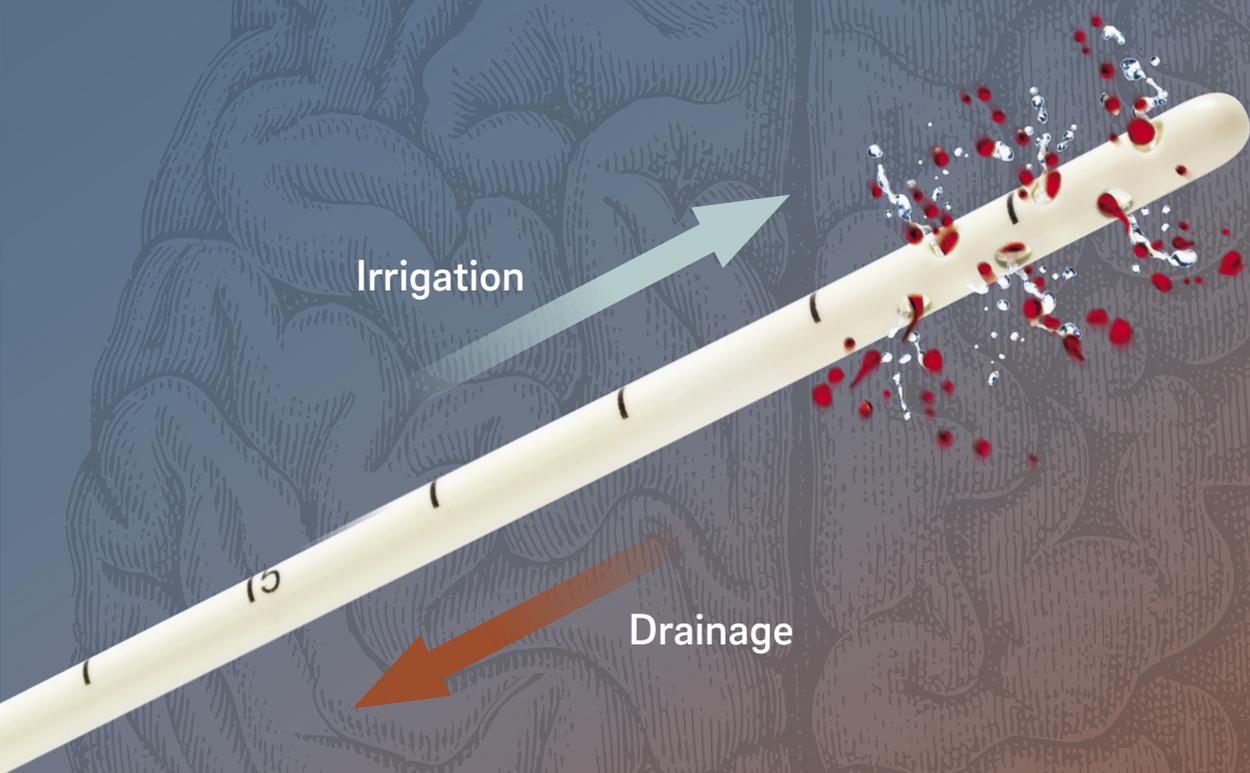


# IRRAflow<sup>®</sup>



Irrigation

Drainage

*The World's First Irrigating  
Intracranial Drainage System*

# The World's First Irrigating Intracranial Drainage System!

## Chronic Subdural Hematoma

Case Review by Dr. Sumeet Vadera from UC Irvine Health

### PATHOLOGY TREATED

- 82-year-old male presented with confusion, right sided weakness and neglect, and expressive aphasia.
- Computed tomography demonstrated a 2.5 cm left convexity mixed density extra-axial hematoma, causing a 9 mm rightward midline shift and subfalcine herniation.

### TREATMENT DESCRIPTION

- Mini craniotomy for evacuation of the subdural hematoma.
- Intraoperatively, there was minimal brain re-expansion.
- Active Fluid Exchange was performed with the IRRAflow system, with an irrigation rate of 40 ml/hour.

### TREATMENT RESULTS

- No catheter occlusion due to IRRAflow's automated irrigation.
- No drainage-related infection.
- Active irrigation and associated drainage assisted in providing controlled re-expansion of brain tissue back into the subdural space.
- Head CT done prior to discharge showed continued improvement in subdural fluid collection and complete resolution of the midline shift.
- The patient was seen on postoperative day 14 with complete resolution of symptoms.



**Pre-IRRAflow Treatment**



**Post-IRRAflow Treatment**

# IRRAFLOW



Product #

Product Name

Product Description

## IRRAFLOW DUAL-LUMEN CATHETER

ICGS 020

**IRRAflow 2.0 Catheter, 9F, 38cm**

Dual-lumen catheter that combines active irrigation with CSF drainage, which enhances fluid removal.



## IRRAFLOW TUBE SET

ICDS 020

**IRRAflow Tube Set**

Intelligent digital pump enables communication between control unit and catheter to provide automated irrigation, fluid drainage, and ICP monitoring.



## IRRAFLOW CONTROL UNIT

ICCU 020

**IRRAflow Control Unit**

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

### Customer Service

US 1-800-946-0458

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### IRRAS

11975 El Camino Real, Suite 304

San Diego, CA 92130 US

Tel: (800) 213-4604

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Product image not to scale.

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