



IRRAS Receives FDA Clearance for IRRAS[®]flow in the US

IRRAS[®]flow is a transformative medical device that combines controlled irrigation with ongoing fluid drainage for the treatment of patients with intracranial bleeding

Plans to launch IRRAS[®]flow in the US underway

Stockholm, Sweden, July 16, 2018 – IRRAS AB (NASDAQ Stockholm: IRRAS), a commercial-stage medical technology company focused on developing and commercializing transformative treatments to manage intracranial fluids, announced that it has received 510(k) clearance from the U.S. Food and Drug Administration (FDA) for IRRAS[®]flow, its integrated, closed medical device system that enables controlled cerebrospinal fluid (CSF) management as well as accurate, continuous monitoring of intracranial pressure (ICP). IRRAS expects to launch IRRAS[®]flow in the U.S. later this year.

When the brain is injured or becomes infected, the normal flow of fluids within the brain can be disrupted, leading to fluid build-up and swelling. This excess fluid must be drained, or pressure can rise to life-threatening levels. This rise in ICP and complications from attempted treatment result in high rates of disability and death. IRRAS[®]flow is designed to provide patients with a safer, more effective treatment than traditional drainage devices by integrating aspiration, fluid irrigation, and ICP monitoring in a single system that is automated by a proprietary software that tailors treatment to each patient's changing condition.



"The United States is the world's largest market for intracranial procedures and the FDA clearance of IRRAS[®]flow is a significant milestone for IRRAS," said Kleanthis G. Xanthopoulos, Ph.D., President and CEO of IRRAS. "We are committed to advancing new and transformative treatments for neurosurgical patients that result in fewer complications, disabilities, and deaths."

"We are thrilled to introduce IRRAS[®]flow to neurosurgeons in the United States. Following successful case outcomes and significant customer interest in Europe across a variety of neurosurgeries, we are confident that IRRAS[®]flow will significantly improve the outcomes of US patients with its unique mechanism of action," said Will Martin, IRRAS' Chief Commercial Officer.

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About IRRAS

IRRAS AB (NASDAQ Stockholm: IRRAS) is a publicly-traded, commercial-stage medical technology company focused on developing and commercializing innovative solutions for brain surgery. The Company's initial product, *IRRAflow*[®], addresses the complications associated with the current methods of managing intracranial fluid by using a dual lumen catheter that combines active irrigation with ongoing fluid drainage. Regularly during treatment, the catheter is automatically flushed to prevent common catheter occlusions from forming. Because *IRRAflow* is a completely closed system, it is designed to reduce the documented infection risk of these procedures. Additionally, *IRRAflow* incorporates ICP monitoring into this catheter and uses a proprietary software to regulate treatment based on desired pressure levels.

With its unique product portfolio, protected by property patents and patent applications, IRRAS is well-positioned to establish a leadership position in the medical device market. IRRAS maintains its headquarters in Stockholm, Sweden, with corporate offices in Munich, Germany, and San Diego, California, USA. For more information, please visit www.iras.com.

This document is considered information that IRRAS is obliged to disclose pursuant to the EU Market Abuse Regulation. The information was released for public disclosure, through the agency of the contact person above, on , 2018 at 8.00 a.m. (CET).