

## NIHON KOHDEN ENHANCES NEUROLOGICAL TREATMENT THROUGH THE ACQUISITION OF AD-TECH MEDICAL INSTRUMENT CORPORATION

*Strategic Move Strengthens Comprehensive Epilepsy Diagnostics and Care*

**Irvine, California – November 12, 2024** – [Nihon Kohden](#), a global leader in medical device innovation for high-precision patient monitoring and diagnostics, today announced the acquisition of a 71.4% stake in NeuroAdvanced Corp., the parent company of [Ad-Tech Medical Instrument Corporation](#) (Ad-Tech), a trusted provider of specialized electrodes for epilepsy treatment and neurodiagnostic procedures. The move further solidifies Nihon Kohden's position as an industry leader by combining its established expertise in EEG systems with Ad-Tech's specialized intracranial electrodes—strengthening the company's ability to address complex neurological conditions, including drug-resistant epilepsy.

By combining its six decades of deep-rooted expertise in neurology diagnostics with Ad-Tech's best-in-class consumables, Nihon Kohden is primed to deliver even more impactful and integrated care. With both companies already present in a majority of the top 50 U.S. hospitals, the acquisition creates added synergy and ease of adoption for clinicians and hospital systems nationwide.

“This acquisition represents a pivotal step in advancing critical solutions for epilepsy care,” said Roy Sakai, President of Nihon Kohden America. “By uniting our strengths, we’re enhancing our ability to provide end-to-end support for epilepsy—from accurate diagnosis to advanced interventions.”

Ad-Tech's electrode devices—used in long-term EEG monitoring, brain mapping, SEEG and brain stimulation—are instrumental in treating patients with intractable epilepsy and other neurological disorders. Since its founding in 1983, Ad-Tech has built a worldwide presence, with products approved in over 60 countries, including key markets in the U.S., Europe and Japan.

This strategic acquisition combines Nihon Kohden's established expertise in EEG systems with Ad-Tech's specialized electrodes, strengthening the company's ability to support comprehensive epilepsy care. To realize Nihon Kohden's Long-term Vision, BEACON 2030, the company aims to provide optimal care across more of the patient and care giver's journey. This collaboration helps support these solutions for patients in acute neurocritical care situations, preserving function and enabling precision with intraoperative neuromonitoring (IONM) and enhancing usefulness of patient data using its analytics and digital health solutions (DHS).

ARCHIMED, the previous owner of Ad-Tech, will remain as a minority JV partner with Nihon Kohden. Since acquiring Ad-Tech in 2020, ARCHIMED has contributed to strengthening Ad-Tech's business foundation and sustainable growth by deep involvement in their management, including the appointment of Brian Smith as CEO. Nihon Kohden and ARCHIMED will work together to drive Ad-Tech's future global growth.

To learn more about Nihon Kohden's innovative solutions and collaborative research dedicated to advancing epilepsy treatment, visit [nihonkohden.com](http://nihonkohden.com).

### **About Nihon Kohden**

Founded in Japan in 1951, Nihon Kohden is a leading manufacturer, developer and distributor of medical electronic equipment, with subsidiaries in the U.S., Europe, Asia and Latin America. The company's products are now used in more than 120 countries, and it is the largest supplier of electroencephalography products worldwide. A pioneer in transformational healthcare technology, Nihon Kohden has envisioned, designed and produced revolutionary devices, such as pulse oximeters, arrhythmia analysis, low-invasive blood volume monitoring and wireless patient monitoring. To learn more, visit [nihonkohden.com](http://nihonkohden.com) or [us.nihonkohden.com](http://us.nihonkohden.com), and follow Nihon Kohden on [Facebook](#) and [LinkedIn](#).

### **About Ad-Tech**

Ad-Tech Medical is dedicated to helping surgeons, technicians and other caregivers deliver optimal outcomes for their patients. Physicians count on Ad-Tech's state-of-the-art electrodes for excellent design and engineering, world-class support and groundbreaking innovation. Ad-Tech devices are manufactured in the U.S. and used by healthcare providers worldwide to record, monitor and stimulate subsurface levels of the brain. To learn more, visit [adtechmedical.com](http://adtechmedical.com).

### **About ARCHIMED**

With offices in Europe, North America and Asia, ARCHIMED is a leading investment firm focused exclusively on healthcare industries. Its mix of operational, medical, scientific and financial expertise allows ARCHIMED to serve as both a strategic and financial partner to healthcare businesses. Prioritized areas of focus include MedTech,

Biopharma Products, Consumer Health, Healthcare IT, In Vitro Diagnostics, Life Science Tools & Biologic Services, and Pharma Services. ARCHIMED helps partners internationalize, acquire, innovate and expand their products and services. ARCHIMED manages €8 billion across its various funds. Since inception, ARCHIMED has been a committed Impact investor, both directly and through its EURÊKA Foundation.

**Editor's note:**

Discover how Nihon Kohden and Ad-Tech are revolutionizing neurological care by visiting booths #1939 and #1919 at the [American Epilepsy Society \(AES\) Annual Meeting](#), from December 6-10, 2024, at the Los Angeles Convention Center.

**Media Contacts**

**Nihon Kohden America**

Leslie Licano

[Nihonkohden@beyondfifteen.com](mailto:Nihonkohden@beyondfifteen.com)

949.733.8679

**Ad-Tech Medical Instrument Corps**

Brian Smith, CEO

[bsmith@adtechmedical.com](mailto:bsmith@adtechmedical.com)