

YOUR CHALLENGES DRIVE OUR INNOVATION

Amplicoat®

ADVANCING MEDICAL DEVICES WITH INNOVATIVE TECHNOLOGIES

With a wide view of the medical device industry across multiple markets, Heraeus Medevio is uniquely positioned to identify, assess, and invest in solutions for common challenges.

As a trusted contract design and manufacturing partner, Heraeus Medevio proactively researches and develops technologies and processes to help bring better devices to market.

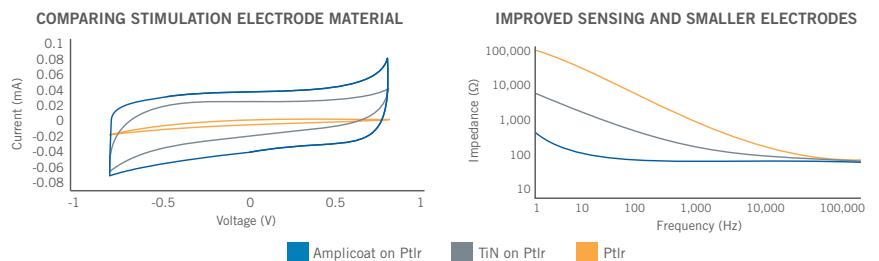
With a long history of developing and manufacturing electrodes and precious metal components, and over 170 years of expertise, we offer a wide array of coatings and the expertise to advise on the best technology for your unique application.

IMPROVE PATIENT OUTCOMES AND SIGNAL FIDELITY WITH AMPLICOAT®

Amplicoat® is a conductive polymer coating technology developed by Heraeus Medevio to improve sensing and stimulation performance of electrodes used in electrophysiology, neuromodulation, and recording applications.

Uncoated electrodes and those using other polymer coatings tend to be larger and produce noisy signals, creating challenges in treatment. Amplicoat® improves signal quality while enabling the miniaturization of devices, providing quality data and improving patient outcomes.

In the graphs below, you can see the improved stimulation and sensing performance of platinum electrodes coated with Amplicoat® over those coated with titanium nitrite and bare platinum electrodes.



BENEFITS OF LEVERAGING AMPLICOAT® INCLUDE:

- Supply chain simplification
- Quicker market entry
- Efficient long-term manufacturing

PARTNERING WITH HERAEUS MEDEVIO

Heraeus Medevio is a contract design, development, and manufacturing partner able to support your project from concept to long-term manufacturing and every step between. When you partner with Heraeus Medevio you can rest assured you will receive:



End-to-end support, tailored to your unique needs. With expertise in materials, development, pilot production, and high-volume manufacturing, we can expand your capacity, solve complex challenges, and identify innovative solutions, helping you bring successful products to market faster.



Operations and engineering excellence. With over one million products produced globally every day and the successful launch of thousands of products in diverse therapeutic markets, our team has superior engineering and manufacturing know-how to solve complex challenges and build efficiencies.



A high level of collaboration and strong quality culture. We work to exceed customer expectations through on-time delivery, strict compliance with regulatory standards, and the assurance of quality through rigorous ISO certifications.



Vertical integration of materials and processes. In addition to our internal expertise and technologies, we have access to the Heraeus portfolio of products, including precious metals, reducing supply chain complexity and timeline risk.

CONTACT US TODAY TO DISCUSS YOUR PROJECT REQUIREMENTS

