Website address:
https://www.gesundheitsindustrie-bw.de/en/article/press-release/hellstern-medicals-robotic-surgeon-assist-accepted-nato-diana-security-critical-key-technologies-strategic-funding-secured

Hellstern medical's Robotic Surgeon Assist Accepted into NATO DIANA for Security-Critical Key Technologies — Strategic Funding Secured

At a time of geopolitical tensions and growing supply shortages, surgical capability is becoming a critical factor for resilient health systems. Hellstern medical GmbH has been accepted into the NATO DIANA innovation program with its key technology, the Robotic Surgeon Assist noac — NATO's accelerator for defense and dual-use technologies.

Robotic assistance for surgical care under extreme conditions

With noac, the German-American deep-tech startup has developed the first Robotic Surgeon Assist that is already in routine clinical use. noac is sensor-controlled and operates directly on the surgeon's body and demonstrably improves precision and endurance. While conventional surgical robotics worldwide address only around 5% of surgical procedures, noac makes robot-assisted surgery accessible for up to 95% of all operations.

This opens a market potential of more than €70 billion — and provides the technological foundation for autonomous surgery.

Hellstern medical qualifies as a DIANA Innovator within NATO's innovation ecosystem for security-critical infrastructures

Within NATO DIANA, Hellstern medical is developing and evaluating its technology as a relevant dual-use solution to ensure surgical care in critical infrastructures — for civilian applications as well as mission-critical deployment scenarios.

Hellstern medical is part of NATO's DIANA innovation ecosystem and works regularly in strategy and test environments, including at the Boston site, to test and further develop this security-critical key technology.

Strategic funding from NATO DIANA, savings banks, and private investors

The strategic and security relevance of noac is reflected in the recently completed financing round: in addition to funding through the NATO DIANA innovation program, subsidiaries of Kreissparkasse Esslingen and Kreissparkasse Ulm (German savings banks), as well as private investors, are participating with a total seven-figure investment.
A strong signal of innovative strength, societal responsibility, and international competitiveness from Baden-Württemberg.

Entrepreneurial responsibility

"Technology carries responsibility. Our ambition is to secure surgical care globally and contribute to the stability of free societies," say entrepreneurs Sabrina Hellstern and Claudia Sodha.

About Hellstern medical

Hellstern medical is a German-American deep-tech company headquartered in Wannweil and New York.

With noac, the company has created a globally relevant, security-critical key technology for robot-assisted surgery — system-relevant for surgical care of civilian populations as well as for military use.

noac brings robotics directly to the surgeon and, for the first time, makes robot-assisted surgery available for 95% of all operations worldwide. The company is led by Sabrina Hellstern and Claudia Sodha and holds an international patent portfolio.

Press release

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Source: Hellstern medical GmbH

Further information

- Hellstern medical GmbH