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Self-Guided Robotic Intubation Device Prototype to Be Trialled

Graduates of the Hebrew University of Jerusalem's Biodesign programme revealed in August a prototype robotic intubation device. GuideIN Tube automatically identifies the lungs using an infrared source and navigates toward it. The device was successfully tested on cadavers at the Hadassah Medical Center, and clinical trials will begin as soon as next year. The device targets a \$3 billion market, which is expected to increase by 5 percent annually.

"I strongly believe that GuideIN Tube represents the future of intubation," said Dr. Elchanan Fried, director of the general intensive care unit in Hadassah Medical Center, and the group's clinical expert. "We really thought about the paramedic in the field", said Itai Hayut, the leading engineering student on the project. "We wanted something simple and compact that they could trust without fail. I think we hit it on all marks."

Biodesign is a multi-disciplinary, team-based approach to medical innovation, created by the Hebrew University of Jerusalem and Hadassah Medical Center in partnership with Stanford University.

Source: Hebrew University of Jerusalem via AlphaGalileo

Photo Credit: Hebrew University

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