

With AI platform, patients could chat with medical devices to improve health

A new platform could enable people to communicate with their medical devices through an app on their phones.

[Susan Svrluga](#) October 14, 2026 at 11:45 a.m.
EDTYesterday at 11:45 a.m. EDT

A new platform driven by artificial intelligence could enable patients to communicate with their medical devices in real time to improve their health, according to a [study](#) published Tuesday in the journal Nature Medicine.

Brian Litt, a professor of neurology, neurosurgery and bioengineering at the University of Pennsylvania, knew that neurological signals that can precede epileptic seizures could be detected by implanted devices — but not immediately communicated to the patient.

His team designed a system that incorporated the intuitive chat features of popular large language models, but within a secure, private and health-focused platform that allowed patients to receive personalized alerts and report symptoms

in real time through an app on their phone. Patient feedback would continuously help train the system.