

Who would have thought? : a microchip implant could deliver drugs within the body ... / Case Western Reserve University.

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Case Western Reserve University.

Publication/Creation

Cleveland, Ohio : Case Western Reserve University, 2012.

Persistent URL

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who would have **thought?**

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Case Western Reserve University Professor James Anderson was part of a multi-institutional team that completed the first-in-human trial of a wireless device that delivers drugs within the body.

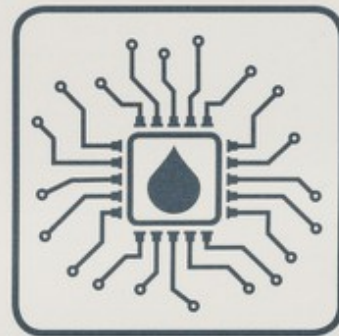
Just one-fiftieth of an inch thick, the revolutionary microchip is the result of years of collaboration among Anderson and scientists at the

Massachusetts Institute of Technology, Harvard University and the Waltham, Mass.-based company, MicroCHIPS Inc.

The group published the results of a trial involving an osteoporosis drug in the Feb. 16 issue of *Science Translational Medicine*. In the study, a computer program directed the microchip to distribute the medication according to the schedule a physician prescribed.

Researchers face several more years of clinical studies before the device is widely available, but the technology has potential to improve quality of life for patients suffering from such diseases as cancer and diabetes.

Learn more at case.edu/medbreakthroughs.



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