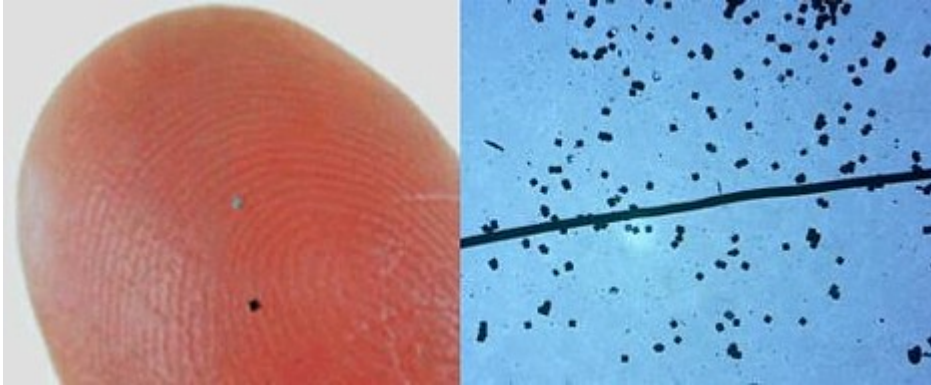


## Microchip Implants Ready To Be Used With Swine Flu Vaccines - The Chip Is Located In The Tip Of The Needle

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*Hitachi's new RFID chips (pictured on right, next to a human hair) are 64 times smaller than their mu-chips (left)*

By Martin Lauchenaue

RFID keeps getting smaller. On February 13, Hitachi unveiled a tiny, new “powder” type RFID chip measuring 0.05 x 0.05 mm — the smallest yet — which they aim to begin marketing in 2 to 3 years (Information from 2007!!!).

By relying on semiconductor miniaturization technology and using electron beams to write data on the chip substrates, Hitachi was able to create RFID chips 64 times smaller than their currently available 0.4 x 0.4 mm mu-chips. Like mu-chips, which have been used as an anti-counterfeit measure in admission tickets, the new chips have a 128-bit ROM for storing a unique 38-digit ID number.

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