

Key Features

Easy to use

- Battery-powered HeadsUp! Mote which the patient wears using a headband
- 1-button configuration
- Months of battery lifetime

Warning when wrong position

- Web interface (smart phone, tablet) for live position tracking
- Wrong position: application beeps, patient wakes up and repositions

Long-term remote monitoring

- Internet connected, position data securely stored in the cloud
- With patient consent, access by caregiver

Support multiple devices

- Low-power wireless mesh network
- Hundreds of devices in the same room, ready for hospital use

Reliable, secure, extensible

- State-of-the-art, proven network & back-end solution

Opportunities

We are looking to establish partnership with caregivers, startup companies and investors to take this idea to market.

In particular, we are looking for partnerships in the following topics.

Clinical trials

- *get FDA approval*
- *conduct clinical trials*

Medical professionals

- *feedback on usability of current solutions*
- *extending to other patient position monitoring needs (pressure sores, ...)*

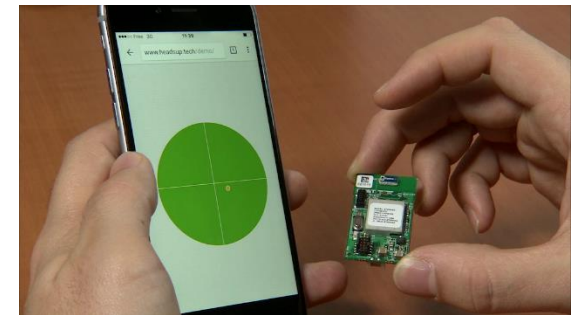
Product partnerships

- *develop and manufacture final product and casing*
- *associate to existing startup*

See contact information.



Long-Term Real-Time Patient Position Monitoring



Example applications

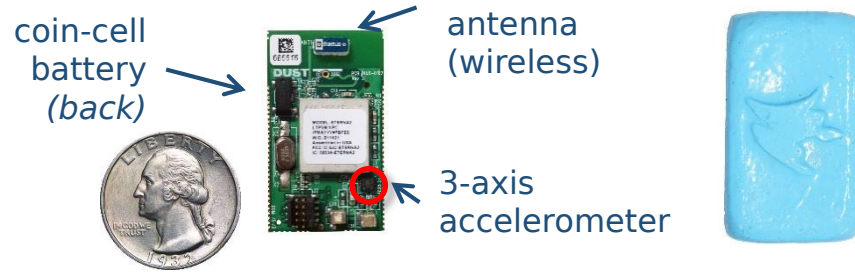
- Pneumatic Retinopexy & Macular hole post-surgery monitoring
- Pressure sores
- etc.



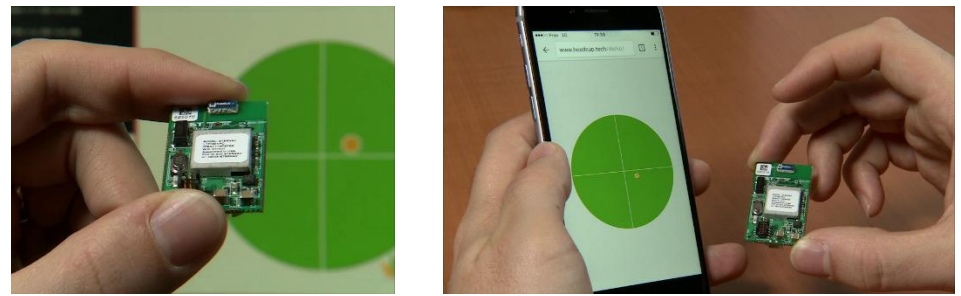
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CHALLENGE
semi-finalist

The HeadsUp! Solution

Step 1: A patient wears the HeadsUp! mote with a headband



Step 2: The HeadsUp! mote is connected to the Internet and reports the position of the head every second



Step 3: The patient and caregiver can track the heads position in real-time, get long-term statistics, and take corrective action.

Contact



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