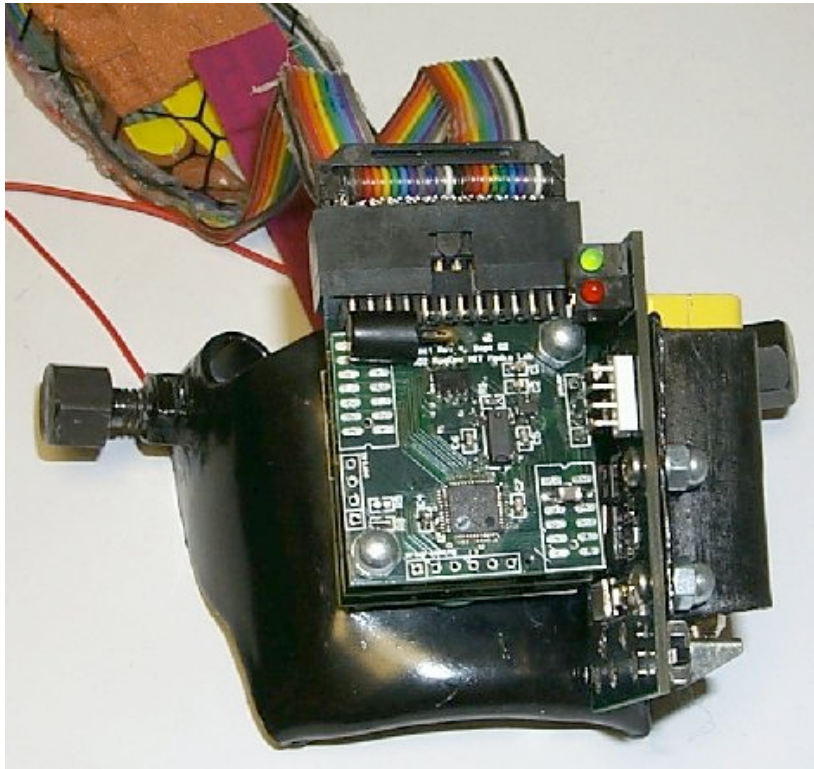


# Interactive Therapy with Instrumented Footwear



## Shoe attachment

3 stacked circuit boards,  
the power supply (a 9V battery),  
the antenna for wireless transmission.

Weight: approximately 300 g.

Each circuit board address specific needs:

- one contains the conditioning electronics for the insole sensors,
- the second has the microcontroller that collects data from the other boards together with the wireless transceiver,
- the third has a full set of three gyroscopes and three accelerometers to measure angular velocity and linear acceleration about three axes.