

BioFeedback Apparatus, Method and System

A. Goals:

Construct a biofeedback training device that is capable of diagnosing and treating the symptoms of fecal incontinence in a novel and effective manner.

B. Brief Description:

The biofeedback apparatus uses pressure, temperature and electromyography sensors to analyze the internal ano-rectal sphincter muscles for defects. It uses the sensor data to guide the patient through personalized training methods to treat any deficiencies.

C. Heights of Achievements this semester:

- Provisional Patent Filed
- Proof of Concept in working state
- Project is ready for the next stage of development

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Printed Prototype and circuit



Labeled Pictures from patent

