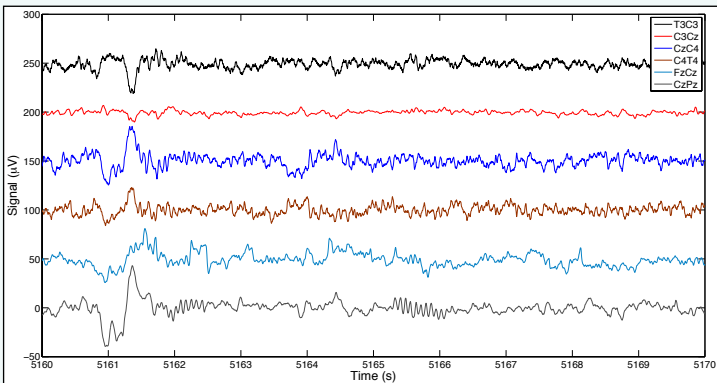


# COGNIONICS FLEXIBLE DRY EEG ELECTRODE

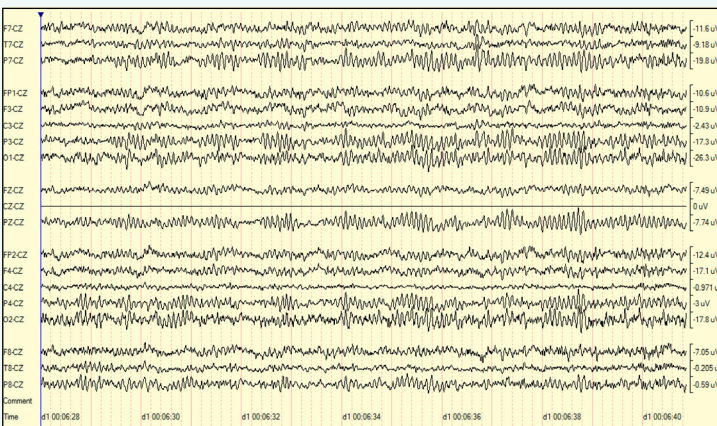


- Designed to work through hair with no gels, liquids or clean up
- Flexible legs slide under hair strands for scalp contact
- Flattens under hard pressure for maximum user comfort
- Optimized materials and coatings to ensure low-noise signals
- Designed for use with Cognionics mobile headsets, sensor amplifiers and wireless data acquisition systems
- Patent-pending technology

## Low Noise EEG Recordings

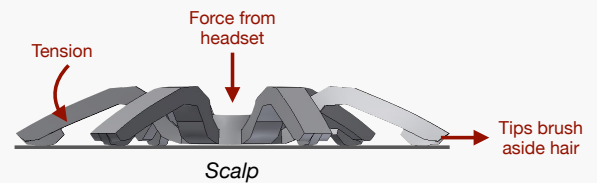


Sample EEGs from sleeping subject



Sample EEGs from a 10-20 array on an awake subject (eyes closed)

## Advanced Sensor Construction



- Cognionics has developed an innovative EEG sensor specifically designed to enable a practical dry EEG system:
  - ✓ Novel shape optimized for hair penetration and scalp contact
  - ✓ Special silver coating imparts optimal conductivity to the sensor's surface for the best possible signal transduction
  - ✓ Flexible material safely flattens under pressure - no hard metal pins
  - ✓ Fits with Cognionics EEG headsets for rapid setup and reliable, long-term recordings

Impedance	100 - 2000 K $\Omega$ on unprepared skin
Material	Conductive Elastomer
Contact	Ag/AgCl
Connector	Cognionics Mini-snap

## For Information, Help and Pricing:



[info@cognionics.com](mailto:info@cognionics.com)

[sales@brainvision.com](mailto:sales@brainvision.com)

Cognionics sensors are for research and evaluation only. Signals should not be used for medical diagnosis.