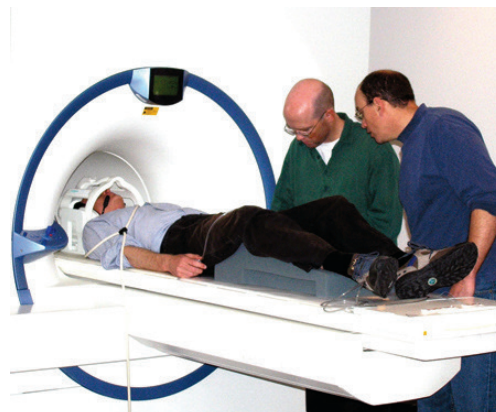


## High-Quality Data for Human and Animal MRI Studies

- **BIOPAC provides physiological data acquisition and analysis systems specifically for human and small animal MRI life science research applications.**
- BIOPAC offers data acquisition systems, MRI Smart Amplifiers, transducers, stimulus options, electrodes, and leads with advanced software tools for safe data collection, subject monitoring, and cleaner physiological signals in the MRI environment.



### Amplifier & Transducer Options:

- Biopotentials: ECG, EEG, EGG, EMG, EOG • Airflow & Gas Analysis • Blood Pressure—Human and Animal
- Differential Pressure • Electrodermal Activity (EDA) • Gating Units (digital trigger) • Force • Laser Doppler Flow
- Micro Pressure Measurement • Pulse • Respiration • Stimulation • Subject Feedback • Temperature • SpO2

### SMART AMPLIFIER 100D SERIES

**Biopotential Smart Amplifiers:** ECG100D, EEG100D, EGG100D, EMG100D, fEMG100D (facial EMG), EOG100D, ERS100D

**Transducer Smart Amplifiers:** EDA100D, NICO100D, PPG100D, RSP100D, SKT100D



### FEATURES:

- High quality, low noise signals equivalent to or exceeding data quality of 100C-Series amplifiers
- Small, light form factor, comfortable for the subject
- Connect directly to the AMI100D interface
- Co-exist with other connected C-Series modules
- Quick, automated setup in AcqKnowledge software
- AcqKnowledge provides signal type information for connected Smart Amps and software options for signal-appropriate derived signals (e.g. heart rate)
- AcqKnowledge software detects when amplifiers are not connected properly
- Use BN-Series electrode leads and transducers
- Compatible with AcqKnowledge software version 5.0.4 or higher