

EGG Electrogastrogram



Application Description

Measure the time-varying gastrointestinal electrical activity of human and animal subjects, using invasive or noninvasive techniques. *AcqKnowledge*® includes all the necessary tools for accurate Electrogastrogram recording and analysis. For additional flexibility, record data wirelessly with the BioNomadix® BN-EGG module, or the Mobita 32-channel system. Analyze data using the EGG presets and examine the gastric wave classifications in detail. using the automated Gastric Wave Analysis tools.

Advanced Features

- Seizure Detection
- Automated EEG Analysis
- Wireless EEG and Cognitive State Analysis
- EEG Remove EOG Noise
- Stimulus Presentation Event
- And [More](#)

Watch [Automated Analysis Video Tutorials](#) at the [BIOPAC Website](#)!

Selected Research Citations Below

[Search online](#) for more than 820 BIOPAC citations for EGG: *Electrogastrogram*

Endoplasmic reticulum stress and unfolded protein response in diaphragm muscle dysfunction of patients with stable chronic obstructive pulmonary disease

Esther Barreiro, et al (2019). Journal of Applied Physiology, Vol 126, No 6

Spontaneous nasalization: An articulatory investigation of glottal consonants in Thai

Sarah Ellen Johnson (2019). IDEALS (Illinois Digital Environment for Access to Learning and Scholarship)

Slowed gastric emptying and improved oral glucose tolerance produced by a nanomolar-potency inhibitor of calcium-activated chloride channel TMEM16A

Onur Cil, et al (2019). FASEB Journal, Vol 33, No 10

Long-Chain Fatty Acid Receptors Mediate Relaxation of the Porcine Lower Esophageal Sphincter

Ching Chung Tsai, et al (2019). Frontiers in Physiology (May 31)

Impact of Sleep Deprivation on Respiratory Motor Output and Endurance: A Physiological Study

Christophe Rault, et al (2019). American Journal of Respiratory and Critical Care Medicine

Oral ingestion of a novel oxygenating compound, Ox66™, is non-toxic and has the potential to increase oxygenation

Fan Zhang, et al (2019). Food and Chemical Toxicology Journal, Vol 125

Quantifying Diaphragm Effort using Diaphragm Electromyography

L.C.M. Van de Werff (2019). University of Twente, Technical Medicine Programme

Performance Evaluation of Fixed Sample Entropy in Myographic Signals for Inspiratory Muscle Activity Estimation

Manuel Lozano-Garcia, et al (2019). Entropy Journal, Vol 21, Issue 2

The effect of apelin-13 on gastric ischemia/reperfusion injury: The roles of sensory nerves and nervus vagus

Ilknur Birsen, et al (2019). Canadian Journal of Physiology and Pharmacology

Enteric apelin enhances the stress-induced stimulation of Colonic motor functions

Mehmet Bülbül, et al (2019). The International Journal on the Biology of Stress

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