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.

Selected Research Citations Below

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Effect of Different Types of Foods on Gastric Myoelectrical Activity during Simulated Microgravity

Effect of Psychological Stress on Gastric Motility Assessed by Electrical Bio-Impedance

Prolonged SDA and reduced digestive efficiency under elevated CO2 may explain reduced growth in Atlantic cod (Gadus morhua)

Serjania Erecta Radlk. Improves Endothelial Function in Isolated Aortic Rings

Increase in the Extracellular Glutamate Level during Seizures and Electrical Stimulation Determined Using a High Temporal Resolution Technique

Does the Gastroprotective Action of a Medicinal Plant Ensure Healing Effects? An Integrative Study of the Biological Effects of Serjania marginata Casar. (Sapindaceae) in Rats