



A young female presented with features of Gastric Outlet Obstruction

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Abstract:

Acoustocerebrography (ACG): It is a unique, non-invasive transcranial measurement utilizing ultrasound spectroscopy, based on molecular acoustic research. The ACG technology is founded on the measurement of various parameters calculated by analyzing the ultrasound pulses transmitted through the human skull. There are different parameters which are relevant to detect changes within the brain tissue: - Absorption coefficient - Frequency dependent attenuation - Speed of sound - Tissue elasticity. The purpose of the UltraEasy device is to identify potential pathological changes in the brain and is suitable for adult patients age of 18 and older in medical and clinical settings. As a non-invasive and fast (5min) procedure it is gentle for the patient and repeatable as required. To monitor the efficiency of lyse drugs used with stroke patients or to see possible bleedings after an operation, for an example. Nowadays research is focussed on collecting data of regular probands to compare the outcome with assured pathological cases to involve the KI in the device constantly. ACG is going to be an efficient, easy-to-use, cost reducing addition for the medical device industry.



Biography:

Ms. Szalkiewicz holds a degree in nursing (RN) from Medizinische Fachschule "Dr. Georg Benjamin" in Berlin, Germany, and studied Health Sciences and Management at the California College of Health Sciences in San Diego, USA. She also completed further education as a Clinical Research Associate and is a certified trainer. She is currently working as Sr. Clinical Support Specialist at SONOVUM GmbH Leipzig, Germany.

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