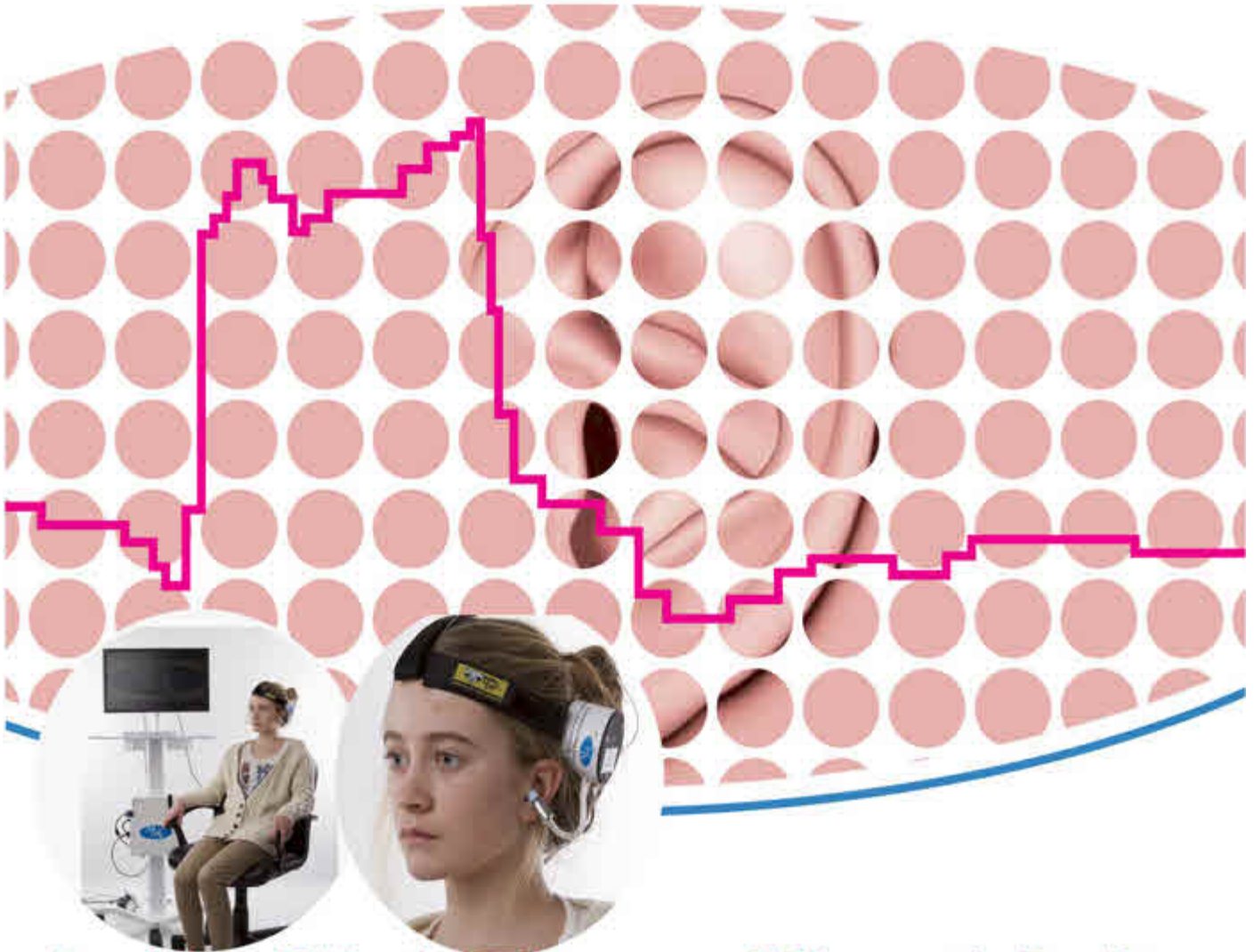




In USA, Research Use Only
Awaiting FDA Registration

Non-Invasive testing for:

- Cerebral & Cochlear Fluid Pressure
- Tympanic Membrane Displacement



Providing Objectivity in cases of Diagnostic Doubt

- Tinnitus, Low Frequency, Pulsatile
- Imbalance, Vertigo
- Malaise or "Brain Fog"
- Headaches - Dull, Throbbing or Severe, Pressure Sensations
- Unconfirmed Meniere's Disease
- Myoclonus, Eustachian Tube Dysfunction

As recommended by UK
Department of Health in cases
of neurological 'diagnostic doubt'

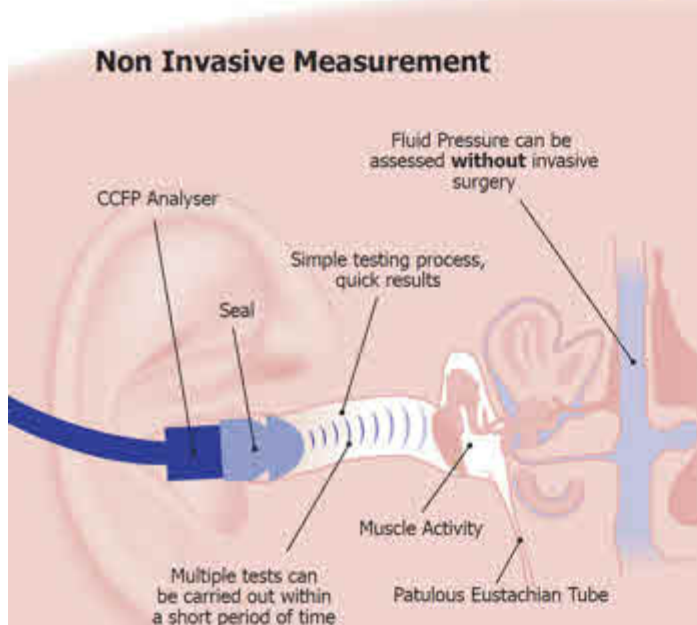
Marchbanks Measurement Systems is the first and only company to develop revolutionary non surgical equipment to measure both cerebral and cochlear fluid pressures (CCFP).

The CCFP Analyser measures minute tympanic membrane displacements (TMD) and is capable of detecting 'evoked' and 'spontaneous' intra-aural pressure waves that reflect abnormalities of cerebral pressure as well as obscure inner and middle ear disorders.

The CCFP Analyser is challenging our understanding of medicine. For the first time, the CCFP allows the clinician to diagnose and treat raised cerebral pressure as the underlying cause of certain combinations of dizziness, tinnitus and hearing loss. Of equal importance is the ability to quantify abnormal TMD in terms of middle ear muscle myoclonus or dysfunction such as patulous (open) Eustachian tube.

It is reassuring for the clinician to have a quick and reliable method of examining ear physiology and the influence of cerebral pressure.

Non Invasive Measurement



- No Surgical Risk
- Screen for Neurological disorders
- Detects obscure middle ear disorders
- Reduced testing costs
- Provides compliance with the Department of Health, 18 week patient commissioning plans in cases of 'diagnostic doubt' (i.e. neurology and dizziness)
- Early diagnosis reduces anxiety for the patient and with the ease of testing this can greatly improve the patient's quality of life
- Allows longitudinal measurement over weeks or months allowing comparisons of different treatment strategies and symptom episodes
- Ease of use of software and equipment, reduces waiting times as a wide range of professionals can undertake measurements
- Alternative to lumbar puncture and an effective method for detecting dysfunction of cerebrospinal fluid shunts

A **quick** and **reliable** method of assessing cerebral pressure supports more timely and cost effective decision making by the clinician. This reduces the length or need for inpatient stays and provides significant cost savings.



For more information:
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In use on the
International
Space Station
Image: Nasa Picture Resources



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