

The eHIT^{USB} – Video Head Impulse Test was designed for the daily work in the set up practice and the clinical application. It impresses by its great circumference of functions with intuitive handling. With eHIT^{USB} a complete system is available for you to examine all the six semicircular canals. The test was first described in 1988 by Curthoys and Halmagyi.

As now been shown in many studies, the head impulse test should be a standard test in vestibular diagnosis. The system offers the functionality of a complete one-off solution to you.

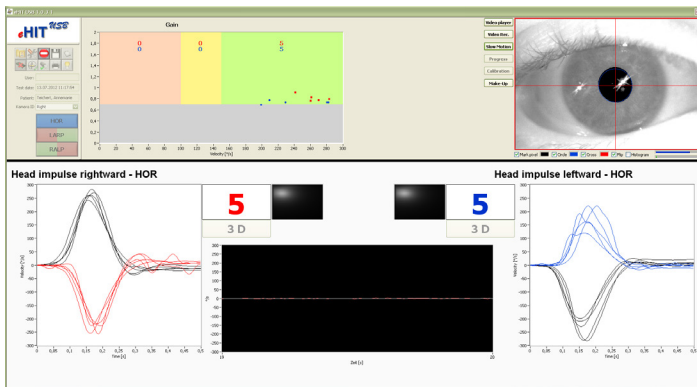
Further the stress for the patient is significantly reduced.



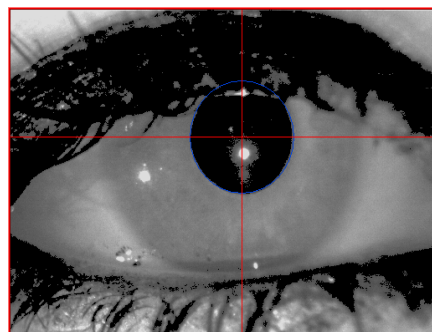
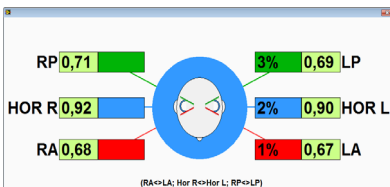
State of the art vestibular diagnostic - eHIT^{USB} Head Impulse Test



BioMed Jena GmbH
 Am Egelsee 1
 D-07743 Jena
 Germany
 Phone: +49-3641 - 35690 -0
 Fax: +49-3641 - 35690 -9
 email: info@biomed-jena.de
 Internet: www.biomed-jena.de



- » HOR, LARP, RALP
- » very compact design
- » combi mask with inertial motion sensor
- » USB 2.0
- » no additional hardware
- » light weight, non-slipping mask for save execution of the vHIT
- » Canalogram by Walther
- » by request eHIT and eVNG in one system



- » networking
- » easy to use
- » innovative result presentation
- » foot switch for freehand operation
- » spatial resolution <math>< 0,2^\circ</math>, 520 x 360 Image Area
- » fast image sensor with 1280 x 1024
- » Sample rate: binocularly 100 Hz (200 Hz monocularly)
- » 800 Hz IM sensor (9-axis)
- » Software: Windows 10 with intel Core i5 Full HD recommended
- » Dimensions: 100x240x100mm
- » Weight: 350g
- » Power consumption: max. 5W
- » Environmental: 10..40°C, <math>< 80\%</math>humidity
- » Standards: EWG 93/42 EEC



eHIT^{USB}

video
 Head
 Impulse
 Test