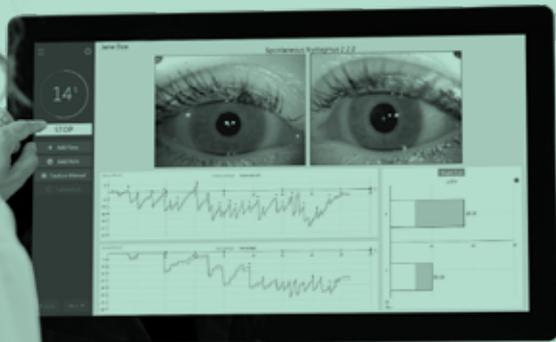


Science made smarter

# The path from assessment to rehabilitation

A product for every step in your process of identifying, assessing and rehabilitating patients with balance disorders



**Balance Quest**  
by Interacoustics

**Micromedical**  
by Interacoustics

  
**Interacoustics**

Audiometry

Tympanometry

ABR

OAE

Hearing Aid Fitting

Balance



# Identification assessment rehabilitation

No matter  
your setup,  
we can  
accommodate  
your needs

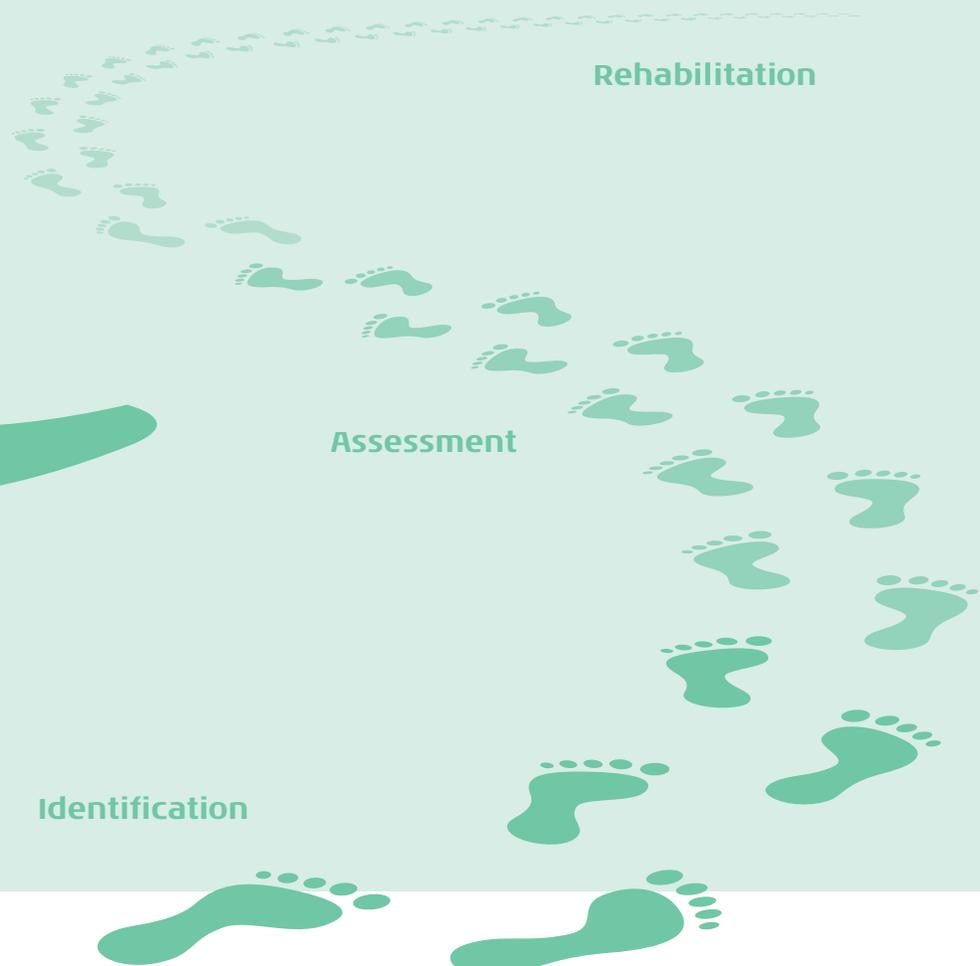
Vertigo and dizziness are common and are linked to balance disorders which have a number of causes. Dizziness becomes more common in adults as they age, particularly after the age of 40.

Prepare your balance clinic to excel at all steps of the path from identification

of balance disorders to a complete and accurate assessment. Then deliver the full rehabilitation potential to your patients!

Good Balance is not dependent on a single input but is a combination of interactions and signals flowing effectively from our eyes, head and

body to our brains which then integrate those inputs and allow us to move freely and safely through our days. If one or more of those inputs is not performing well it will affect our overall balance.



Identification

Assessment

Rehabilitation

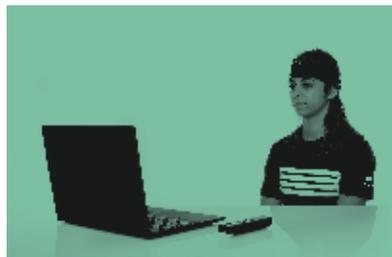
# Stay on the path of trusted balance solutions

To restore the best balance we can in our patients, we need to assess and rehabilitate all 3 systems, eyes, head and body!

Do you have all the tools you need for a complete assessment of your patients to lead them into a rehabilitation program?



Eye movement testing



Head movement testing



Postural / Sway testing



Individualized care plan for your patient

# Eye Movement Testing

Observation and recording of eye movements, videonystagmography



## VisualEyes™ 505 Video Frenzel

Record and store eye movements and head positions to look for common conditions such as the presence of spontaneous nystagmus or BPPV.

- Simultaneous display of patient movement and eye movement
- Multiple USB goggle solutions are available, top or side mounted binocular goggles or front mounted monocular goggles



## VisualEyes™ 515/525 Vestibular and Oculomotor Analysis

A comprehensive measure of oculomotor function to look for central vestibular conditions.

- Modern touch enabled software
- Situational camera for any test and patient interviews
- Customizable user-defined protocols
- Large eyes on PC and second monitor
- Voice timer with audio cues
- PDF reports
- Remote operation
- Automatic fixation light
- Seamless video playback

The eyes are the "windows" to our balance system

**Micromedical**  
by Interacoustics

# Head Movement Testing

Objective measurements and assessment of VOR function



## EyeSeeCam

Video Head Impulse Test (vHIT)

EyeSeeCam provides quick and objective measurements of the vestibulo-ocular reflex (VOR). The results allow you to efficiently assess the 'dizzy' patient and determine if the dizziness is related to a vestibular disorder.

- Exceptionally light-weight goggle
- Switchable camera R/L eye
- Superior data analysis, including velocity regression, instantaneous gain and median gain
- Efficiently assesses all six semicircular canals
- Optional fixation light always on



## Bertec®

Vision Advantage

Dynamic Visual Acuity (DVA) and Gaze Stabilization Test (GST) provide a tool to assess the function of the VOR and quantify the patient's recovery over time.



## Orion

Rotary Chair

A rotary chair plays an important role in monitoring the compensatory processes of vestibular rehabilitation therapy.

- Ideal for evaluation of the Vestibulo-Ocular Reflex (VOR) function.
- Space-saving design with fully reclining back rest and leg support - ideal for caloric and positional testing
- Gold Standard for bilateral vestibular lesions
- Pediatric friendly

# Postural/ Sway Testing

Assessment of balance  
and limits of stability



## Bertec® Essential Platform

The Essential force plate assesses limits of stability and performs mCTSIB test.

## Bertec® Functional Platform

The Functional force plate adds additional measurements such as tandem walking and sit to stand.

# Rehabilitation

**Physical Therapy exercises retrain the vestibular system**

**||**

**Physical Therapy using specialized exercises and stimuli to improve gait and gaze stabilization problems caused by dizziness disorders. Coordinated eye, head and body exercises are needed to retrain the vestibular system.**

**Bertec®**  
CDP/IVR

Immersive Virtual Reality is cutting edge technology for integrating and engaging physical neuro rehabilitation protocols to improve patient recovery from dizziness and balance disorders.



**Balance Quest**  
by Interacoustics

# Science made smarter

## **Interacoustics is more than state-of-the-art solutions**

Our mission is clear. We want to lead the way in audiology and balance by translating complexity into clarity:

- Challenges made into clear solutions
- Knowledge made practical
- Invisible medical conditions made tangible and treatable

Our advanced technology and sophisticated solutions ease the lives of healthcare professionals.

We will continue to set the standard for an entire industry. Not for the sake of science. But for the sake of enabling professionals to provide excellent treatment for their millions of patients across the globe.

[Interacoustics.com](http://Interacoustics.com)

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