

# Testing for hearing, dizziness and balance disorders



Legacy Health



# Advanced vestibular and audiology testing

**To help with proper diagnosis** of hearing, dizziness and balance disorders, the Vestibular and Audiology Services at Legacy Good Samaritan Medical Center offers advanced, comprehensive testing. Once testing has been done, we will give an interpretation of the test results, as well as recommendations for care.

All testing is performed by doctoral-level audiologists, and for follow-up, we work closely with Legacy physical therapists specializing in balance and vestibular rehabilitation.

## **Diagnostic tests available**

- Audiometry
- Tympanometry
- Acoustic reflex studies
- Tympanometric pressure test
- Electrocochleography
- Auditory brainstem response (ABR)/N. VIII studies
- Otoacoustic emissions (OAE)
- Tinnitus evaluations

- Electronystagmography and Dix-Hallpike (ENG/HP and VNG/HP)
  - Oculomotor test
  - Positionals
  - Hallpikes for identifying positional vertigo (BPPV)
  - Caloric test
- Rotary chair vestibulo-ocular reflex
- Special rotation studies
- Computerized Dynamic Posturography (CDP)
- VNG pressure/Valsalva test
- Vestibular evoked myogenic potential (VEMP)

## **Legacy Vestibular and Audiology Services sees patients who have:**

- Sudden, progressive or fluctuating hearing loss
- Episodes of dizziness or vertigo
- Imbalance, record of falls and/or fear of falling
- Bothersome or sudden start of tinnitus
- Post-concussion, head injury or stroke
- Dizziness and visual disturbance caused by loud noises, coughing, sneezing, “bearing down”
- Dizziness and hearing changes linked to barometric changes and menses
- Persistent mal de débarquement syndrome
- Received chemotherapy treatments
- Received radiation to head and/or neck
- Claim closures for Worker’s Compensation
- A need to find out treatment effectiveness in areas of hearing, vertigo and balance

## For more information Please contact:

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## Legacy Vestibular and Audiology Clinic

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