# Peripheral vs Central Vestibular Symptoms and Signs

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### **Speaker Disclosure**

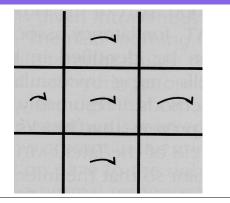
Indiana Hearing Specialists offer the sale of hearing aids manufactured by Oticon, Phonak, Starkey and Resound. Please note all relevant financial relationships have been mitigated.

### Peripheral vs Central

#### Symptoms and Signs - Peripheral vs Central

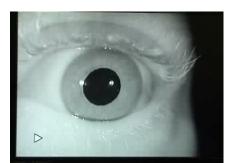
	Peripheral	Central
Nausea and vomiting	Severe	Variable, may be absent (May be severe and intractable)
Imbalance	Mild to moderate	Severe
Neurological symptoms	Rare	Common
Nystagmus	Unidirectional in all gaze positions; inhibited with fixation	Direction changing in different gaze positions, not inhibited with fixation
Head thrust test	Positive	Negative
Compensation	Rapid	Slow

#### Alexander's Law (Peripheral)



## Peripheral Nystagmus

- Horizontal
- Alexander's Law
- Fixationsuppression



## Head Thrust Test (Peripheral)



# Central Nystagmus

