



Dizziness

Central Causes

- Cerebrovascular**
- vertebralbasilar
 - TIA
 - Wallenberg
 - Cerebellar infarction and hemorrhage
 - Brainstem ischemia

- Inflammation**
- Meningitis
 - Cerebellar abscess

- Trauma**
- cerebellar contusion

- Tumours**
- CPA, posterior fossa glomous

- Toxic**
- Vestibular Migraine**
- Multiple Sclerosis**
- Chiari Malformation**

Vertigo

False sense of motion or spinning

Central

Peripheral

Imbalance	Mild-mod	Mod-severe
N/V	variable	severe
Auditory Sx	rare	common
Neuro Sx	common	rare
Compensation	slow	rapid
Nystagmus	Bidirectional, horizontal or vertical	Unidirectional, horizontal or rotatory

Disequilibrium

Off Balance or Wobbly

- Peripheral neuropathy
- Parkinson Disease

Pre-syncope

Feeling of losing consciousness or "blacking out"

Lightheaded

Vague disconnect with environment

- Functional
- Depression
- Anxiety
- Panic Disorder
- Personality Disorder
- Phobic

Hearing Loss

No Hearing Loss

Episodic Vertigo

Yes

No

Yes

No

	Meniere's	Labyrinthitis	Acoustic Neuroma
	Increase in endolymphatic fluid	inflammation of the inner ear affecting both branches of the vestibulo-cochlear nerve	Tumour of CNVIII
Hearing loss	Uni/bilateral Fluctuating	Unilateral	Progressive
Duration	Minutes → Hours	Days	Chronic
Tinnitus	+	Whistling	+
Aural Fullness	+	-	-

	BPPV	Vestibular Neuronitis
	Otolith in semicircular canal	Inflammation affecting the vestibular portion of the eighth cranial nerve
	-	-
	Seconds	Hours → days
	-	-
	-	-

Other Peripheral Causes

- Herpes zoster oticus (Ramsay Hunt syndrome)
- Labyrinthine concussion
- Perilymphatic fistula
- Semicircular canal dehiscence syndrome
- Cogan's syndrome
- Recurrent vestibulopathy
- Aminoglycoside toxicity
- Otitis media