

Dizziness Differential						
		Cervicogenic	BPPV	Meniere Disease	CAD	Central (tumor, infection, MS, seizure)
Symptoms	Typical character	Unsteady or light-headed (1-4)	Any (39)	Spinning vertigo (15)	Spinning> unsteady	Spinning> unsteady
	Typical frequency	Episodic (1)	Episodic (12-14)	Infrequent, but lasting episodes (15,24,25)	Likely constant	Likely constant
	Typical duration	Seconds to minutes (1,3)	Seconds (12-14)	Minutes to days (24,25)	Minutes to continuous (29)	Continuous
	Positional	Yes	Yes	No	Possible (29)	No
	Cervical symptoms- stiffness, discomfort	Very likely (90%) (2-8)	Possible (67-75%) (15)	Possible (80-88%) (8)	Likely (46-79%) (30-32)	Unlikely
	Headache	Possible, occipital	Unlikely	Possible, often migraine (26)	Likely (>50%), "new" occipital, periorbital or frontal (29,31,32)	Very possible, and "different"
	Ear symptoms- fullness, tinnitus, hearing loss	Unlikely	Unlikely (15)	Very likely (15,24,25)	Unlikely (7%) (33)	Rare- none (34,41)
	Constellation of other neuro symptoms- Parasthesia, visual disturbances, ataxia, difficulty speaking or swallowing	No	No	No	Very likely (>99%) (34,40,41)	Very likely
Signs	Cervical exam findings- tenderness, hypertonicity, limited ROM, joint restriction	Very likely (1,10,11,37,38)	Possible	Possible (8)	Likely	Unlikely
	Head fixed body turned	Positive (36)	Unlikely	Negative	Possible	Negative
	Dix Hallpike	Likely	Very likely (83%) (16-20)	Unlikely	Possible	Negative
	Otoscopic findings	Normal	Normal	Normal (27)	Normal	Normal
	Fever	No	No	No	No	Possible
	Nystagmus (if present)	Horizontal	Horizontal	Horizontal (28)	Vertical	Vertical, without latency or fatigue (27,35)
	Ptosis	No	No	No	Possible (16%) (31,33)	Possible
	Cranial nerve dysfunction	No	No	No	Possible (CN: XII, XI, X, IX) (31,33)	Likely
	UMNL signs- hyperreflexia, pathologic reflexes	No	No	No	Likely	Likely
Tx		Manual therapy	Repositioning maneuvers	Diet and PCP Co-management	Emergent referral	Emergent referral

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for references

