

Neurological factors associated with balance disorder.

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A balance disorder is defined as it is a condition that makes you feel unsteady or dizzy, as if you are moving, spinning, or floating, despite that you are standing still or lying down. Balance disorders can be effected by certain conditions include health, medications, or a problem in the inner ear or in the brain. Every person feel dizzy spell. The term “dizziness” definition is different from one person to other person [1,2]. For one individual, dizziness might mean a feeling of faintness, while for another individual feel it could be an sensation of spinning (vertigo) that lasts a long time. If a person is having balance disorder, symptoms may include dizziness or vertigo, falling or feeling as though you will fall, Staggering when you are in walk, Lightheadedness, faintness, or a floating sensation feeling sensation seen.

In older adults, balance problems are the most common reasons. This may be also seen because of disturbances of the inner ear. In case of Vertigo, person feel that things around you are spinning and it is a common symptom. This type of balance disorders are caused by if any problems in the inner ear of person. The inner ear is more responsible for balance is the vestibular system and it is also known as the labyrinth. Labyrinth it is a condition called labyrinthitis occurs, labyrinth will becomes infected or welling seen [3]. It is typically accompanied by vertigo and imbalance. In case of Labyrinth, other infections like upper respiratory infections, viral infections, bacterial infections can also seen. In certain neurological conditions, losing your balance while walking, or feeling imbalanced, can also observed.

Vertigo causes dizziness when you move your head. The symptoms typicall happen when you look behind you or look up for an item positioned above your head. But other conditions can also cause dizziness and lightheadedness. The diagnosis may involve by taking other conditions also. In an inner ear infection, it will effect on the delicate structure of deep inside your ear called the labyrinth it will become inflamed, it will

affect hearing and balance [4,5]. Other diseases is Meniere’s disease, it is a relatively rare disorder and it will affects on the inner ear. That leads to cause vertigo, tinnitus and hearing loss. This condiiton is called Endolymphatic Hydrops. In this condiiton s an increase pressure in the inner ear of Endolymphatic system and labyrinth. Other type is estibular migraine or migrainous vertigo, in this condition migraine that may or may not cause a headache, but can cause number of symptoms which affects on the ears, vision and balance of the body. It is the common cause of vertigo in affcted people. This type of condiiton can reduce by changing lifestyle and diet habits that reduce or prevent migraines in more people include doing regular exercises, avoiding taking junk foods and alcohol that triggers migraine, adequate fluid intake, changing sleep patterns. Take advise from your doctor for medications. Your doctor also suggest small doses of corticosteroids behind your eardrum to decrease dizzines.

References

1. Madaan P. Vestibular Rehabilitation Therapy: Role of Physical Therapy in Management of Vertigo. *J Nov Physiother.*2020; 10: 438.
2. Chen X, Wang Y. Vertigo and Transient Loss of Consciousness. *J Neuroinfect Dis.*2017; 8:271.
3. Shan X, Wang A, Wang E. Comments on an Update of Clinical Practice Guideline: Benign Paroxysmal Positional Vertigo. *Otolaryngol.*2017; 7:305.
4. Katarzyna K, Katarzyna PO, Zuzanna P, et al. Kinesiology Taping in Cervical Vertigo Treatment. *J Nov hysiother.*2016 6:287.
5. Andrew JD, Hathi AA, Steffy L, et al. Zebra Fish (Danio rerio) Diving into Bipolar Disorder. *Clin Pharmacol Biopharm.*2020; 9: 196.

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