



Static and Dynamic Defects from Acute Unilateral Vestibular Loss



- Spontaneous vestibular nystagmus
- · Pathological ocular tilt

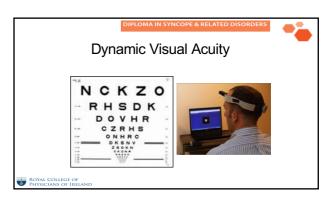
### Dynamic Defects:

- Positive Head Thrust (decreased VOR)
- Decreased Dynamic Visual Acuity
- Head Shaking Nystagmus

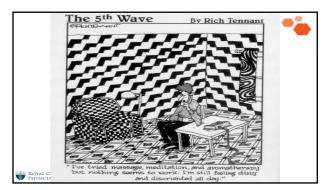














### I'm dizzy when I stand up - Which System is causing that symptom?

- Peripheral vestibular systemCentral vestibular system
- Cardiovascular system
- · Gait abnormality
  - Lower level Middle level High level
- Miscellaneous Is there > 1 type of symptom





- Commonest cause BPPV in 2008
- BPPV means Benign Paroxysmal Positional Vertigo
   The commonest cause of episodic,recurrent vertigo
- Short lived, lasting less than a minute
- May present as sudden unsteadiness not spinning but always provoked by head movement up or down or postural change or lying flat.
- Treatable

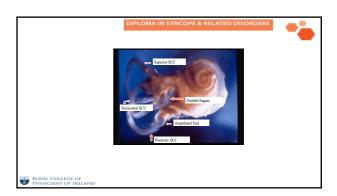


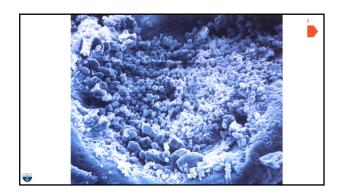
# **Provoking Positions**

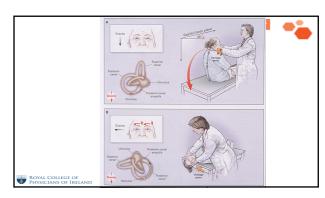


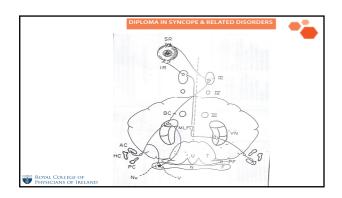
- Lying down from sit to supine
- Bending over
- Looking up or reaching overhead
- Rolling in bed
- · Going from supine to sit
- An inability to sleep without 3 pillows

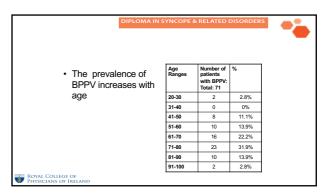


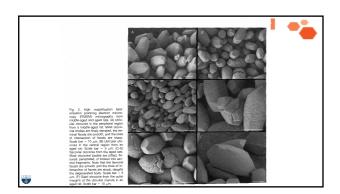




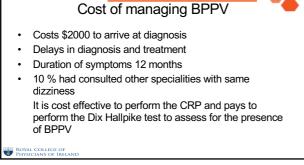


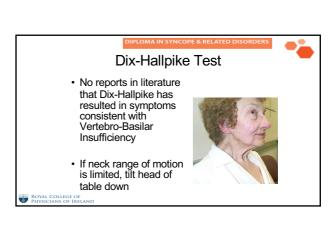


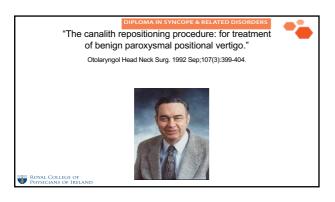


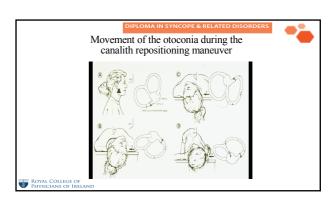
















## Conclusion

- · Older Adults have different types of dizziness
- Dizziness is not a syndrome : look for specific diagnoses
- Cross specialities ? Who should see them?
- · Look for treatable common diagnoses in all of this group as the history may not be clear
- Educate professionals in the different specialities seeing older persons on BPPV, nystagmus and cardiovascular causes of dizziness.





### Examination

- Acute Admissions

  Exclude Central Oculomotor signs

  Search for spontaneous nystagmus

  NB peripheral can you see their eyes in the dark?

- Out patient Clinic

   Bedside VOR testing- Head thrust /DVA
- Positional Vertigo with Dix Hallpikes
- Otoscopy







