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Benign Paroxysmal Positional Vertigo (a.k.a.)

BPPV BPV (Benign Positional Vertigo) Positional Vertigo

(Not BPV of childhood)



Diagnosis: Dix-Hallpike Maneuver



















PC BPPV Maneuvers Many ways to do the same thing Many specialties

- Brandt-Daroff (1980) two neurologists
- Epley (CRP), 1980 -- ENT
- Semont (Liberatory), 1988 PT
- Gans (2006) Ph.D. (Audiology)
- Foster (2012) -- ENT

































Case: LATERAL CANAL BPPV

- Patient seen in office, has mild PC BPPV
- Sent home with home-Epley instructions
- Calls to say that he is now "much worse"
- Before, just got dizzy lying down on left.
- Now he is dizzy to both sides, and doesn't feel too good standing up either.



















Case: ANTERIOR CANAL BPPV

- Patient seen in office, gets dizzy lying on back (any position)
- Dix-Hallpike shows downbeating nystagmus --- not much torsion



Diagnosis of Anterior Canal BPPV

- Downbeating or mixed down/torsional nystagmus
- Provoked by headhanging
- If no previous BPPV, DD includes DBN in general.













WHAT IF EXERCISES FAIL ?

- Get an MRI
- If normal you can do any or all of following
 Nothing (6 months 80% response to time)
 - Avoidance of provoking positions
 - Medication
 - Daily Exercise

What can happen if you don't get an MRI

- Dizzy 75 year old man
- Frenzel exam showed downbeating nystagmus
- Treated with PT for many sessions for AC BPPV, then discharged
- 2 years later, returned









BPPV - Summary

- BPPV is easily diagnosed. Debris within specific anatomical locations have specific nystagmus patterns.
- PC BPPV treatment with mechanical maneuvers is highly successful.
- HC and AC BPPV have specific and logical maneuvers, but controlled studies are presently lacking.

For much more, including more movies, see:

http://www.dizziness-andbalance.com/disorders/bppv/bppv.html