











Diagnosing BPPV- Vertical Canals						
 Diagnosis is made on the direction of eye movements: VERTICAL CANALS: Posterior/Anterior Torsion (side): right torsion (right), left torsion (lef) Vertical Component (canal): down (anterior) vs up (posterior) Duration (type): short (canalithiasis) vs long (cupulolithiasis) All eye movements are in reference to the patient's right and left 						
	Right Torsion	Left Torsion				
Up-Beat	Right Posterior Canal	Left Posterior Canal				
Down-Beat	Right Anterior Canal	Left Anterior Canal				
BOYS TOWN National Research Hospital						

































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Nystagmus will be evident in Straight Head Hanging position							
		Right Torsion	Left Torsion				
	Up-Beat	Right Posterior Canal	Left Posterior Canal				
	Down-Beat	Right Anterior Canal	Left Anterior Canal	BOYS TOWN			









Treatment of Anterior Canalithiasis

Shortened Forced Position Procedure

3 min each position. **Yacovino** Works for both sides.







Posterior Canal Short-arm BPPV: Diagnosis Down-beat in the Dix Hallpike and up-beat with torsion toward ear involved upon sitting,

Halfway nystagmus,

Sitting up vertigo and retropulsion, or

Other unexplained eye movements that don't respond to traditional treatments (i.e., only see eye movements with return to sitting)



		Right Torsion	Left Torsion				
	Up-Beat	Right Posterior Canal	Left Posterior Canal				
	Down-Beat	Right Anterior Canal Left Posterior Canal (cupulo-LA, canal-SA)	Left Anterior Canal Right Posterior Canal (cupulo-LA, canal-SA)	-			
Half Hallpike & inverted release to differentiate long							
 Half Hallpike Posterior canals: excitation = UBN with torsion toward affected side Inverted Pelease: Turn head toward unaffected side and law 							
on unaffected side							
• Cupulolithasis of the long arm: inhibition = DBN and torsion away from affected side							
	Canalithiasis of short arm: debris should fall out						
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ΡΑΤ For more information CONFERENCE including invited speakers. **Pediatric Audiology Translational Research COLLABORATING TO ADVANCE CLINICAL OUTCOMES** SAVE THE DATE MAY 30-31, 2025 Boys Town National Research Hospital, Omaha NE **BOYS TOWN** National Resea KEYNOTE Susan Scollie, Ph.D. Professor and Director of the National Centre for Audiology, Western University

