

POSTERIOR CORD SYNDROME



with **Bridget Ripa**
PT, DPT

WHAT IS IT?

- Posterior cord syndrome is damage to the posterior aspect of the spinal cord
- Incidence is rare.
- MOI: lesion to posterior cord, occlusion of posterior spinal artery
- Impairments: isolated loss of vibration, proprioception, discriminative touch
 - DCML pathway



SPECIAL TESTS

- CT/MRI
- Clinical presentation
- MOI

DIFFERENTIAL DIAGNOSIS

- Anterior Cord Syndrome
- Brown Sequard Syndrome
- Central Cord Syndrome
- Cauda Equina



TREATMENT EXAMPLES

- Utilize ICF model
- Managed medically
- Bowel and bladder program
- Motor learning
- Task specific training
- Neuromuscular reeducation
- Strengthening, weight bearing
- Tone management
- Functional E-Stim
- Aerobic training
- Positioning, splinting, bracing
- Locomotion
- Allowing compensation with this population



HOW WILL THIS LOOK ON THE NPTE?

- MOI
- Loss in vibration, proprioception, & discriminative touch



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