

# Spinal Cord Herniation

- Defect or diverticulum in dural sheet with cord herniation into it, can cause neurologic deficits including myelopathy
- proposed mechanisms: few reported cases
  - Congenital weakening of ventral dural fibers
  - Damage to ventral dura by disc herniation or other mechanism
  - Abnormal adhesion of cord to anterior dural sleeve progressively wears down dura leading to herniation
  - Large nerve sleeve diverticulum

# DDx:

- **Arachnoid cyst**

- Can produce identical findings if dorsal
- Usually lacks cord deformity
- Can accompany herniation (due to adhesions)

- **Epidural hematoma**

- **Epidural empyema**

- Usually more extensive
- T1WI show enhancement

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