

Ataxia

Identify Syndrome

Cerebellar Ataxia

• Truncal & Gait Instability
+/- Nystagmus
No Limb Ataxia

• Limb Ataxia
Dysmetria, Dysdiadochokinesia
+/- Nystagmus, +/- Dysarthria
Intention Tremor

Localize

Cerebellum

Vermis



Hemisphere

Bilateral*

Hyperacute

- Acute Toxicity*
- ETOH
- Cytarabine
- Stroke*

Cerebellar Ataxia DDx

Acute

- Postinfectious*
- Virus (Varicella)
- Multiple Sclerosis*

Unilateral*

Subacute

- Paraneoplastic*
- PML (JC Virus)*
- Metastatic*

Chronic

- Toxin*
- Phenytoin
- ETOH
- Degenerative*
- Acquired (MSA)
- Inherited (Friedreich's, SCA)

Sensory Ataxia

• Limb Ataxia, Wide-Based Gait
↓ Proprioception/Vibration
Romberg sign, (↓ Reflexes)

Dorsal Columns*

DRG*

Nerve*



Sensory Ataxia DDx

Acute

- GBS*

Subacute

- Sjogren's**
- Paraneoplastic**
- B6 Toxicity*
- HIV**
- Platin-Chemo**
- ↓B12**

Chronic

- Spondylotic Myelopathy*
- Tabes*
- Sensory Neuropathy*