



Transverse Myelitis

Definition: Acute Myelopathy* + CNS Inflammation# + Ø Cord Compression on MRI

*Acute Motor, Sensory, Bowel/Bladder, and/or Autonomic Sx. Sensory Level Common. Hyperreflexia Or Areflexia Can Be Seen

T2 Hyperintense Cord Lesion +/- Gadolinium Enhancement On MRI +/- ↑CSF WBC Or ↑IgG Index

Infectious

Viruses

- Enterovirus D68 → E71
- West Nile Virus
- Polio
- EBV, CMV, HSV-2

These Diseases Cause
Acute Flaccid Myelitis
Due to Anterior
Horn Cell Injury

Bacteria

- Mycoplasma
- B. burgdorferi

Immune-Mediated

1° CNS Demyelinating

- Multiple Sclerosis
- NMO-Spectrum Disorders[!]
- ADEM[!]
- Anti-MOG Disorders[!]

Systemic Autoimmune

- Sjögren (+NMO)
- Lupus (+NMO)
- Sarcoidosis[!]
- Behcet's[!]

Paraneoplastic[!]

- Anti-Hu (SCLC)
- Anti-CRMP5 (SCLC, Thymoma)
- Anti-amphiphysin (Breast, Lung)

Idiopathic[!]

- Post-Infectious
- Post-Vaccination

[!] Longitudinally-Extensive TM: T2 Lesion Spanning >3 Vertebral Segments. Most Often Seen in NMO Disorders