CLASSIFICATION OF ACQUIRED INFLAMMATORY CNS DEMYELINATION IN CHILDREN (Banwell et al, 2011)

FIRST ATTACK OF DEMYELINATION

- Symptoms localize to multiple CNS sites
  - With encephalopathy
    - ADEM
  - Without encephalopathy
    - Polyfocal demyelination

- Symptoms localize to one site
  - Other
  - Isolated transverse myelitis
  - Isolated optic neuritis

- Symptoms localize to spinal cord and optic nerve
  - Neuromyelitis optica

FURTHER DEMYELINATING ATTACKS

- ADEM
  - Polyfocal with encephalopathy (no new areas of involvement)
    - Recurrent ADEM
  - Polyfocal with encephalopathy (new areas of involvement)
    - Multiphasic ADEM
  - Disseminated in space and time, including two or more non-ADEM events (in a child with initial ADEM)
    - Multiple sclerosis
  - Restricted to spinal cord and optic nerve
    - Relapsing neuromyelitis optica

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