

Neurological emergencies

1. Acute cerebrovascular diseases (ACS)

- Ischemic stroke
- Hemorrhagic stroke
- Transient ischemic attack (TIA)
- Subarachnoid hemorrhage
- Intracerebral hemorrhage
- Thrombosis of the venous sinuses of the brain
- Acute occlusion of the carotid or vertebral artery
- Acute hypertensive encephalopathy

2. Acute infectious and inflammatory lesions of the nervous system

- Meningitis (bacterial, viral, fungal)
- Meningoencephalitis
- Acute disseminated encephalomyelitis (ADEM)
- Brain or spinal cord abscess
- Herpetic encephalitis
- Poliomyelitis
- Tetanus
- Botulism

3. Convulsive states

- Status convulsive (epileptic, non-epileptic)
- First epileptic seizure in life convulsion
- Acute symptomatic convulsive attack

4. Emergencies associated with spinal cord injury

- Acute spinal syndrome (myelopathy, spinal cord compression)
- Spinal shock
- Acute spinal cord compression (hematoma, tumor, herniated disc)

5. Acute neuromuscular diseases

- Acute myasthenic crisis
- Guillain-Barré syndrome (acute demyelinating polyneuropathy)
- Acute respiratory failure in neuromuscular diseases
- Paralytic syndrome in poliomyelitis

6. TBI and related conditions

- Traumatic brain injury (concussion, brain contusion, intracranial hematoma)
- Epidural hematoma
- Subdural hematoma
- Intracranial hemorrhage after trauma
- Increased intracranial pressure syndrome

7. Acute intoxications and metabolic disorders

- Acute intoxication with neurotropic substances (alcohol, drugs, poisons)
- Metabolic encephalopathy (hepatic, uremic, hypoglycemic)
- Acute hypoxic encephalopathy
- Acute demyelination (central pontine myelinolysis)

8. Acute pain syndromes

- Trigeminal neuralgia with severe pain syndrome
- Acute radiculitis with root compression
- Acute peripheral vestibulopathy (vestibular crisis)
- Acute cluster headache
- Giant cell arteritis (threat of blindness)