

Supplementary Material

Herpes simplex encephalitis Type 1 version (60 words in Dutch)

1. female, 38 yrs old
2. admitted because of a generalized seizure
3. malaise for one week, irritable, headache
4. on admission meningeal irritation
5. body temperature 38,5 degrees Celsius (=101,3 degrees Fahrenheit)
6. she is aphasic and confused
7. MRI: swollen temporal lobe on the left side
8. CSF: 340×10^9 cells, mostly mononuclear
9. EEG: irritative activity left frontotemporal region
10. positive HSE* PCR in CSF

Herpes simplex encephalitis Type 2 version (61 words in Dutch)

1. female, 38 yrs old
2. admitted because of a generalized seizure
3. malaise for one week, irritable, headache
4. past history: splenectomy
5. on admission meningeal irritation
6. body temperature 38,5 degrees Celsius
7. she is aphasic and confused
8. CT normal (too restless for MRI)
9. CSF: 340×10^9 cells, mostly mononuclear
10. positive HSE PCR in CSF

Note that most items are identical, except items 4 and 8 in the Type 2 version, while item 9 is in the Type 1 version only. The previous splenectomy (item 4) is a noise-item, as it suggests the possibility of a bacterial and not a viral intracranial infection.

* HSE: herpes simplex encephalitis

Wernicke-Korsakoff syndrome Type 1 version (64 words in Dutch)

1. male, 67 years, admitted at the Emergency Department
2. has been found in his caravan, confused
3. he complains about double vision
4. filthy and tremorous
5. optomotor system: restricted abduction bilaterally
6. there is a nystagmus in all positions
7. his speech is slurred
8. he cannot walk unaided
9. he is bad-tempered and obstructive
10. deep tendon reflexes are absent in his legs

Wernicke-Korsakoff syndrome Type 2 version (64 words in Dutch)

1. male, 67 years, admitted to the Emergency Department
2. was found in his caravan, confused
3. he complains about double vision
4. he has a wound on his head
5. optomotor system: restricted abduction bilaterally
6. there is a nystagmus in all positions
7. his speech is slurred
8. he cannot walk unaided
9. he is bad-tempered and obstructive
10. deep tendon reflexes are absent in his legs

All items are identical, except that in the Type 2 version the patient had a head wound suggesting a traumatic disorder – which cannot, however, explain all findings. This item replaces a supportive item for the diagnosis in the Type 1 version.

List of case diagnoses:

0. Transient global amnesia *
1. Amyotrophic lateral sclerosis **
2. Giant cell arteritis
3. Carpal tunnel syndrome
4. Herpes simplex encephalitis
5. Friedreich's ataxia
6. Frontotemporal dementia **
7. Subacute combined degeneration of spinal cord
8. Cluster headache
9. Inclusion body myositis
10. Intoxication medication
11. Juvenile myoclonic epilepsy
12. Pediatric head injury with transient deterioration **
13. Lumbar disc herniation
14. Migraine
15. Multiple sclerosis
16. Myasthenia gravis **
17. Transverse myelitis
18. Neuralgic amyotrophy
19. Neuroborreliosis
20. Cervical stenotic myelopathy **
21. Progressive supranuclear palsy
22. Adie's syndrome
23. Guillain Barré syndrome
24. Brain stem stroke
25. Wernicke-Korsakoff syndrome
26. Huntington's disease

* *Practice case – not further analyzed.*

** *Pilot study only*