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Caption: California encephalitis virus. Coloured transmission electron micrograph of California encephalitis virus particles (virions). Each particle consists of an icosahedral protein coat (capsid, pale green) surrounding single-stranded ribonucleic acid (RNA), the virus' genetic material. The California encephalitis virus is an arbovirus (arthropod-borne virus) and is transmitted to humans by mosquitos. In humans, the virus damages nerve cells, causing encephalitis (brain inflammation), stiff neck, lethargy and seizures. It was first discovered in 1943 in California, USA.

Editors' Commentary

- 1** Highlights from this issue
P E M Smith, G N Fuller

Editorials

- 2** *Practical Neurology* linked to the curriculum: an online resource
D Sokhi, A Brockington, C Lo
- 4** Temporary replacements for oral epilepsy treatments
S M Sisodiya

Reviews

- 6** Myelopathy: chameleons and mimics
L Ginsberg
- 13** Sudden unexpected death in epilepsy: measures to reduce risk
B Mclean, R Shankar, J Hanna, C Jory, C Newman
- 21** Sleep apnoea and the neurologist
S Cheng, C D Stark, R J Stark
- 28** When the heart rules the head: ischaemic stroke and intracerebral haemorrhage complicating infective endocarditis
E Jiad, S K Gill, M Krutikov, D Turner, M H Parkinson, C Curtis, D J Werring

A difficult case

- 35** Acute demyelination following radiotherapy for glioma: a cautionary tale
M Milic, J H Rees
- 39** Steak and Stupor: seizures and *E. coli* O157 infection
S A Braksick, J M Martinez-Thompson, E F M Wijdicks

Neurological rarity

- 42** CD8+ encephalitis: a severe but treatable HIV-related acute encephalopathy
A Zarkali, N Gorgoraptis, R Miller, L John, A Merve, S Thust, R Jager, D Kullmann, O Swayne

How to do it

- 47** How to do it: bedside ultrasound to assist lumbar puncture
S Williams, M Khalil, A Weerasinghe, A Sharma, R Davey

Image of the moment

- 51** Spinal cord infarction after cocaine use
J Williamson, M Bonello, M Simpson, A Jacob

Neurological rarities

- 53** Remarkable motor recovery after riboflavin therapy in adult-onset Brown-Vialetto-Van Laere syndrome
J A Bashford, F A Chowdhury, C E Shaw
- 57** Neuromyelitis optica presenting as acute bilateral ptosis
P Joshi, J Lanford, D Bourke

Neurological sign

- 60** Asterixis
M A Ellul, T J Cross, A J Larner

Today's ward round

- 63** Collet-Sicard syndrome: a rare but important presentation of internal jugular vein thrombosis
S Neo, K E Lee

What to do when

- 66** What to do when patients with epilepsy cannot take their usual oral medications
A M Bank, J W Lee, P Krause, A L Berkowitz

Test yourself

- 71** A hill walker with long chains
D P Breen, V Stinton, R N De Silva

Neurological letter from

- 74** Neurological letter from Cape Town
J Carr

Neuromyology

- 77** End the cult of cotton wool
G Fuller
- 79** The Mini-Mental State Examination: pitfalls and limitations
E Devenney, J R Hodges

Carphology

- 81** Carphology
A F Ben

Book club

- 82** *A Country Doctor's Notebook*—Mikhail Bulgakov
M Proudfoot

ABN news

- 84** ABN news
J Lawrence, D J Burn



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