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Neurological sequelae following JE infection in children in Gaya, India

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Method: 69 labs confirmed cases of JE admitted to hospital were included from July till November, 2011 and later followed for neurological complications from 2012 till 2014.

Results: Of the 69 patients, 9 died in hospital. 7 were untraceable. The rest 53 were followed up through home visits. 8 had recovered fully (Liverpool Outcome Score = 5).

Final study group = 45.

16 developed ADHD/behavioural disorders, while 7 developed cranial nerve complications. Two had aphasia, 3 each developed hemiplegia/muscle powder weakness.

Mental retardation was observed in 9 who concomitantly showed other signs of neurological deficits.

Out of 45 study group, 36 were school-going children. Of these, 13 were school drop-outs as they could not cope up with study pressure post- JE infection.

Biography

Ajoy Kishore Ravi has been working as professor of Paediatrics at Melaka Manipal Medical College, Malaysia.

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