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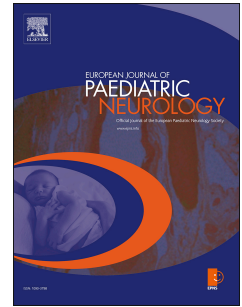
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# OUTCOMES FOLLOWING SEVERE HAND FOOT AND MOUTH DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS

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## Abstract

### *Background*

- Hand, foot and mouth disease (HFMD) caused by enterovirus A71 (EV-A71) is associated with acute neurological disease in children.
- This study aimed to estimate the burden of long-term sequelae and death following severe HFMD.

### *Methods*

- This systematic review and meta-analysis pooled all reports from English and Chinese databases including MEDLINE and Wangfang on outbreaks of clinically diagnosed HFMD and/or laboratory-confirmed EV-A71 with at least 7 days' follow-up published between 1st January 1966 and 19th October 2015.
- Two independent reviewers assessed the literature.
- We used a random effects meta-analysis to estimate cumulative incidence of neurological sequelae or death.
- Studies were assessed for methodological and reporting quality.
- PROSPERO registration number: 10.15124/CRD42015021981

### *Findings*

- 43 studies were included in the review, and 599 children from 9 studies were included in the primary analysis.

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