

## CORRESPONDENCE

### Re: Moroti *et al.* Recurrent pneumococcal meningitis

We read the publication on “Predisposing conditions and outcome in adult patients with recurrent pneumococcal meningitis” with great interest. Based on their study of 182 patients, Moroti *et al.* concluded that “Patients with recurrent pneumococcal meningitis were younger, had less comorbidities and a better outcome”.<sup>1</sup> The result in this report is in contrast with a previous report by de María Ugalde-Mejía *et al.*, who studied in a neurosurgical center and noted that the patients had different predisposing factors with severe disease and high mortality.<sup>2</sup> In the report by Moroti *et al.*,<sup>1</sup> it would be of interest to reassess the outcome according to neurosurgical and non-neurosurgical cases. We agree with Moroti *et al.* that identifying underlying predisposing conditions in patients with recurrent meningitis is useful for prevention for further episodes. Nevertheless, the better option might be giving the pneumococcal vaccination.<sup>3</sup> The vaccination is suggested for any cases with important overt risk factors such as CSF leakage and the vaccination is recommended before existence of any episode of infection.<sup>2</sup> Finally, it is a simple but important concern that there is a possibility of false positive in case diagnosis.<sup>4,5</sup> *Enterococcus faecalis* meningitis may be easily mis-diagnosed as pneumococcal meningitis.<sup>5</sup>

<sup>1</sup>Sora Yasri, <sup>2</sup>Viroj Wiwanitkit

<sup>1</sup>KMT Primary Care Center, Bangkok, Thailand; <sup>2</sup>dr DY Patil University, Pune, India

Address correspondence to: Sora Yasri, KMT Primary Care Center, Bangkok, Thailand. Email: sorayasri@outlook.co.th

Conflict of interest: None

## REFERENCES

1. Moroti R, Olaru ID, Niculae CM, Manea E, Jipa RE, Hristea A. Predisposing conditions and outcome in adult patients with recurrent pneumococcal meningitis. *Neurol Asia* 2018; 23(4): 313-7.
2. de María Ugalde-Mejía L, Morales VA, Cárdenas G, Soto-Hernández JL. Adult patients with pneumococcal meningitis at a neurosurgical neurologic center: Different predisposing conditions? *World Neurosurg* 2018;110:e642-e647.
3. Ivády B, Liptai Z, Ujhelyi E, Balázs G. Pneumococcal meningitis in children--9 1/2-year-experience at Szent László Hospital, Budapest, Hungary. *Ideggyogy Sz* 2008 30;61(11-12):385-90.
4. Alonso-Tarrés C, Cortés-Lletget C, Casanova T, Domènech A. False-positive pneumococcal antigen test in meningitis diagnosis. *Lancet* 2001;358(9289):1273-4.
5. Daubié AS, Mayaux J, Epelboin L, *et al.* False-positive pneumococcal antigen test in a case of *Enterococcus faecalis* meningitis. *Med Mal Infect* 2013;43(11-12):483-5.