Post-varicella Necrotising Fasciitis

Sir

The report on 'necrotising fasciitis (NF)' is very interesting. [1] Xavier et al. mentioned that 'NF should be suspected in post-varicella cellulitis, not responding to adequate antibiotic therapy'[1] and also concluded that 'Laboratory Risk Indicator for Necrotising Fasciitis score aids in early diagnosis, where imaging studies are pending'.[1] Indeed, the varicella is not an uncommon viral infection. This infection is seen worldwide. The risk factors for post-varicella NF are an interesting topic. As noted by Lim and Huntley, 'although rare, musculoskeletal sequelae (osteomyelitis, septic arthritis, pyomyositis and NF) can occur in otherwise healthy children'.[2] This varicella complication should be well monitored in all cases. Sometimes, the other deadly concomitant complications such as respiratory tract problem can also be seen.^[3] Finally, although varicella vaccine is available, the infection in case receiving vaccination is possible^[4] and this can be the most difficult case to diagnose if the post-varicella NF occurs.

Financial support and sponsorship

Nil.

Conflicts of interest

There are no conflicts of interest.

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REFERENCES

- Xavier R, Abraham B, Cherian VJ, Joseph JI. Early diagnosis of post-varicella necrotising fasciitis: A medical and surgical emergency. Afr J Paediatr Surg 2016;13:44-6.
- Lim JB, Huntley JS. Musculoskeletal sequelae of Varicella-zoster infection: Two case reports. Scott Med J 2012;57:121.
- Slack CL, Allen GC, Morrison JE, Garren KC, Roback MG. Post-varicella epiglottitis and necrotizing fasciitis. Pediatrics 2000;105:e13.
- Tafuri S, Martinelli D, Prato R, Germinario C. Vaccine effectiveness evaluation during a varicella outbreak among children of primary schools and day-care centers in a region which adopted UMV. Hum Vaccin Immunother 2013;9:184-8.

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How to cite this article: Wiwanitkit V. Post-varicella necrotising fasciitis. Afr J Paediatr Surg 2017;14:59.

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