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Letter

Needle Stick Induced Arbovirus Infection: A New Problem That Should not be Forgotten

Beuy Joob,^{1,*} and Viroj Wiwanitkit²

¹Sanitation 1 Medical Academic Center, Bangkok, Thailand ²Visiting Professor, Hainan Medical University, China

Corresponding author: Beuy Joob, Sanitation 1 Medical Academic Center, Bangkok, Thailand. E-mail: beuyjoob@hotmail.com

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Dear Editor,

Arbovirus infection is still an important medical problem, which is mainly transmitted by mosquito bite. There are many reports on atypical modes of transmission, and needle stick injury as a mode of transmission of arbovirus infection is rarely mentioned. This is an important but forgotten issue in occupational health for the medical personnel. Of several arbovirus infections, needle stick injury related dengue infection is well-mentioned (1). It is classified as an important kind of nosocomial infection. Interestingly, needle stick injury related dengue infection has already been reported in many non-tropical countries (2-4). Hence, this problem can occur anywhere in the world.

Needle stick injury is a common accident in medical procedures and can be done by any medical personnel. The possibility of arbovirus transmission by needle stick injury accident should not be neglected. In the present worldwide outbreak of Zika virus infection, the great concern on the possibility of needle stick injury transmission of Zika virus should be discussed although there is still no confirmed case report.

Footnote

Conflict of Interest: None.

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