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Zika Virus Infection and Bone Marrow Problem

Viroj Wiwanitkit

Visiting professor, Hainan Medical University, China

***Corresponding author:** Professor Viroj Wiwanitkit, Wiwanitit House, Bangkhae, Bangkok, Thailand,
E-mail: wviroj@yahoo.com

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At present, Zika virus infection becomes the big issue in medicine. This infection is an arboviral infection and it can be classified as a blood infection[1]. Similar to dengue, this infection can disturbance the hemostatic system and the thrombocytopenia can be seen in infected patients. If infection occurs in the pregnant women, the risk of giving bon to abnormal babies with congenital neurological problem can be expected[2]. Nevertheless, most of the infected cases are asymptomatic[3]. Focusing on hematological manifestation of Zika virus infection, the effect on peripheral blood cells is well defined. However, there are few reports on the effect of Zika virus infection on bone marrow.

Indeed, any blood infection might affect bone marrow and this is usually a little mentioned issue. In Zika virus infection, there is a report on affected fetus that there is no problem on bone marrow[4]. Nevertheless, there is a report noting that "bone marrow analysis suggested thrombocytopenic purpura"[5]. The exact pathological effect of Zika virus on bone marrow is a very interesting issue for further study in hematology.

Conflict of Interest: None

References

1. Wiwanitkit, V. Blood Infections: Scientific, Clinical and Public Health Aspects. (2007) Nova Publishers.
2. Fajardo, A., Cristina, J., Moreno, P. Emergence and Spreading Potential of Zika Virus. (2016) Front Microbiol 7: 1667.
3. Wiwanitkit, S., Wiwanitkit, V. Afebrile, asymptomatic and non-thrombocytopenic Zika virus infection: Don't miss it!. (2016) Asian Pac J Trop Med 9(5): 513.
4. Culjat, M., Darling, S.E., Nerurkar, V.R., et al. Clinical and Imaging Findings in an Infant With Zika Embryopathy. (2016) Clin Infect Dis 63(6): 805-811.
5. Chraïbi, S., Najioullah, F., Bourdin, C., et al. Two cases of thrombocytopenic purpura at onset of Zika virus infection. (2016) J ClinVirol 83: 61-62.

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