

## Zika Virus Infection In Cancerous Patient

Sir,

The Zika virus infection becomes the big problem in the present day. The worldwide epidemic affects several countries. In oncology, the important concern is on the Zika virus infection in cancerous patient. The information on this topic is very limited. Based on the literature review, there is already a case report from Brazil on a Zika virus-infected case with underlying breast cancer.<sup>[1]</sup> The case is currently on the treatment with anastrozol and developed only acute febrile illness without any other complication.<sup>[1]</sup> Indeed, the effect of Zika virus on cancerous patient is a very interesting topic. Focusing on the similar infection, dengue, a clinical problem, should be concerned on the patient with underlying blood cancer.<sup>[2]</sup> Finally, the remained interesting question is why there is no report on Zika virus infection among cancerous patients who have immunocompromised status despite there is already worldwide epidemics of Zika virus infection.

### Financial support and sponsorship

Nil.

### Conflicts of interest

There are no conflicts of interest.

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## References

1. Hepner A, Diz MP. Zika virus in a patient with cancer: How much do we know? *J Glob Oncol* 2016;2:250-1.
2. Bahl A, Bakhshi S. Dengue Fever in patients with pediatric malignancy on chemotherapy: A concern in tropical countries. *Pediatr Blood Cancer* 2011;57:1249-50.

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<b>Quick Response Code:</b> 	<b>Website:</b> <a href="http://www.ijmpo.org">www.ijmpo.org</a>
	<b>DOI:</b> 10.4103/ijmpo.ijmpo_191_16

**How to cite this article:** Wiwanitkit V. Zika virus infection in cancerous patient. *Indian J Med Paediatr Oncol* 2017;38:94-5.

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