

## Retroperitoneal Mature Cystic Teratoma in a 3-month-old Infant: A Case Report and Literature Review

Sir,

I read the interesting case report by Tripathy *et al.* on the retroperitoneal mature cystic teratoma (RPMCT) in a 3-month-old Indian infant.<sup>[1]</sup> It is well-known that children with perinatal exposure to human immunodeficiency virus (HIV) are more vulnerable to various tumors compared to nonexposed counterparts.<sup>[2]</sup> To my knowledge, HIV infection is a worrisome health hazard in India. Although no recent data are yet present on the pediatric HIV seroprevalence, the available data pointed out to the substantial HIV seroprevalence rate of 1.03% among pregnant in India.<sup>[3]</sup> The HIV status of the mother of the studied infant was regrettably not determined. I presume that some form of vertical HIV transmission needed to be expected in the studied infant. Hence, contemplating the diagnostic battery of CD4 lymphocyte count and viral overload measurements was envisaged in the studied infant. If that diagnostic battery was conducted and it showed HIV infection, the case in question could be truly considered a novel case report in India. This is because HIV-associated RPMCT has never been reported in the pediatric literature so far.

### Financial support and sponsorship

Nil.

### Conflicts of interest

There are no conflicts of interest.

**Mahmood Dhahir Al-Mendalawi**

*Department of Paediatrics, Al-Kindy College of Medicine,  
University of Baghdad, Baghdad, Iraq*

*Address for correspondence:*

*Prof. Mahmood Dhahir Al-Mendalawi,  
Department of Paediatrics, Al-Kindy College of Medicine, University  
of Baghdad, PO Box 55302, Baghdad Post Office, Baghdad, Iraq.  
E-mail: mdalmendalawi@yahoo.com*

### References

1. Tripathy PK, Pattnaik K, Jena PK, Mohanty HK. Retroperitoneal mature cystic teratoma in a 3-month-old infant: A case report and literature review. *Indian J Med Paediatr Oncol* 2018;39:117-9.
2. Kest H, Brogly S, McSherry G, Dashefsky B, Oleske J, Seage GR 3<sup>rd</sup>, *et al.* Malignancy in perinatally human immunodeficiency virus-infected children in the United States. *Pediatr Infect Dis J* 2005;24:237-42.
3. Sibia P, Mohi MK, Kumar A. Seroprevalence of human immunodeficiency virus among antenatal women in one of the institute of Northern India. *J Clin Diagn Res* 2016;10:QC08-9.

This is an open access journal, and articles are distributed under the terms of the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 License, which allows others to remix, tweak, and build upon the work non-commercially, as long as appropriate credit is given and the new creations are licensed under the identical terms.

### Access this article online

Quick Response Code:



Website:

www.ijmpo.org

DOI:

10.4103/ijmpo.ijmpo\_34\_18

**How to cite this article:** Al-Mendalawi MD. Retroperitoneal mature cystic teratoma in a 3-month-old infant: A case report and literature review. *Indian J Med Paediatr Oncol* 2019;40:304.

©2019 Indian Journal of Medical and Paediatric Oncology | Published by Wolters Kluwer - Medknow