

Author Reply Re: Sharma PK, Panaiyadiyan S, Kurra S, Kumar R, Nayak B, Kaushal S, *et al.* Association of human papillomavirus in penile cancer: A single-center analysis. *Indian J Urol* 2022;38:210

We appreciate the author's interest in our recently published article on penile carcinoma (PeCa).^[1] Regarding the query on telomerase activity in the control group, we did not find any difference in the telomerase activity between high-risk human papillomavirus (HPV)-infected and uninfected controls. Our study findings of higher telomerase activity in PeCa cases, which is insignificant with HPV-positivity status signals, telomerase activity is unaffected by HPV infection once the carcinogenesis sets in. However, the telomerase activity in HPV-affected cancers increases with the severity of the disease.^[2] This was evident in the present study as the mean telomerase activity increased with the worsening of the tumor grade.

We also agree with the authors that further studies are warranted focussing on epigenetic alterations such as histone modifications, DNA methylation, and nonencoding RNAs after stratifying to different subtypes of PeCa for a better understanding of the role of HPV in PeCa.

**Prashant Kumar Sharma,
Sridhar Panaiyadiyan, Santosh Kurra, Raman
Kumar, Brusabhanu Nayak, Seema Kaushal,
Alpana Sharma,
Rajeev Kumar, Amlesh Seth,
Prabhjot Singh***

Department of Urology, Biochemistry and Pathology, All India
Institute of Medical Sciences, New Delhi, India
*E-mail: drprabhjotsingh@gmail.com

REFERENCES


1. Sharma PK, Panaiyadiyan S, Kurra S, Kumar R, Nayak B, Kaushal S, *et al.* Association of human papillomavirus in penile cancer: A single-center analysis. *Indian J Urol* 2022;38:210.
2. Katzenellenbogen R. Telomerase induction in HPV infection and oncogenesis. *Viruses* 2017;9:180.

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.

Received: 30.07.2022, **Accepted:** 05.09.2022, **Published:** 01.10.2022

Financial support and sponsorship: Nil.

Conflicts of interest: There are no conflicts of interest.

Access this article online	
Quick Response Code:	Website:
	www.indianjurol.com
	DOI:
	10.4103/iju.iju_273_22

How to cite this article: Sharma PK, Panaiyadiyan S, Kurra S, Kumar R, Nayak B, Kaushal S, *et al.* Author Reply Re: Sharma PK, Panaiyadiyan S, Kurra S, Kumar R, Nayak B, Kaushal S, *et al.* Association of human papillomavirus in penile cancer: A single-center analysis. *Indian J Urol* 2022;38:210. *Indian J Urol* 2022;38:330.

© 2022 Indian Journal of Urology | Published by Wolters Kluwer - Medknow