

Perceived cancer risk from colitis-related dysplasia varies by clinician

February 16 2022



(HealthDay)—Perceptions of cancer risk for colitis-associated dysplasia

vary widely among clinicians, according to a study published in the January issue of the *Journal of Crohn's and Colitis*.

Misha Kabir, M.B.B.S., from Imperial College London, and colleagues distributed a 15-item international online survey to 294 clinicians (gastroenterologists [93.5%] and colorectal surgeons) from 60 countries to examine understanding of [cancer](#) risk associated with [dysplasia](#) and management practices.

The researchers found that 23% of the respondents did not have access to high-definition chromoendoscopy. Compared with nonacademic workplaces, university hospitals were more likely to provide second expert histopathologist review (67 versus 46%) and formal multidisciplinary team meeting discussion (73 versus 52%) of dysplasia cases. There was variation from 0 to 100% observed in perceptions of five-year [cancer](#) risk associated with endoscopically unresectable low-grade dysplasia. Lower perceived cancer risks were predicted by nonacademic hospital affiliation.

Overall, 98.4 and 34.4% of respondents advised a [colectomy](#) for endoscopically unresectable visible high-grade dysplasia and unresectable visible low-grade dysplasia, respectively. Colectomy was more likely to be considered for multifocal low-grade dysplasia by respondents from university hospitals (odds ratio, 2.17). Continued surveillance was the preferred management over [colectomy](#) for clinicians working mainly in [private clinics](#) if invisible unifocal low-grade [dysplasia](#) was detected (odds ratio, 9.4) and was the least preferred management for those who had performed more than 50 surveillance [colonoscopies](#) (odds ratio, 0.41).

"This study highlights the need for further education and uptake of guideline recommendations," the authors write.

More information: Misha Kabir et al, Perception of Cancer Risk and Management Practice for Colitis-associated Dysplasia Is Influenced by Colonoscopy Experience and Workplace Affiliation: Results of an International Clinician Survey, *Journal of Crohn's and Colitis* (2021). DOI: [10.1093/ecco-jcc/jjab110](https://doi.org/10.1093/ecco-jcc/jjab110)

One author disclosed financial ties to the pharmaceutical industry.

Copyright © 2022 [HealthDay](#). All rights reserved.

Citation: Perceived cancer risk from colitis-related dysplasia varies by clinician (2022, February 16) retrieved 9 May 2024 from <https://medicalxpress.com/news/2022-02-cancer-colitis-related-dysplasia-varies-clinician.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--