

Respiratory syncytial virus infection with inflammatory bowel disease ups risk for hospitalization

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Adult patients with inflammatory bowel disease (IBD) and respiratory syncytial virus (RSV) infection have an increased risk for

hospitalization, according to a study [published](#) online in the August issue of the *American Journal of Gastroenterology*.

Ryan A. Smith, M.D., from University of Wisconsin in Madison, and colleagues sought to determine whether patients with IBD have an increased risk for a serious infection due to RSV. The analysis included data from 794 patients with IBD and 93,074 propensity-matched non-IBD patients with RSV.

The researchers found that the IBD-RSV cohort had an increased risk for hospitalization (adjusted odds ratio [aOR], 1.30; 95% confidence interval [CI], 1.06 to 1.59). There was no difference between the groups in the risk (aOR, 0.83; 95% CI, 0.58 to 1.19) for a composite outcome of hospitalization-related complications. There was an association between recent systemic corticosteroid use (less than three months) and an increased risk for hospitalization (aOR, 1.86; 95% CI, 1.30 to 2.59) in the IBD-RSV cohort.

"Adult patients with IBD and RSV infection are at an increased risk of hospitalization and may benefit from the new RSV vaccine recommended for adults aged 60 years and older," the authors write.

Several authors disclosed ties to the [pharmaceutical industry](#).

More information: Ryan A. Smith et al, Patients With Inflammatory Bowel Disease Are at Increased Risk of Hospitalization Due to Respiratory Syncytial Virus, *American Journal of Gastroenterology* (2024). [DOI: 10.14309/ajg.0000000000002682](https://doi.org/10.14309/ajg.0000000000002682)

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