

# Depression ups readmission odds for COPD exacerbation

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(HealthDay)—Depression is independently associated with increased risk of readmission for acute exacerbation of chronic obstructive pulmonary disease (COPD), according to a study published online Nov. 24 in the *Annals of the American Thoracic Society*.

Anand S. Iyer, M.D., from the University of Alabama at Birmingham, and colleagues characterized the association between depression and anxiety and COPD remission risk. Medical records were examined for 422 patients with a primary diagnosis of acute exacerbation of COPD admitted between November 2010 and October 2012. Factors associated with readmission were assessed at one year and within 30 and 90 days.

The researchers found that 132 patients were readmitted in one year. Readmitted patients had lower percent predicted forced expiratory

volume in one second ( $P = 0.05$ ) and higher frequency of depression ( $P$

"Depression is an [independent risk factor](#) for both short- and long-term readmissions for [acute exacerbation](#) of COPD and may represent a modifiable risk factor," the authors write. "In-hospital tobacco cessation counseling was also associated with reduced one-year readmission."

**More information:** [Full Text \(subscription or payment may be required\)](#)

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