

# Antidepressant does not reduce hospitalization, death for HF patients with depression

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In a study appearing in the June 28 issue of *JAMA*,  
Christiane E. Angermann, M.D., of University Hospital Wurzburg, Germany, and colleagues examined whether 24 months of treatment with the antidepressant escitalopram would improve mortality, illness, and mood in patients with chronic heart failure and depression. Provided by The JAMA Network Journals

Previous meta-analysis indicates that [depression](#) prevalence in patients with [heart failure](#) is 10 percent to 40 percent, depending on disease severity. Depression has been shown to be an independent predictor of mortality and rehospitalization in patients with heart failure, with incidence rates increasing in parallel with depression severity. Long-term efficacy and safety of selective serotonin reuptake inhibitors (SSRIs), which are widely used to treat depression, is unknown for patients with heart failure and depression.

For this study, 372 patients with chronic heart failure with reduced ejection fraction (a measure of heart function) and depression were randomly assigned to receive escitalopram or matching placebo in addition to optimal heart failure therapy. During a median participation time of 18.4 months (n = 185) for the escitalopram group and 18.7 months (n = 187) for the placebo group, the primary outcome of death or hospitalization occurred in 116 (63 percent) patients and 119 (64 percent) patients, respectively. There was no significant improvement on a measure of depression for patients in the escitalopram group.

"These findings do not support the use of escitalopram in [patients](#) with chronic systolic heart failure and depression," the authors write.

**More information:** *JAMA*, [DOI: 10.1001/jama.2016.7207](#)

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