

Memantine plus sertraline effective for major depressive disorder

November 7 2016



(HealthDay)—The combination of memantine plus sertraline is

efficacious for major depressive disorder, according to a study published online Nov. 3 in the *Journal of Clinical Pharmacy and Therapeutics*.

Meysam Amidfar, Ph.D., from the Tehran University of Medical Sciences in Iran, and colleagues recruited 66 outpatients with a diagnosis of moderate-to-severe major depressive disorder to participate in a [randomized trial](#). Sixty-two participants completed six weeks of treatment with memantine plus [sertraline](#) or placebo plus sertraline. The Hamilton Depression Rating Scale (HDRS) was used to evaluate patients at baseline and at weeks two, four, and six.

The researchers observed a significant time × treatment interaction on the HDRS score in repeated-measures analysis ($P = 0.007$). The memantine group had significantly greater improvement at all three follow-up sessions, and significantly greater response rates at weeks four and six. The memantine group also had significantly more early improvers and more rapid response to treatment. Both groups had a significant reduction in the HDRS score from baseline to the study end point (both P

"A six-week course of treatment with memantine as adjunct to sertraline showed a favorable safety and efficacy profile in patients with [major depressive disorder](#)," the authors write. "Nonetheless, larger controlled studies of longer duration are necessary to assess long-term safety, efficacy, and optimal dosing."

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

Copyright © 2016 [HealthDay](#). All rights reserved.

Citation: Memantine plus sertraline effective for major depressive disorder (2016, November 7)

retrieved 16 May 2023 from <https://medicalxpress.com/news/2016-11-memantine-sertraline-effective-major-depressive.html>

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.