Sulbutiamine

Mania: case report

A 61-year-old woman with a history of major depressive disorder developed mania while receiving sulbutiamine for asthenia.

The woman was admitted with psychomotor agitation, delusions, decreased sleep, increased talkativeness and psychomotor activity after receiving sulbutiamine for 17 days [route not stated]. Seven days prior to admission, she had started receiving sulbutiamine 400 mg/day, and her manic symptoms had developed after 3 days; her initial sulbutiamine dose of 200 mg/day had been increased due to lack of response. Examinations revealed a Global Impression for Illness score (CGI-I) of 6 and a Young Mania Rating Scale (YMRS) of 29.

Sulbutiamine was withdrawn, and the woman started receiving risperidone. Her manic symptoms improved 2 weeks later and completely resolved within 6 weeks. Her CGI-I and YMRS scores had decreased to 3 and 9, respectively. However, she decided to stop risperidone 6 months after her first manic attack. She experienced another manic episode, and she was subsequently diagnosed with bipolar I disorder.

**Author comment:** "The presentation of symptoms after increasing the dose of sulbutiamine... pointed out a possible sulbutiamine-induced manic attack."