Successful Treatment of Mania Secondary to Probable Major Neurocognitive Disorder with Lewy Bodies with Lithium
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DISCUSSION

We believe this is the first documented successful treatment of Mania secondary to NLB with lithium. There is strong evidence that lithium is neuroprotective & associated with lower rates of dementia when used in patients with bipolar disorder possibly due to effects on IP3, pGSK3β, BDNF, VEGF, and autophagy. Emerging evidence is pointing that lithium may also be beneficial in patients suffering from mild neurocognitive impairment who are not suffering from affective disorders. Lithium may be uniquely beneficial in alpha-synucleinopathies as lithium has been found to decrease the formation and increase the clearance of alpha-synuclein in dopaminergic mice neurons. Current treatments for psychiatric manifestations of NLB are poorly efficacious with significant side effects. To maximize therapeutic benefit and limit side effects, we propose that clinicians attempt treatment of psychiatric manifestations of NLB with lithium in the appropriate clinical context.

REFERENCES

3. See Footnote 1