Reviewer’s report

Title: ECT for manic state with mixed and psychotic features in a teenager with bipolar disorder and comorbid episodic OCD

Version: 1 Date: 01 Oct 2017

Reviewer: Q X Ng

Reviewer’s report:

Thank you for addressing the concerns raised and making the necessary corrections.

Some specific comments/minor suggestions:

- The statement that "mood stabilizers such as lithium show marginal efficacy in treating OCD symptoms" require citation(s) to back up the claim.

- Regarding her self-harm behaviour, "including self-harm by cutting her ankles", was there any suicidal intent? Note the adoption of the term nonsuicidal self-injury (NSSI) as a new diagnostic entity in section three of the fifth edition of the diagnostic and statistical manual.

- Please insert missing comma: "At the ward[,] compulsive behavior was noted".

- Please change "She was disinclined to further treatment with lithium" to "She did not wish to continue treatment with lithium".

- Please change "depressive ideations" to "depressive mood".

- Please change "further tapering of neuroleptics" to "further tapering of antipsychotics".

- Please change "was reconnected with the specialized outpatient care unit" to "was reviewed by the specialized outpatient care unit".

- "If a patient's symptoms continue to worsen while taking a specific mood stabilizer, it is advisable to consider an alternative treatment strategy, e.g. ECT." I agree that ECT is probably underutilized and often relegated as a last resort in this patient-group. However, there have been reports of ECT-induced mania or hypomania, and this should be at least briefly mentioned. See Saatcioglu O, Guduk M. Electroconvulsive therapy-induced mania: a case report. Journal of medical case reports. 2009 Nov 2;3(1):94; and Angst J, Angst K, Baruffol I, Meinherz-Surbeck R. ECT-Induced and Drug-Induced Hypomania. The Journal of ECT. 1992 Sep 1;8(3):179-85.

- Apart from concluding that there are "potential benefits in considering ECT in adolescent patients with severe mania where first-line treatment options have failed", the authors should add that more experience with ECT and research in this patient group is necessary and would help advance current knowledge of ECT.
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