Reviewer’s report

Title: Pulseless Electrical Activity During Electroconvulsive Therapy: A Case Report

Version: 2 Date: 7 February 2012

Reviewer: Tom K Birkenhäger

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My comments:

1. Abstract (pg 1): please replace “depression” for “major depression”
2. Introduction (pg2): refs 4, 5 are very old, please update.
3. Pg 2: I find the abbreviations PEA and PE confusing, in order to increase the readability of the paper write one of those terms in full.
4. Pg 2: did the patient actually use 3 antidepressants simultaneously? Please comment.
5. Pg 2, bottom line, what is meant by“ a week into her admission” ?
6. Pg 3. It seems unusual to give a patients length in inches.
7. Pg 3. How was the dosing of the stimulus? It appears very remarkable that it was necessary to give 5 stimuli, especially in RUL ECT>
8. Pg 3. The patient only received one ECT session, which is almost always insufficient for remission of major depression. Was continuation of the ECT course considered (especially since she had a cava filter)?
9. Pg 4, Discussion: please add Bradycardia and cardiac arrest can also occur after succinylcholine, prior to ECT (refs: Birkenhäger et al, J ECT 2010; Russ & Bailine, J ECT 2004)

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.