Reviewer's report

Title: Unilateral versus bilateral thyroarytenoid Botulinum toxin injections of in adductor spasmodic dysphonia

Version: 1 Date: 11 November 2008

Reviewer: paula casserly

Reviewer's report:

Major Compulsory Revisions
How was the diagnosis of ADSD reached - the author just mentions it occured in a joint laryngology-neurology clinic?
The study includes patients who received five consecutive unilateral or bilateral injections? Does this mean that outside of these five injections that no patient crossed-over treatment regieme? Are these five injections recorded from the first ever botulinum toxin injection that each patient received and how is the initial dose and side per patient determined.
Are the two groups matched in terms of duration of symptoms, number of previous injections and dose?

Discretionary Revisions
Does the inclusion of the 10 poiny neurophysiological scale add to the study as it is not a measured end-point. The author mentions a potential problem with recall bias - what was the time frame between injection and questionnaire?

Minor Essential Revisions

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

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:
I declare that I have no competing interests