

Peer Review File

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Reviewer A

Comment 1: A sample size of at least 50-100 participants is generally recommended for validation. Would authors be considered to increase the sample size?

Reply 1: A prior power calculation suggested a significantly higher number of patients would be recommended however due to this being a single-centered study and the number of actual patients available for treatment being far less than this it was not possible.

Changes in text: In discussion I have highlighted the need for future use of significantly higher numbers of patients which would require a longer time period for the study and multi-centered/regional approach to acquiring patients.

Comment 2: Patients at 1 week after Btx injection and 12 weeks would have different rating score. Will authors consider to share the protocol of recording timepoint?

Reply 2: For the study due to time constraints, it was imperative to re-test those patients who usually require reinjection with Botox-A at roughly the 3-month time point as this is assumed to be when symptoms return, and reinjection is required. It is the point at which reinjection is required that we use to assess disability with the patient questionnaires. We therefore opted to only retest those patients who usually require their Botox-A at the 3-month interval and who did come back within that timeframe. Some patients who did not require their Botox-A at 3 months were not included in the test-retest calculation.

Changes in text: In the discussion I have clarified the above.

Reviewer B

Comment 1: We regret the few number of patients involved in the study.

Reply 1: A prior power calculation suggested a significantly higher number of patients would be recommended however due to this being a single-centered study and the number of actual patients available for treatment being far less than this it was not possible.

Changes in text: In discussion I have highlighted the need for future use of significantly higher numbers of patients which would require a longer time period for the study and multi-centered/regional approach to acquiring patients.