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TIMING OF REPEAT BOTULINUM TOXIN A INJECTIONS FOR DETRUSOR OVERACTIVITY: PATIENTS' PERSPECTIVE

Hypothesis / aims of study
Repeated intradetrusor Botulinum toxin A injections are considered safe and effective for recurrence of detrusor overactivity symptoms. Currently, there are no guidelines regarding the recommended interval between re-injections. We conducted a survey of patients' views about the timing of repeat Botulinum toxin A injections.

Study design, materials and methods
Patients who underwent multiple Botox A injections in our centre were sent questionnaires by post. The questionnaires focused on patients' opinions with respect to the timing of their repeat injections. Returned questionnaires were evaluated for parameters including age, sex, number of injections, onset and maximal symptom recurrence, and the supplementary taking of anti-cholinergic medication upon symptom return.

Results
Out of 25 questionnaires sent, we received 18 completed responses, 15 female and 3 male. 12 and 5 patients (67% and 28%) had 2 and 3 previous injections respectively. 6 (33%) had symptom recurrence within 3 months, 7 (39%) between 4-9 months and 5 (28%) after 9 months. Anti-cholinergics were commenced in 28% patients at the onset of symptom recurrence. 12 out of 18 responded that they would like repeat injections as soon as the symptoms return.

Interpretation of results
67% of patients preferred to have their repeat injections at the onset symptom recurrence, whilst a further 22% had no preference. Only one person stated they would prefer to wait until their recurrent symptoms had reached a peak prior to receiving further injections.

Concluding message
Re-injection of Botulinum toxin A at the time of initial symptom recurrence is preferred by most patients. Consideration should be given to open access clinic slots for these patients to allow more efficient re-listing if required.

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Is this a clinical trial?	**No**
What were the subjects in the study?	**HUMAN**
Was this study approved by an ethics committee?	**No**
This study did not require ethics committee approval because	**NONE needed.**
Was the Declaration of Helsinki followed?	**No**
This study did not follow the Declaration of Helsinki in the sense that	**NONE needed.**
Was informed consent obtained from the patients?	**No**