

Management of Chronic Daily Headache with Focus on Botulinum Toxin Type

Nigora Kadyrkhodjayeva^{1*}

¹Tashkent Medical Academy, Uzbekistan



Abstract

Goal: The purpose of the study was to review the efficacy, safety and tolerability of botulinum toxin A (BTX-A) as a prophylactic treatment in adults with chronic daily headache (CDH).

Material and methods: The study involved 100 patients with CDH comparing between two groups of patients. Group I, 54 patients (31 women and 23 men) treated by BTX-A, and group II, 46 patients (27 women and 21 men) treated with the classical method, with an average age of 35 ± 9 years.

Results: After 3 months headache severity in group I: 2 (3,7%) patients had no changes, 7 (12,9%) patients with less than 50 percent reduction in pain, 23 (42,6%) reported 70 to 95 percent pain relief, and 22 (40,8%) had complete relief. Group II: 12 (26,1%) patients had no changes, 16 (34,8%) patients with less than 50 percent reduction in pain, 10 (21,7%) reported 70 to 95 percent pain relief, and 8 (17,4%) had complete relief. The mean change from baseline frequency of headaches ranged from 3 ± 1 headaches per 30-day period in group I and 7 ± 2 headaches in group II. This enhancement in catalytic performance was, however, more significant in the case of rod-shaped ceria.

Conclusion: In this study, BTX-A injections have been shown to be safe, well-tolerated, not any treatment-related serious adverse events reported. BTX-A injections recommended optimizing clinical outcomes for patients with CDH without using other prophylactic medications.



Biography:

Nigora Kadyrkhodjayeva was born in Tashkent, Uzbekistan. She obtained her Bachelor's degree in Medicine from the Tashkent Medical Academy in 2006 and completed her residency of Neurology at Tashkent Institute of Postgraduate Medical Education in 2009. From 2006 till 2007 she was studying Psychiatry and Psychotherapeutics at the Tashkent Institute of Postgraduate Medical Education. Nigora has more than 10 years' experience in Neurology.

Speaker Publications:

1. Kadyrkhodjayeva N (2017) "A new look at the problem of Tension type headache and its treatment methods". *New day in Medicine* 2 (18): 38.
2. Prokhorova A, Kadyrkhodjayeva N (2017) "Use of Botulotoxin type A in the treatment of primary headache". *Journal of research in health science* 1(1): 50.
3. Prokhorova A, Kadyrkhodjayeva N (2018) "Optimization of management of primary chronic headache with the use of botulotoxin A". *EuroSciCon Conference on Neurology & Neurological Disorders*.
4. Prokhorova A, Kadyrkhodjayeva N (2019) "Botulotoxin therapy of patients with primary chronic headaches" (Review).
5. Kadyrkhodjayeva N, Prokhorova A (2019) "Use of botulinum toxin type A to optimize the treatment of primary chronic headaches" *Clinical Practice Guideline, Uzbekistan*.

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