

**Appendix 1.** Protocol for systematic review according to PRISMA-P

<b>Title</b>	The Use of Botulinum Toxin A in the Management of Trigeminal Neuralgia: a Systematic Literature Review
<b>Introduction</b>	
<b>Aim</b>	The purpose of this article is to systematically review the use, efficacy, differences between BT-A doses and side effects of BT-A therapy in patients with TN
<b>Tasks</b>	To evaluate the efficacy and side effects of BT-A in the patients with TN. To find differences between BT-A doses in the patients with TN. To discover the length of effect of BT-A therapy in the patients with TN.
<b>Methods</b>	
<b>Eligibility criteria</b>	PICOS: P - Patients: individuals with trigeminal neuralgia; I - Intervention: Botulinum toxin A; C- Comparison: saline (NaCL) as a placebo; O - Outcome: presence or absence or reduction of pain; S - Study design: randomized, double-blind, placebo controlled trials
	Inclusion criteria: - Studies of patients with trigeminal neuralgia - Studies of comparison between BT-A and saline - Randomized, double-blind, placebo controlled trials - Studies between Jan 2010 - Feb 2020 - Studies with the amount of more than 20 individuals - Studies in English language - Studies in which VAS was present - Studies on humans - Full-text article studies
	Exclusion criteria: - Studies on animals, not on humans - Prospective studies, abstracts, discussions, literature reviews and systematic reviews - Studies which include postherpetic trigeminal neuralgia - Studies which include neuropathic pains, with not mentioned TN
<b>Information sources</b>	Electronic databases: PubMed and Cochrane library. Keywords: trigeminal neuralgia, trigeminal nerve, botulinum A toxin, botulinum neurotoxin A. Time period: January 2010 - February 2020.
<b>Study selection</b>	Searching by entering the keywords in a few combinations and according to chosen inclusion criteria Screening with exclusion of duplicates Eligibility according to exclusion criteria Including only relevant articles
<b>Outcomes and prioritization</b>	Assessing success of BT-A therapy in patients with Trigeminal neuralgia, difference in dosages and side effects.

BT-A = botulinum toxin type A; TN = trigeminal neuralgia.