

BOTULINUM TOXIN: FROM KILLER TO HEALER – A REVIEW

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ABSTRACT

Botulinum toxin (BT) which once created a chaos in the world of medicine due to its life threatening effects, is now been utilized for an array of cosmetic and therapeutic purposes. In addition to its well renowned cosmetic uses, BT has a very important role to play in disciplines like removable prosthodontics, orthodontics and implant therapy. It provides for a non-surgical and minimally invasive treatment of various disorders associated with the muscles of the head and neck and temporomandibular joint like myofascial pain dysfunction syndrome and bruxism. The purpose of this article is to review the molecular structure, mechanism of action and clinical uses of of BT in dentistry.

Key Words: Botulinium Toxin, Botox, Temporomandibular Muscle Disorders, Masticatory muscle Hypertrophy, Gummy smile