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The use of botulinum toxin as a resource for the dental practice

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Botulinum toxin is a neurotoxin widely used in dental, medical and cosmetic treatments. It is a prescription medicine that is injected into muscles to treat and control a number of unwanted consequences from muscle activity, like hypertrophy, stiffness, hyperactivity, etc. As a differential diagnostic tool, botulinum toxin can be applied into the muscles of mastication to identify the source of reflex and idiopathic oro-facial pain. As a therapeutic resource, many applications can be found in literature-PubMed, Dental Clinics of North America, ClinicalKey, Springer-both for muscle activity and gland management. FDA has approved botulinum toxin for several treatments since 2002, based on highly detailed clinical studies done over the course of more than 40 years. Because of its pharmacological features and physiological functions, botulinum toxin is a medication that makes a great resource for the dental practice.

Biography

Patricia Oyole-Maal has completed her Master's in Healthcare Management at the University of Miami in 2010, after completing a Residency in Oral and Maxillo-Facial Surgery in Brazil in 2001, which granted her the title of Oral Surgeon. She is the Dental Research Coordinator at Larkin Community Hospital, the largest school-hospitals in FL, and also a Professor for Head and Neck Anatomy at MARC Institute in Miami, FL.

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