

International Conference on

Pain Research & Management

October 03-04, 2016 Vancouver, Canada

Evaluation of using botulinum toxin (A) in the treatment of myofascial pain syndrome

Ali El Deeb

Tanta University, Egypt

Myofascial pain syndrome (MPS) is a disorder which has become a topic over the past two decades and now. 10 patients (9 female and 1 male) complaining of unilateral MPS were injected with botulinum toxin type A (BTX-A) in masseter and temporalis muscles extra orally under electromyographic guidance (EMG), since they are the primary muscles responsible for pain in ear region and temporal headache, respectively, which cause limitation of mandibular movement and development of MPS. EMG evaluations of the results together with clinical one were taken at baseline before injection, after 1, 2, 3 and 6 months following the last injection. The study revealed that BTX-A reduced the severity of symptoms and improve functional abilities for patients with MPS and these extend beyond its muscle relaxing effects.

Biography

Ali El Deeb has completed his MD from Tanta University and Post-doctoral studies from Tanta University, Faculty of Medicine. He is the Supervisor of Physical Medicine, Rheumatology and Rehabilitation in new Tanta University Hospital. He is also a Reviewer for *Tanta Medical Journal*. He has published many papers in the reputed.

dr_alideeb@yahoo.com

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