Teaching Video NeuroImage: Disabling Jaw Clonus in a Bulbar-Onset ALS Patient Successfully Treated With Botulinum Toxin

Author(s):
Miguel Oliveira Santos, MD1,2; Miguel Schön, MD1; Anabela Valadas, MD1; Mamede de Carvalho, MD, PhD1,2

Corresponding Author:
Miguel Oliveira Santos, migueloliveirasantos@hotmail.com

Affiliation Information for All Authors: 1 - Department of Neurosciences and Mental Health, Hospital de Santa Maria, Centro Hospitalar Universitário Lisboa Norte, Lisbon, Portugal. 2 - Institute of Physiology, Instituto de Medicina Molecular-JLA, Faculdade de Medicina, Universidade de Lisboa, Lisbon, Portugal.

Equal Author Contribution:
Miguel Oliveira Santos and Miguel Schon contributed equally to this work.

Contributions:
Miguel Oliveira Santos: Drafting/revision of the manuscript for content, including medical writing for content; Major role in the acquisition of data; Study concept or design; Analysis or interpretation of data; Additional contributions: - - - Schön - - Anabela Valadas - - Mamede de Carvalho
Miguel Schön: Drafting/revision of the manuscript for content, including medical writing for content; Major role in the acquisition of data; Study concept or design; Analysis or interpretation of data; Additional contributions: - - Oliveira Santos - - - Anabela Valadas - - Mamede de Carvalho
Anabela Valadas: Drafting/revision of the manuscript for content, including medical writing for content; Major role in the acquisition of data; Study concept or design; Analysis or interpretation of data; Additional contributions: - - Miguel Oliveira Santos - - Miguel Schön - - - Mamede de Carvalho
Mamede de Carvalho: Drafting/revision of the manuscript for content, including medical writing for content; Major role in the acquisition of data; Study concept or design; Analysis or interpretation of data; Additional contributions: - - Miguel Oliveira Santos - - Miguel Schön - - Anabela Valadas -

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Jaw clonus is a rare neurological finding associated with supranuclear lesions of the trigeminal nerve. It is rare in amyotrophic lateral sclerosis (ALS) [1]. We describe a 63-year-old ALS patient who presented with a disabling and sustained jaw clonus, reduced by mouth resting and elicited by mouth opening (video-1). Association of baclofen (25 mg/3id), tizanidine (2 mg/id) and benzodiazepine treatments were ineffective. Onabotulinum toxin A injections were administered into temporal (13 units) and masseter (25 units) muscles, bilaterally. She experienced a complete relief of her symptom up to 4-5 months, with no side-effects (video-2). She confirmed quality of life improving.
References


Video Title
A disabling and sustained jaw clonus before (video-1) and 4 months after onabotulinum toxin A treatment (video-2).
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