A 42-year-old woman presented with left facial sweating whenever she ate. Symptoms started 6 months after surgery for a benign left parotid tumor. The Minor starch-iodine test was performed, revealing areas of abnormal sweating (figure 1). Two weeks following intradermal injection of botulinum toxin targeting areas of hyperhidrosis, symptoms resolved and repeat Minor test revealed resolution of abnormal sweating (figure 2). Gustatory sweating is caused by abnormal innervation of facial sweat glands by sprouting parasympathetic fibers following an injury to auriculotemporal nerve. The distribution can be patchy, making the Minor test essential to accurately target the involved area.

**Author contributions**
A. Shcherbina: drafting/revising the manuscript, data acquisition, accepts responsibility for conduct of research and final approval, contribution of vital reagents/tools/patients, acquisition of data, study supervision. E. Sader: drafting/revising the manuscript, analysis or interpretation of data, accepts responsibility for conduct of research and final approval, study supervision.
Study funding
No targeted funding reported.

Disclosure
The authors report no disclosures relevant to the manuscript. Go to Neurology.org/N for full disclosures.

Reference

Figure 2 Repeat Minor test, after treatment

Obtained after the patient chewed gum for 1 minute.
Teaching NeuroImages: Frey syndrome
Anton Shcherbina and Elie Sader
DOI 10.1212/WNL.0000000000008530

This information is current as of November 18, 2019

Updated Information & Services
including high resolution figures, can be found at:
http://n.neurology.org/content/93/21/e1993.full

References
This article cites 1 articles, 0 of which you can access for free at:
http://n.neurology.org/content/93/21/e1993.full#ref-list-1

Subspecialty Collections
This article, along with others on similar topics, appears in the following collection(s):
All Clinical Neurology
http://n.neurology.org/cgi/collection/all_clinical_neurology
Cranial neuropathy
http://n.neurology.org/cgi/collection/cranial_neuropathy
Other Education
http://n.neurology.org/cgi/collection/other_education
Peripheral nerve trauma
http://n.neurology.org/cgi/collection/peripheral_nerve_trauma

Permissions & Licensing
Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:
http://www.neurology.org/about/about_the_journal#permissions

Reprints
Information about ordering reprints can be found online:
http://n.neurology.org/subscribers/advertise

Neurology® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright © 2019 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.