A 41-year-old woman presented with progressive fluctuating lower limb weakness, urinary incontinence, and dry eyes and mouth. Physical examination revealed proximal flaccid tetraparesis (Medical Research Council 4). The patellar reflex was absent, but with postexercise facilitation (video 1). Eyelid and eye movements were normal. Electroneuromyography revealed a presynaptic neuromuscular junction disorder (figure). Antibodies to anti-voltage-gated calcium channels were positive. Periodic cancer screening, including whole-body FDG-PET, was negative during 2 years of follow-up. These findings were consistent with non-paraneoplastic Lambert-Eaton myasthenic syndrome. The patient had a good response to IV immunoglobulin. The presence of ascending muscle weakness, autonomic dysfunction, and postexercise facilitation of reflexes should raise suspicion for the diagnosis.

Study Funding
The authors report no targeted funding.

*These authors contributed equally to this work.

From the Department of Neurology (A.E.C.-F., E.d.P.E., C.O.H., E.Z.), Faculdade de Medicina da Universidade de São Paulo; and Department of Neurology (E.d.P.E.), Faculdade de Medicina Santa Marcelina, São Paulo, Brazil.

Go to Neurology.org/N for full disclosures. Funding information and disclosures deemed relevant by the authors, if any, are provided at the end of the article.
Disclosure
The authors report no disclosures relevant to the manuscript. Go to Neurology.org/N for full disclosures.

Appendix Authors

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antonio Edvan Camelo-Filho, MD</td>
<td>Universidade de São Paulo, Brazil</td>
<td>Case report project (conception, organization, execution), writing of the first draft, review and critique</td>
</tr>
<tr>
<td>Eduardo de Paula Estefhan, MD, PhD</td>
<td>Universidade de São Paulo; Faculdade de Medicina; Santa Marcelina, São Paulo, Brazil</td>
<td>Case report project (conception, organization, execution), writing of the first draft, review and critique</td>
</tr>
<tr>
<td>Carlos Otto Heise, MD, PhD</td>
<td>Universidade de São Paulo, Brazil</td>
<td>Electrophysiology study report, writing of the final draft, final review and critique</td>
</tr>
<tr>
<td>Edmar Zanoteli, MD, PhD</td>
<td>Universidade de São Paulo, Brazil</td>
<td>Case report project (conception, organization, execution), writing of the final draft, final review and critique</td>
</tr>
</tbody>
</table>

Reference
Teaching Video NeuroImage: Reflex Facilitation in Lambert-Eaton Myasthenic Syndrome
Antonio Edvan Camelo-Filho, Eduardo de Paula Estephan, Carlos Otto Heise, et al.
Neurology 2021;97:e1168-e1169 Published Online before print May 26, 2021
DOI 10.1212/WNL.0000000000012180

This information is current as of May 26, 2021

Updated Information & Services
Including high resolution figures, can be found at:
http://n.neurology.org/content/97/11/e1168.full

References
This article cites 1 articles, 0 of which you can access for free at:
http://n.neurology.org/content/97/11/e1168.full#ref-list-1

Subspecialty Collections
This article, along with others on similar topics, appears in the following collection(s):
Clinical neurology examination
http://n.neurology.org/cgi/collection/clinical_neurology_examination
EMG
http://n.neurology.org/cgi/collection/emg
Lambert-Eaton syndrome
http://n.neurology.org/cgi/collection/lambert_eaton_syndrome
Myasthenia
http://n.neurology.org/cgi/collection/myasthenia

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 © 2021 American Academy of Neurology. All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.