Transient ocular tilt reaction and Tullio phenomenon
A rare association

Following a whiplash injury, a previously healthy 33-year-old man complained of altered hearing in his right ear. While humming, he noticed a disturbing transient impression of environment tilt and dizziness. Neuro-ophthalmic examination was normal, except while humming (video on the Neurology® Web site at Neurology.org). Ear, nose, and throat examination and skull CT were unrevealing.

Ocular tilt reaction (OTR) is an eye-head synkinesis (skew deviation, conjugate ocular torsion, and head tilt) resulting from a lesion or a stimulation of either the graviceptive pathways or otoliths.1 Tullio phenomenon refers to vestibular symptoms induced by sounds.2 Our patient exhibited a transient left OTR during humming, which resulted most likely from right utricular hyperactivity.

François Thommen, MD, François-Xavier Borruat, MD
From the Ophthalmology Department, Jules-Gonin Eye Hospital, University of Lausanne, Switzerland.

Author contributions: François Thommen: drafting/revising the manuscript, accepts responsibility for conduct of research and final approval. François-Xavier Borruat: drafting/revising the manuscript, accepts responsibility for conduct of research and final approval, acquisition of data.

Study funding: No targeted funding reported.

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

Correspondence to Dr. Borruat: francois.borruat@fa2.ch


WriteClick® rapid online correspondence

The editors encourage comments about recent articles through WriteClick:

Go to Neurology.org and click on the “WriteClick” tab at the top of the page. Responses will be posted within 72 hours of submission.

Before using WriteClick, remember the following:

• WriteClick is restricted to comments about studies published in Neurology within the last eight weeks
• Read previously posted comments; redundant comments will not be posted
• Your submission must be 200 words or less and have a maximum of five references; reference one must be the article on which you are commenting
• You can include a maximum of five authors (including yourself)
Transient ocular tilt reaction and Tullio phenomenon: A rare association
François Thommen and François-Xavier Borruat

*Neurology* 2015;84;2291
DOI 10.1212/WNL.0000000000001649

This information is current as of June 1, 2015

<table>
<thead>
<tr>
<th>Updated Information &amp; Services</th>
<th>including high resolution figures, can be found at: <a href="http://n.neurology.org/content/84/22/2291.full">http://n.neurology.org/content/84/22/2291.full</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplementary Material</td>
<td>Supplementary material can be found at: <a href="http://n.neurology.org/content/suppl/2015/05/30/WNL.0000000000001649.DC1">http://n.neurology.org/content/suppl/2015/05/30/WNL.0000000000001649.DC1</a></td>
</tr>
<tr>
<td>References</td>
<td>This article cites 2 articles, 0 of which you can access for free at: <a href="http://n.neurology.org/content/84/22/2291.full#ref-list-1">http://n.neurology.org/content/84/22/2291.full#ref-list-1</a></td>
</tr>
<tr>
<td>Subspecialty Collections</td>
<td>This article, along with others on similar topics, appears in the following collection(s):</td>
</tr>
<tr>
<td></td>
<td>Ocular motility <a href="http://n.neurology.org/cgi/collection/ocular_motility">http://n.neurology.org/cgi/collection/ocular_motility</a></td>
</tr>
<tr>
<td></td>
<td>Vertigo <a href="http://n.neurology.org/cgi/collection/vertigo">http://n.neurology.org/cgi/collection/vertigo</a></td>
</tr>
<tr>
<td>Permissions &amp; Licensing</td>
<td>Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at: <a href="http://www.neurology.org/about/about_the_journal#permissions">http://www.neurology.org/about/about_the_journal#permissions</a></td>
</tr>
<tr>
<td>Reprints</td>
<td>Information about ordering reprints can be found online: <a href="http://n.neurology.org/subscribers/advertise">http://n.neurology.org/subscribers/advertise</a></td>
</tr>
</tbody>
</table>