Reviewer's report

Title: Compensatory quadrant-hyperhidrosis after contralateral intrathoracic surgery: a case report

Version: 3 Date: 21 September 2012

Reviewer: Marco Antonio Munia

Which of the following following best describes what type of case report this is?: An unexpected event in the course of observing or treating a patient

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

This is an interesting report, however the discussion deserves to be improved. Regarding the origin of sweating, it is compensation for possible damage on the sympathetic chain, more often the stellate ganglion.

According to an article by Chou et al (2006), in the high section of the chain, as occurs in the T2 level, the negative stimulus of all ganglia is destroyed.

Without the negative feedback, the hypothalamus increases the stimulation of sweat. Other areas start to produce sweat on a larger scale. It deserves to be better presented in this article.

A further discussion can be on oral treatment.

The articles about Oxibutynin by Wolosker et al, have shown good results in
systemic treatment, which should also be discussed.

**Quality of written English:** Acceptable

**Declaration of competing interests:**

I do not have competing interests.