Teaching Video NeuroImages: Complicated scapular winging

Scapular winging (SW) is a common sign in neuromuscular disorders. Besides “pure” phenotypes due to single muscle weakness often secondary to nerve injuries or dysfunctions,1,2 the phenotype can be complicated when a combination of different scapular fixators is involved by a myopathy. We show an example of 2 sisters with facioscapulohumeral muscular dystrophy (video 1 on the Neurology® Web site at www.neurology.org). In patient 1, the SW is caused by an isolated trapezius weakness. Conversely, in patient 2, the left SW can be attributed on clinical grounds to a combined serratus anterior and trapezius weakness. Both hypotheses are confirmed by muscle MRI (figure 1).

Figure 1 Upper limb muscle MRI, T1-weighted sequences of the 2 sisters


AUTHOR CONTRIBUTIONS
M. Monforte and G. Tasca designed the study and drafted the manuscript. E. Ricci and E. Iannaccone collected the data and revised the manuscript for intellectual content.

STUDY FUNDING
No targeted funding reported.

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

REFERENCES

From the Institute of Neurology (M.M., E.I., E.R.), Catholic University School of Medicine, Rome; and Don Carlo Gnocchi Ondus Foundation (G.T.), Milan, Italy.
Teaching Video NeuroImages: Complicated scapular winging
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Neurology 2013;81:e95
DOI 10.1212/WNL.0b013e3182a4a4e6

This information is current as of September 16, 2013

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