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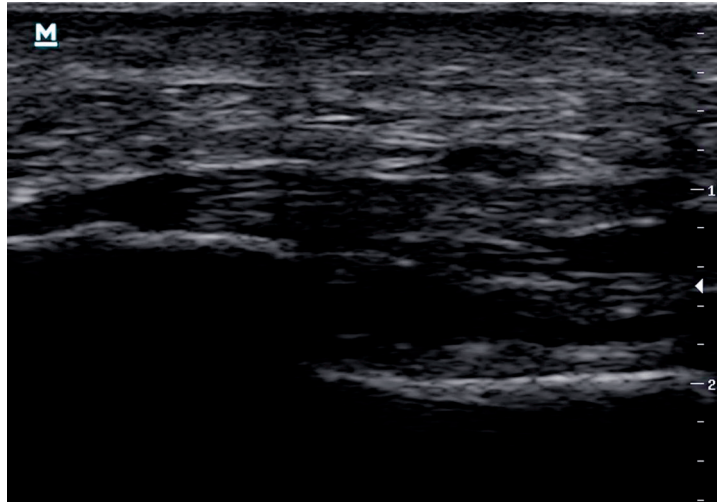
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**Manuscripts published in electronic format:** Teasell R, Bhogal SK, Foley N. Painful hemiplegic shoulder. Evidence-Based Review of stroke rehabilitation. 2006. Available from: [http://www.scribd.com/doc/6281057/](http://www.scribd.com/doc/6281057/Evidence-Based-Review-of-Stroke-Rehab) Evidence-Based-Review-of-Stroke-Rehab.

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