



## Comment on “Does the position of shoulder immobilization after reduced anterior glenohumeral dislocation affect coaptation of a Bankart lesion? An arthrographic comparison.” by Momenzadeh OR et al.

John W. Sperling<sup>1</sup>

Published online: 22 October 2015

© The Author(s) 2015. This article is published with open access at [Springerlink.com](http://Springerlink.com)

The authors present a very interesting article [1] that compares the position of the arm in immobilization after anterior dislocation. Anterior glenohumeral instability is a common problem, and therefore this study has the potential for significant and widespread impact. In the past, anterior dislocations were routinely treated with a sling and the arm in an internally rotated position. There have been a few reports noting the potential for improved healing of the Bankart lesion if the arm is placed in external rotation. However, there has been minimal magnetic resonance imaging data on the true anatomic impact of different immobilization positions.

The investigators are to be congratulated on a well-organized study. The results of this investigation clearly demonstrate that the externally rotated group had decreased separation, displacement, and opening angle compared to the internally rotated group. One caveat of the study is that some patients may have discomfort with the externally rotated position and may not be able to tolerate this

treatment. Overall the methodology is very sound and the results are important for those treating patients with shoulder disorders.

**Open Access** This article is distributed under the terms of the Creative Commons Attribution 4.0 International License (<http://creativecommons.org/licenses/by/4.0/>), which permits unrestricted use, distribution, and reproduction in any medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made.

### Reference

1. Momenzadeh OR, Pourmokhtari M, Sefidbakht S, Vosoughi AR (2015) Does the position of shoulder immobilization after reduced anterior glenohumeral dislocation affect coaptation of a Bankart lesion? An arthrographic comparison. *J Orthop Traumatol* 2015 (epub ahead of print)

---

✉ John W. Sperling  
[sperling.john@mayo.edu](mailto:sperling.john@mayo.edu)

<sup>1</sup> Department of Orthopedic Surgery, Mayo Clinic, Rochester, MN, USA