

Format for ANSWERING REVIEWERS

April 17th, 2015

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: Bony Instability - Updated 17631.doc).

Title: Effect of Bone Loss in Anterior Shoulder Instability

Author: Grant H Garcia, Joseph N Liu, David M Dines, Joshua S Dines

Name of Journal: *World Journal of Orthopedics*

ESPS Manuscript NO: 17631

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

Reviewer Comment	Author Response	Text Changes
Reviewer # 1		
Eden-Hybinette's procedure is misspelled (Eden-Hynette in manuscript)	Thank you for the correction all misspelling have been adjusted	see manuscript
for arthroscopy measurement the authors should provide Figure with detailed explanation on the figure how to measure the size of the defect	this has been added as the new figure 3 with a description in the fig legends	see lines 831-835 and figure 3
Figure 6 should be of better quality with more marks and details. It is over simplified	The image quality has been updated, more details have been added	see figure 6
Reviewer # 2		
Page 4, lines 87-88. Please explain about type 1 and type 2 of Bigliani's classification	this classification has been further described as suggested	see lines 105-110
Figure 2. Please explain in more detail about how to calculate the defect and about each figure	This has been better clarified	see lines 223-226 & figure legend for 2 (line 826-829)

Reviewer # 3		
<p>The authors should include the following article when commenting on open versus arthroscopic bankart repair as it is more recent and a higher level of evidence than the studies currently cited Archives of Orthopaedic and Trauma Surgery April 2015, Volume 135, Issue 4, pp 529-538 Date: 06 Mar 2015 Effectiveness and safety of arthroscopic versus open Bankart repair for recurrent anterior shoulder dislocation: a meta-analysis of clinical trial data. Long Chen, Zhao Xu, Jing Peng, Fei Xing, Hong Wang, Zhou Xiang</p>	<p>This article has been added to the manuscript</p>	<p>Lines 260-264</p>
<p>Although the authors raise concern about loss of ER following remplissage I think that the message they portray does not convey that effectively this restriction can end a throwing athletes career and the implications of this loss of ROM should be seriously considered prior to undertaking the procedure. The following article more clearly defines this The Effect of the Remplissage Procedure on Shoulder Range of Motion: A Cadaveric Study. Rei Omi, M.D., Ph.D.a, Alexander W. Hooke, M.A.a, Kristin D. Zhao, Ph.D.a, Tomoya Matsushashi, M.D., Ph.D.a, Akira Goto, M.D., Ph.D.a, Nobuyuki Yamamoto, M.D., Ph.D.b, John W. Sperling, M.D.a, Scott P. Steinmann, M.D.a, Eiji Itoi, M.D., Ph.D.b, Kai-Nan An, Ph.D.a, , Arthroscopy: The Journal of Arthroscopic & Related Surgery. Volume 30, Issue 2, February 2014, Pages 178–187</p>	<p>Thank you for the another source for ER loss, this has been included. Additionally a line was added with regards to the Throwing athletes and the implications of this procedure.</p>	<p>Lines 466-470</p>
<p>Another weakness of this article is that it considers glenoid and humeral bone deficiencies almost as independent entities whereas in clinical practice they frequently occur together. However Aciero et al have recently published on this specific topic also The Effect of a Combined Glenoid and Hill-Sachs Defect on Glenohumeral Stability: A Biomechanical Cadaveric Study Using 3-Dimensional Modeling of 142 Patients. Robert A. Arciero, MD*,?, Anthony Parrino, MD?, Andrew S. Bernhardson, MD, LT, MC, USN?, Vilmaris Diaz-Doran, MS, BMe?, Elifho Obopilwe, MS, BMe?, Mark P. Cote, DPT, MSCTR?, Petr Golijanin, BS§, Augustus D. Mazzocca, MD, MS? and Matthew T. Provencher, MD, CDR, MC, USNR§ Am J Sports Med March 20, 2015 0363546515574677</p>	<p>Excellent point. This has been added in a separate section titled combined lesions</p>	<p>Lines 157-169</p>

Reviewer # 4		
But there are some capital letters in reference that should be corrected. In addition, I think that the bold letters for figures should be changed to regular letters. Thanks.	Thank you for the suggestions all corrections have been made	see paper and references
Reviewer # 5		
Reviewer's comments - This is a beautifully written review article on bony instabilities of the shoulder joint. The number of articles reviewed and the scientific content is quite satisfactory. It will be very beneficial for the readers, particularly the younger surgeons. The only issue that i would like to point out is that, in such a comprehensive article it would be desirable to present few per-operative photographs of the critical surgical steps, which can be extremely valuable for readers who have never done such procedures. My congratulate the authors for such an commendable effort.	Thank you for the review. Intraoperative photos have been added	see figure 5 and associated legend

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Orthopedics*.

Sincerely yours,

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