



# Baishideng Publishing Group Co., Limited

Flat C, 23/F., Lucky Plaza,  
315-321 Lockhart Road,  
Wan Chai, Hong Kong, China

## ESPS Peer-review Report

**Name of Journal:** World Journal of Orthopedics

**ESPS Manuscript NO:** 1502

**Title:** Biomechanical characteristics of bone in streptozotocin induced diabetic rats. An in-vivo randomized controlled experimental study

**Reviewer code:** 00503823

**Science editor:** Zhai, Huan-Huan

**Date sent for review:** 2012-12-17 10:01

**Date reviewed:** 2012-12-19 13:37

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D (Fair)		BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

In this paper, the authors examined the biomechanical aspects of bone in streptozotocin-induced diabetic rats. The findings in this paper were already reported by other researchers, and the methods used in this study were not sufficient without histomorphological observation or bone mineral density measurements, as the authors admitted in the limitation section. Comment: 1. Introduction: It seems better that the second paragraph "Bone is a composite of ----. ---- conflicting and sparse." are moved to the top of the introduction, and the introduction would be rewritten accordingly. 2. Citation numbers in parenthesis always come after period marks in this manuscript (ex. page 4, line 3). It should be moved before periods. 3. page 6, line 9: "40" should be "Forty". 4. page 6, lines 21-26: the authors don't have to describe both full-spelled numbers and Arabic numerals (ex. Twenty-six (26)). They should describe either one. When a number comes at the beginning of a sentence, it should be a full-spelled number, and in other cases, it should be an Arabic one. This is a fundamental rule that every scientist should recognize when preparing a manuscript. 5. Figures 2-5 should be omitted because the information they contain was already written in the manuscript. 6. Discussion page 12, lines 6-14: the paragraph "The administration of insulin --- inadequate to treat the animals." seems not related to the present findings and should be omitted.



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**Title:** Biomechanical characteristics of bone in streptozotocin induced diabetic rats. An in-vivo randomized controlled experimental study

**Reviewer code:** 00505398

**Science editor:** Zhai, Huan-Huan

**Date sent for review:** 2012-12-17 10:01

**Date reviewed:** 2012-12-24 04:54

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
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### COMMENTS TO AUTHORS

Intro,line7, remove 'Susceptibility" Biomechanical testing,line1,remove s from three-points Discussion, paragraph 7, need to add main limitation is that study was done on rats so extrapolation to humans uncertain