



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 56748

**Title:** Effect of weekend admission on geriatric hip fractures

**Reviewer’s code:** 02699758

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer’s Country/Territory:** Japan

**Author’s Country/Territory:** United States

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**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-05-12 21:58

**Reviewer performed review:** 2020-05-17 22:38

**Review time:** 5 Days

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

## **SPECIFIC COMMENTS TO AUTHORS**

Thank you for giving me an opportunity for reviewing the manuscript written by Pasternack JB et al. The authors demonstrated so called “weekend effect” for post-operative complication rate and the length for the certain period before surgery in geriatric hip fracture patients treated in the single tertiary care hospital. Though conclusion is clear, more data and more detail methodology is required. Points are listed below. 1. What does it mean by “medical optimization”? 2. Does the term “transfusion” mean “blood transfusion”? 3. How did authors handle the holidays? Which group are the holidays included?. 4. How different between weekdays and weekend in terms of the available numbers of orthopedic surgeons, geriatric physicians or physical therapists in the hospital where this study was taken? 5. Explanation for each abbreviation appeared in the table should be indicated below each Table. 6. How long did the authors follow the subjects to evaluate the mortality and complication rate? Only evaluated during hospital stay? 7. Multiple logistic regression analysis should be performed to compare mortality and complication rates between weekdays and weekend groups for adjusting confounding factors such as age and comorbidities. 8. Exclusion criteria should be mentioned. Were pathological fracture or high energy trauma included? 9. Would you please indicate the numbers of the intracapsular fracture and inter/intra trochanteric fractures in the table? 10. To date, no weekend effects for intracapsular fracture was observed regarding to post-operative complication rates (Rezaie W et al. Geriat Orthop Surg 9: 1-6,2018). How about only in trochanteric fracture group? Because trochanteric fracture is more life threatening than intracapsular fracture.