



**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>

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

Manuscript submission date: 2020-05-12

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

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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. Geriatr Orthop Surg 9: 1-6,2018). How about only in trochanteric fracture group? Because trochanteric fracture is more life threatening than intracapsular fracture.