

## PEER-REVIEW REPORT

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

**Manuscript NO:** 46151

**Title:** Delirium after emergency hip surgery – common and serious, but rarely consented for

**Reviewer's code:** 02691280

**Reviewer's country:** Italy

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-04-01 08:31

**Reviewer performed review:** 2019-04-01 09:59

**Review time:** 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

"neck of femur fracture", is not really the most common way orthopedic surgeons name medial proximal femoral fractures. I suggest rewording its definition throughout the whole MS. Besides that, it is a proficiently written paper and the topic is somehow of

interest, maybe more to the orthogeriatric specialist, but still deserving a careful reading. I also suggest to change "Common amongst older adults" title section in "Incidence or Prevalence amongst older adults". In addition, the second paragraph of this section is lacking any reference, that I would have loved to see, particularly referring to the "anaesthetic" because in my experience delirium often occurs after surgery and correlation inconsistent, as specified later on in the MS. In the section "Management strategies for delirium", I am not really sure what "outcome" at the end of the first line means: please reword or clarify. In the paragraph "Prophylactic pharmacological therapies have been trialled, but show no efficacy [...]" I feel "show" should be changed to "showed". In the "consent" section, the phrase "In hip fracture the emphasis is slightly different, as the surgery is fundamentally essential, and outcomes worsen as surgery is delayed." is missing a reference: they're not so difficult to find and amongst the many available I recall writing something about it (doi: 10.3928/01477447-20140124-25). In the "Paradox" section reference number 45's DOI does not match the quoted paper and for being a review is quite old. Since available, I suggest citing some more recent literature. As it is not clear whether delirium is a consequence of surgery or anaesthesiology, I feel the latter should be mentioned together with the orthopaedic team in the recommendations and conclusions sections.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

- ☐ The same title
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