

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 45164

**Title:** Teriparatide as nonoperative treatment for femoral shaft atrophic nonunion: A case report

**Reviewer's code:** 00742421

**Reviewer's country:** United States

**Science editor:** Ying Dou

**Reviewer accepted review:** 2019-05-24 13:28

**Reviewer performed review:** 2019-05-24 16:48

**Review time:** 3 Hours

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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

need to improve methodology

### INITIAL REVIEW OF THE MANUSCRIPT



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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 45164

**Title:** Teriparatide as nonoperative treatment for femoral shaft atrophic nonunion: A case report

**Reviewer's code:** 02691280

**Reviewer's country:** Italy

**Science editor:** Ying Dou

**Reviewer accepted review:** 2019-06-04 10:08

**Reviewer performed review:** 2019-06-12 12:05

**Review time:** 8 Days and 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 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 checked="" 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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

There is a major issue in this case report as it is described as the first case of an off-label treatment of a femoral shaft atrophic non union with teriparatide (previously published paper, doi: 10.1097/MD.0000000000006571). In addition, teriparatide was also employed



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in the conservative management of non unions of several different long bones. Thus, still being a rare case, it needs a major revision about its definition. Also some language polishing would be necessary: e.g. in the abstract, the sentence "A 60-year-old woman had a right femoral shaft fracture due to a traffic accident, and she immediately underwent intramedullary nailing and closed reduction internal fixation surgery." should be changed in "A 60-year-old woman had a right femoral shaft fracture due to a traffic accident, and she immediately underwent closed reduction and internal fixation surgery with an intramedullary nail." In addition, conclusions, based on a single case report are way too trenchant. I suggest a revision, with an updated literature review, language polishing, conclusions rewording and resubmission.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 45164

**Title:** Teriparatide as nonoperative treatment for femoral shaft atrophic nonunion: A case report

**Reviewer's code:** 02945812

**Reviewer's country:** India

**Science editor:** Ying Dou

**Reviewer accepted review:** 2019-06-04 09:47

**Reviewer performed review:** 2019-06-12 15:30

**Review time:** 8 Days and 5 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input checked="" 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 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

This is a good clinical case. However, it requires minor modifications: 1. Mention whether the calcium level was albumin corrected or not? 2. What was the level of serum phosphate and renal function test? Whether the patient was taking glucocorticoid? 3.



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The duration of teriparatide treatment should be uniform throughout the manuscript. 4. Reference section needs modification to avoid duplication. 5. The date in the images needs modifications.

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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 45164

**Title:** Teriparatide as nonoperative treatment for femoral shaft atrophic nonunion: A case report

**Reviewer's code:** 01047625

**Reviewer's country:** Taiwan

**Science editor:** Ying Dou

**Reviewer accepted review:** 2019-05-28 07:53

**Reviewer performed review:** 2019-06-14 00:31

**Review time:** 16 Days and 16 Hours

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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

The authors reported here a case of femoral shaft atrophic nonunion which was successfully managed with teriparatide. The case is interesting and informative. However, I have a minor suggestion. 1. The authors should add few sentences



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introducing the basic knowledge of teriparatide. Teriparatide is a recombinant protein form of parathyroid hormone. It is an effective anabolic agent used in the treatment of some forms of osteoporosis. It is also occasionally used off-label to speed fracture healing .

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