

## PEER-REVIEW REPORT

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

**Manuscript NO:** 45889

**Title:** Bilateral Sequential Femoral Neck stress fractures in Young adult with HIV infection on Anti-retroviral therapy: Case report and review of literature

**Reviewer's code:** 02444795

**Reviewer's country:** United Kingdom

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2019-01-25

**Date reviewed:** 2019-01-25

**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 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

Please improve the grammar. For example in the case report section this needs tightening up-History revealed poor ART compliance. Upon enquiry about delay of three months in seeking treatment, patient alleged stigma related refusal of treatment



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elsewhere, due to his sero-positive status. He did not have any medical co-morbidity. Displaced fracture neck of left femur with characteristic opening out on the tension side, varus settling of distal fragment and established non union was noted on the radiographs (Fig 1). There are also sentences where words such as 'the' are missing. Otherwise an interesting and informative case report.

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

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

##### ***BPG Search:***

- ☐ The same title
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- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 45889

**Title:** Bilateral Sequential Femoral Neck stress fractures in Young adult with HIV infection on Anti-retroviral therapy: Case report and review of literature

**Reviewer's code:** 02444715

**Reviewer's country:** Egypt

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2019-01-25

**Date reviewed:** 2019-01-25

**Review time:** 5 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 type="checkbox"/> Grade B: Minor language	(High priority)	<input 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

the paper : Bilateral Sequential Femoral Neck stress fractures in Young adult with HIV infection on Anti-retroviral therapy: Case report and review of literature present an interesting case, but with very limited data The authors did not put clear X rays Bone



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scan or CT scan would be helpful The first fracture is associated with history of traffic accident, What is the prove that the other side was not a missed fracture or something not related to HIV

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- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 45889

**Title:** Bilateral Sequential Femoral Neck stress fractures in Young adult with HIV infection on Anti-retroviral therapy: Case report and review of literature

**Reviewer's code:** 02699758

**Reviewer's country:** Japan

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2019-01-25

**Date reviewed:** 2019-02-06

**Review time:** 21 Hours, 11 Days

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
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publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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

Thank you for giving me the opportunity for reviewing the manuscript written by Saisunder Shashank Chaganty and Deeptiman James. The authors presented the case with bilateral hip fractures during Anti-retroviral therapy for HIV infection. The case is

very rare and this case report is worth publishing. But, more data will be necessary to demonstrate that insufficiency bilateral hip fracture really occurred due to HIV/ART related osteoporosis. 1. The authors described that BMD data were not available unfortunately, only Sigh index of the hip was available for diagnosis of osteoporosis. How about the spinal X-ray films? Were there any vertebral fractures? Or are there any metabolic bone markers or vitamin D levels available? Also malnutrition results in osteoporosis. Please indicate the patient's BW and height. 2. Fracture line of the hip or displacement of the femoral head on the X-lays are not clear, especially right side of the hip on Fig.3. Are CT or MRI available to validate the fracture? 3. Displaced hip fracture in such a young case is very difficult and challenging. I would like to know the detail of the operation for left side hip fracture. Is osteotomy is common operative procedure in the young displaced hip fracture? 4. Did the patient start to take anti-osteoporosis therapy? 5. Discussion is very well written.

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