



PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 39291

Title: Spontaneous and simultaneous complete bilateral rupture of the quadriceps tendon in a patient receiving hemodialysis: A case report

Reviewer’s code: 02844701

Reviewer’s country: India

Science editor: Fang-Fang Ji

Date sent for review: 2018-05-08

Date reviewed: 2018-05-08

Review time: 9 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 type="checkbox"/> Minor revision	topic of the manuscript:
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

give more clinical details of case related to renal failure cause of renal failure duration of dialysis adequacy of dialysis associated co-morbid conditions heparin use in dialysis PT APTT anti-coagulation overdose status of nutrition malnutrition status of CKD



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MBD biochemical reports what is cause and effect relation of tendon rupture and renal failure or it is just association mention study limitation

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- [Y] No

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PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 39291

Title: Spontaneous and simultaneous complete bilateral rupture of the quadriceps tendon in a patient receiving hemodialysis: A case report

Reviewer's code: 03348903

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2018-05-08

Date reviewed: 2018-05-10

Review time: 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
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SPECIFIC COMMENTS TO AUTHORS

Well written case report.

INITIAL REVIEW OF THE MANUSCRIPT



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PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 39291

Title: Spontaneous and simultaneous complete bilateral rupture of the quadriceps tendon in a patient receiving hemodialysis: A case report

Reviewer’s code: 02997214

Reviewer’s country: Turkey

Science editor: Fang-Fang Ji

Date sent for review: 2018-05-18

Date reviewed: 2018-05-22

Review time: 4 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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SPECIFIC COMMENTS TO AUTHORS

1- Very short introduction and case description but very long Discussion, please balance them. 2- Please give some details related to the renal insufficiency and also some biochemical values before and after surgery. 3- There are some minor points such in



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case report “A 43-year-old patient” should be “A 43-year-old male patient”. It exists in abstract but should also be in case report section. 4- “Ruptures of the quadriceps tendon are usually observed in patients over 40 years old with a sex ratio of 6:1 [3,4]. The most commonly reported mechanism is the sudden reflexive eccentric contraction of the quadriceps with the foot anchored to the ground and the knees flexed (for example, by catching up after tripping on a step or sidewalk). Common predisposing medical conditions related to quadriceps rupture include diabetes, chronic renal failure, and hyperparathyroidism [1], with crystal arthropathic disease, inflammatory arthritis, and obesity also having been proven to be predisposing factors [5].” Patients usually complain of severe knee pain and complete functional disability of the lower limbs. In younger patients, however, major trauma by direct shock or laceration by a blunt object has been more common. In the absence of a traumatic context, assessment should be focused on identifying systemic diseases wherein tendons become weakened, such as in systemic lupus erythematosus, rheumatoid arthritis, primary hypoparathyroidism, secondary hyperparathyroidism, tuberculosis, syphilis, and chronic renal failure. Hence, tendon ruptures could be caused by the diminution of local circulation, abnormalities in collagen metabolism, repeated microtrauma, weakening, and calcifications, which consequently reduce the elasticity of the tendon. Most authors agree that bone resorption at the tendon insertion sites due to secondary hyperparathyroidism contributes to the pathogenesis of tendon ruptures. In addition, weakening of the tendon may be observed when collagen is replaced by elastin during chronic metabolic acidosis due to chronic renal failure. Such patients are therefore at risk for bilateral ruptures.”. These long paragraphs of Discussion has some repeated and unnecessary information please shorten and move them to the Introduction section. They are general information 5- Please use new references such as “[Spontaneous simultaneous bilateral rupture of the quadriceps tendon in patients with parathyroid adenoma: case report and literature



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review].Mokoko-Louckou AE, Chaibou B, Abdouli I, Bouhelo-Pam KPB, Idrissi ME, Shimi M, Ibrahimi AE, Mrini AE. Pan Afr Med J. 2018 Jan 4;29:14. doi: 10.11604/pamj.2018.29.14.13540 “. Please exclude very old references such as 2 Steiner CA, Palmer LH. Simultaneous bilateral rupture of the quadriceps tendon. Am J Surg 1949; 78(5): 752-5 [PMID: 15391185].

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