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PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

Manuscript NO: 37050

Title: Diabetic muscle infarction in end-stage renal disease: A scoping review on epidemiology, diagnosis and treatment

Reviewer's code: 02844701

Reviewer's country: India

Science editor: Jin-Xin Kong

Date sent for review: 2017-11-12

Date reviewed: 2017-11-12

Review time: 1 Hour

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

how the key words/ Mesh terms were used to search references in PubMed and duration of years like from 2010 to 2015 what are limitations of this paper



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PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

Manuscript NO: 37050

Title: Diabetic muscle infarction in end-stage renal disease: A scoping review on epidemiology, diagnosis and treatment

Reviewer's code: 00505314

Reviewer's country: United States

Science editor: Jin-Xin Kong

Date sent for review: 2017-11-12

Date reviewed: 2017-11-21

Review time: 9 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

In this review, the authors searched English language literature to find cases of diabetic muscle infarction (DMI) in patients with end stage kidney disease on dialysis or received organ transplantation. They identified 41 cases. The article is well written and is informative. Unfortunately, since the literature is limited to case reports and case series, it is difficult to formulate a definitive evidence based management plan. I have following comments/critiques: 1. Reference 2 is a larger series published earlier involving 170 patients which included patients without kidney failure. It will nice to attempt a comparison of DMI in patients with ESRD vs. those without ESRD to see if there are differences in incidence, age group involved, severity, recurrence etc. 2. The authors should include calciphylaxis in the differential diagnosis of DMI and how to differentiate between the 2 conditions



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PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

Manuscript NO: 37050

Title: Diabetic muscle infarction in end-stage renal disease: A scoping review on epidemiology, diagnosis and treatment

Reviewer's code: 00503199

Reviewer's country: Greece

Science editor: Jin-Xin Kong

Date sent for review: 2017-11-12

Date reviewed: 2017-11-22

Review time: 10 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The paper is interesting



PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

Manuscript NO: 37050

Title: Diabetic muscle infarction in end-stage renal disease: A scoping review on epidemiology, diagnosis and treatment

Reviewer's code: 02874819

Reviewer's country: Italy

Science editor: Jin-Xin Kong

Date sent for review: 2017-11-12

Date reviewed: 2017-11-23

Review time: 10 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
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		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

In the abstract and in the introduction it is unclear the main argument that the authors want to treat and also its possible pathogenesis. The aim of the study should also be better defined Diabetic muscle infarction (DMI) is a rare complication of long-standing poorly controlled diabetes mellitus with multiple microvascular and macrovascular complications, microvascular abnormalities may play a role but no pathogenic association with ESRD has been demonstrated. Chebbi W, Jerbi S, Klii R, Alaya W, Mestiri S, Zantour B, Sfar MH. Multifocal diabetic muscle infarction: a rare complication of poorly controlled diabetes mellitus. Intern Med. 2014;53(18):2091-4. Epub 2014 Sep 15. Madhuvan HS, Krishnamurthy A, Prakash P, Shariff S. Diabetic Muscle Infarction (Myonecrosis): Underdiagnosed or Underreported? J Assoc Physicians India. 2015 Apr;63(4):71-3. The authors talk about association between diabetes, DMI and ESRD



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but the prevalence and especially the possible pathogenesis is not clear. The authors do not mention possible rhabdomyolysis or alteration of the mineral metabolism or calcifilase, and besides inflammation, there is no understanding of the possible link between the pathologies It is a chaotic manuscript and difficult to read The authors suggest some therapy and diagnosis, but it is not clear the rationale for the evaluation of this pathology In addition, the clinical features and therapy of dialysis and transplanted kidney patients are very different so that the relationship between these two populations is not clear.