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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Hematology
ESPS manuscript NO: 27283
Title: Successful lower leg microsurgical reconstruction in homozygous sickle cell disease: Case report
Reviewer's code: 03638253
Reviewer's country: United States
Science editor: Xue-Mei Gong
Date sent for review: 2016-05-23 15:08
Date reviewed: 2016-06-01 01:46

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This is a case report of utilizing a novel surgical technique for management of ulcers related to sickle cell disease. Historically the outcome of such surgeries in patients with sickle cell disease has not been favorable. The author suggests more aggressive anticoagulation and lowering the hemoglobin S levels in blood circulation around the surgery time and was able to achieve better results with such measures. The manuscript is well written and I suggest a few minor changes as follows: 1) In Introduction: Please provide reference for the statement: "Patients with hematologic diseases and hypercoagulability are usually associated with high rates of complications, including anastomotic thrombosis and flap loss." 2) Discussion: Change the statement: "Sickle cell trait [SCT] results from the inheritance of one normal hemoglobin gene [HbA] and one mutated b1-globin gene , a sickle hemoglobin gene [HbS]." to "Sickle cell.....mutated Beta Globin Gene...HbS." 3) Provide reference for the statement: "Increased erythrocyte sickling occurs under hypoxia, acidosis, dehydration, and hypothermia. SCT has been associated with an increased rate of exercise-related deaths, fetal loss, pre-eclampsia, and venous thromboembolism" 4)Provide reference for the statement: "Patients

with sickle cell trait or disease are usually considered a higher risk group for microsurgical reconstructions and there is some pessimism among microsurgeons when these procedures are required" 5) In the manuscript it is suggested to bring the Hemoglobin S level down to 30% but in the Table 1 it says 20%. I suggest you change it to 30% as well and provide reference for that.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Hematology
ESPS manuscript NO: 27283
Title: Successful lower leg microsurgical reconstruction in homozygous sickle cell disease: Case report
Reviewer's code: 00253956
Reviewer's country: United Kingdom
Science editor: Xue-Mei Gong
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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This is an interesting and well written clinical case report. I would recommend publication, with suggested minor revision: check through the paper for typos and grammatical errors, and secondly revise Table 1 - it would be presented better as a flow chart and with text of larger font to make it easier to read.