



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_50902
Title of the Manuscript:	Evaluation of Electrical Activity of the Tibialis Anterior Muscle and Balance in Individuals with Hemiparesis Stemming from a Stroke Submitted to Central and Peripheral Stimulation – Protocol for a Randomized, Double-Blind, Clinical Trial
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>1. Why did you choose anterior tibialis to stimulate? Did you take the calf spasticity based balance disturbance into consideration? What about differentiating between ankle dorsiflexion and inversion of anterior tibialis which can cause different effect towards patients' balance function?</p> <p>2. Please make the 'Abstract' more standardly, including 'Objective', 'Method', 'Result', 'Conclusion'.</p> <p>3. Introduction A large amount of articles are listed without analysis or conclusion. Please simplify and optimize this part to make it more valuable.</p> <p>4. Method Study Design</p> <ul style="list-style-type: none">Why did you set 10 minute as the time for post-treatment immediately evaluation? Is it the threshold time for electrical stimulation? Or are there any related RCTs had this design before? <p>Eligibility Criteria</p> <ul style="list-style-type: none">For the age, why 20 is the bottom line? Why there is no top line? What about the common aging interval for stroke? The functional difference due to age can lead to bias of results, why you didn't take this in to account?What do you mean about 'active ankle mobility'? Dorsiflexion, plantarflexion or anything else? How to test with goniometer standardly? Why you didn't use other objective approach to evaluation ROM like isokinetic machine?What is the scale for muscle stiffness according to Modified Ashworth Scale? More than 1? Please be specific in description.Why did you use Mini-BESTest to evaluate balance? What is the specificity and sensitivity? How about Timed Up and Go test? Berg Balance Scale? Functional Gait Assessment? Dynamic Gait Index? <p>5. Intervention</p> <ul style="list-style-type: none">How to distinguish the efficacy from different electrical stimulation or the combination?Is there any effect from conventional treatment such as stretching, muscle strengthening, gait training and etc. ? <p>6. Discussion</p> <ul style="list-style-type: none">What will be the benefits of this RCT especially for clinical application? Discuss more specifically for the potential goals?'Posture' is a big picture of function for the intervention only on anterior tibialis, please be specific and make the results more clear with details such as balance, lower extremities function.	<p>The manuscript has been modified</p>
Minor REVISION comments		



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<u>Optional/General</u> comments		

PART 2:

	<u>Reviewer's comment</u>	<u>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	