

Reviewers' Comments

Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: Interesting manuscript from the standpoint of integrative medicine.

- Thank you for your considerate review. It has helped us view our study more objectively. After reading your comments, we realized that more details and corrections were needed in our study. We have learned a lot from the points you raised.

1. However, it was necessary to explain and better illustrate to the world what is this new branch of medicine. ("applying integrative Korean medicine" in the Introduction section) It remained to explain what Korean integrative medicine is.

- Integrative Korean medicine is a kind of complementary and alternative medicine. Integrative Korean medicine has difference with traditional Chinese medicine in that the preferred methods of prescribing herbal medicine and acupuncture. However, this medicine has the same origin to the traditional Chinese medicine and most of the contents are shared. Therefore, we authors concluded that we change the word 'Korean medicine' to 'traditional Chinese medicine' to make readers better comprehend.

2. I also think there could be more scientific basis for the treatments mentioned, citations from previous studies, books and scientific journals.

- The treatments that we used can be unfamiliar with many readers as you designated. We explained more about them based on scientific basis with citations.

3. I also missed references in some paragraphs. ("Electroacupuncture is also known to have analgesic effects and may contribute to the relief of pain in both lower extremities" in the Discussion section) Missing reference to this paragraph.

- We added a citation to the sentence in the Discussion section.

Congratulations. I believe with these improvements it will become a great publication

- Thank you very much.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade A (Priority publishing)

Conclusion: Minor revision

Specific Comments to Authors: The authors reported an interesting case report regarding acupuncture treatment in a ALD patient. Few points need to be clarified before publication.

- Thank you very much for your advice to our manuscript. It made us feedback our report and make it better.

1. What are the characteristic points of “Korean” acupuncture? Most of the reader do not know the difference between Chinese and other countries acupuncture. If there is a difference between others, then explanation is required. If there is no difference, then limiting to “Korean” is not necessary. Explain the difference of “Korean” medicine in the introduction.

- Korean medicine is similar to traditional Chinese medicine. Why we used ‘Korean’ is, the method of the acupuncture used in this case is originated from Korea. We use needles to penetrate skin of human but the way of treatment is different from usual Chinese acupuncture. However, there are many different kinds of acupuncture all over the world and the Sa’am acupuncture is one of them, so we authors made a decision to use not ‘Korean medicine’ but ‘traditional Chinese medicine’ to avoid any misunderstandings.

2. End of present illness section. Typo: double period.

- We modified it to only one period.

3. If the abbreviation will not show up later on then it is not required, for example VLCFAs.

- As you pointed out, VLCFA was used only once. We removed the abbreviation of it.

4. Physical examination: More detail required. GCS, ataxia, gait pattern etc.

- We inserted more sentences to explain in detail.

5. Acupuncture: Explain about HT, SP, LR, SP, LU, KI all these abbreviations.

- There are 361 acupoints based on 12 meridians. Those abbreviations refer to 12 organs which are basis of each meridians. The abbreviations used in this manuscript are HT = Heart; SP = Spleen; LR = Liver; LU = Lung, and KI = Kidney. We authors discussed this issue and concluded that we insert a figure to help readers’ understanding. If you are not satisfied with it, please let us know.

6. Pharmaco-puncture: explain in a fashion that all readers are able to understand what was done to the patient.

- We explained about pharmacopuncture in detail by using textbook regarding pharmacopuncture.

7. The unit “cc” is not a SI unit, replace with mL.

- We changed it from “cc” to “mL”.

8. Electro-puncture: same as above. The information here is unable to understand for reader without professional in this field.

- We added explanation about electroacupuncture by citing other publications to help readers understand.

9. Other than frequency, what was the strength of electric power?

- We had used a noun that can provoke misunderstanding to readers. We modified the word to “electrical intensity” to clarify the meaning. We raised the intensity until the muscle shows visible contraction.

10. If the author consider that the above detail explanation regarding acupuncture is unnecessary, it is an option to submit this report to a journal that specially focus on to oriental medicine, where the reader is good enough to understand the terms without information.

- We authors would like to publish our paper in the renowned *World Journal of Clinical Cases* because we want readers from the broader area to get to know about this kind of medicine. So, we put more explanations about TCM according to your comments. Thank you.

11. Before reaching your medical team, what kind of treatment was given to the patient and how did the patient's condition worsened. If the tests used to evaluate in this report were undertaken in the past, the scores should be displayed to emphasize that this 23 days treatment was strongly effective.

- Although we could not acquire scores of the tests from previous hospitals, we could know that the patient was not getting better from previous treatments by listening to his statements. We inserted more information about previous treatment history in the History of present illness section.

Reviewer #3:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: Accept

Editors' Comments

(1) Science editor:

1 Scientific quality: The manuscript describes a Case Report of integrative Korean medicinal approach for gait disturbance in adrenoleukodystrophy. The topic is within the scope of the WJCC. (1) Classification: Grade C, Grade B, Grade C; (2) Summary of the Peer-Review Report: The authors reported an interesting case report regarding acupuncture treatment in a ALD patient. The questions raised by the reviewers should be answered; (3) Format: There are 1 figure and 1 table; (4) References: A total of 30 references are cited, including 5 references published in the last 3 years; (5) Self-cited references: There are no self-cited references; and (6) References recommendations: The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper references published by him/herself (themselves), please send the peer reviewer's ID number to editorialoffice@wjgnet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately. 2 Language evaluation: Classification: Grade A, Grade B, Grade B. A language editing certificate issued by Editage was provided. 3 Academic norms and rules: The authors provided the Signed Informed Consent Form(s), and CARE Checklist (2016). No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an unsolicited manuscript. This research was supported by a grant from the Korea Health Technology R&D Project through the Korea Health Industry Development Institute (KHIDI), funded by the Ministry of Health & Welfare of the Republic of Korea (grant number: HI20C1405). The topic has not previously been published in the WJCC. 5 Issues raised:

(1) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor; And

- We uploaded figures in the PowerPoint file including newly formed figure from this revision process.

(2) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s).

- We uploaded the approved grant application form with the file name of "The approved grant applications form.pdf".

6 Re-Review: Not required. 7 Recommendation: Conditional acceptance.

- Thank you very much.

(2) Company editor-in-chief:

I have reviewed the Peer-Review Report, the full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Clinical Cases, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors.

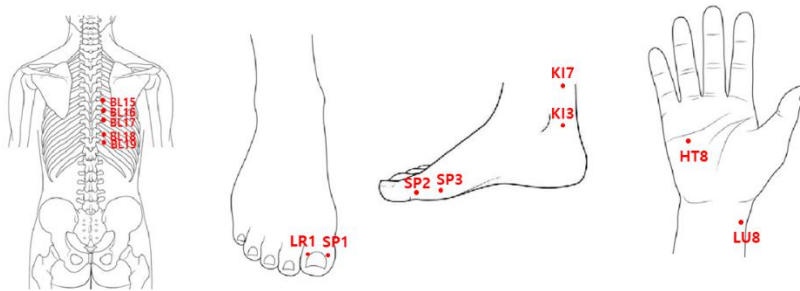
1. Before its final acceptance, the author(s) must provide the Signed Informed Consent Form(s) or Document(s) of treatment. For example, authors from China should upload the Chinese version of the document, authors from Italy should upload the Italian version of the document, authors from Germany should upload the Deutsch version of the document, and authors from the United States and the United Kingdom should upload the English version of the document, etc.

- Although 'signed' informed consent is waived by IRB ("The exemption for signed consent.pdf" and "self-checking table for the exemption for signed consent.pdf" are uploaded), we obtained verbal informed consent from the patient as best as we can and IRB approved it. We also uploaded documents of treatment in Korean language ("Documents of treatments in Korean language.pdf" is uploaded). If there is any more thing to provide, please let us know. If you think we should get 'signed' informed consent regardless of IRB approval, we would contact to the patient again. Please feel free to ask us.

Reviewer #1		
1	Reviewer's comment	1. However, it was necessary to explain and better illustrate to the world what is this new branch of medicine. ("applying integrative Korean medicine" in the Introduction section) It remained to explain what Korean integrative medicine is.
	Before modification	Integrative Korean medicine
	After modification	Traditional Chinese medicine
	Note	We made corrections on the every phrase.
2	Reviewer's comment	2. I also think there could be more scientific basis for the treatments mentioned, citations from previous studies, books and scientific journals.
	Before modification	<p><i>Acupuncture</i></p> <p>Disposable stainless-steel needles (0.25 × 40 mm, DongBang Acupuncture Inc., Boryung, South Korea) were inserted once every day during hospitalization at the acupoints for spleen tonification (HT8, SP2, LR1, SP1) and kidney tonification (LU8, KI7, SP3, KI3) as dictated by Saam acupuncture^[23].</p> <p><i>Pharmacopuncture</i></p> <p>Jungsongouhyul pharmacopuncture, distilled from Gardenia jasminoides, Corydalis tuber, Olibanum, Mastic, Commiphora myrrha, Semen Persicae, Paeonia lactiflora Pall., Salvia miltiorrhiza Bunge, and Caesalpinia sappan Linnaeus, was injected along the acupoints (BL15, BL16, BL17, BL18, BL19) on both sides of the spine subcutaneously. A dose of 0.1 cc was administered at each point once daily.</p> <p><i>Electroacupuncture</i></p> <p>Disposable stainless steel needles (0.25 × 40 mm, DongBang Acupuncture Inc., Boryung, South Korea) were inserted to a depth of 20 mm at ST36, ST37, ST10, ST34 bilaterally, and electrical stimulation (STN-111, Stratek Inc., Anyang, South Korea) was applied to the needles at a frequency of 4 Hz to the strength of visible muscle contraction for 20 min, once per day for 6 days per week during hospitalization.</p>
	After modification	<p>Acupuncture</p> <p>Disposable stainless-steel needles (0.25 × 40 mm, DongBang Acupuncture Inc., Boryung, South Korea) were inserted once every day during hospitalization at the acupoints for spleen tonification (HT8, SP2, LR1, SP1) and kidney tonification (LU8, KI7, SP3, KI3), as dictated by Saam acupuncture^[23] (Figure 1).</p>

		<p>Pharmacopuncture</p> <p>Pharmacopuncture is a TCM method in which fluid extracted from herbal medicine is injected into acupoints using a syringe, thus combining the effects of both acupuncture and herbal medicine[24]. Jungsongouhyul pharmacopuncture distilled from Gardenia jasminoides, Corydalis tuber, Olibanum, Mastic, Commiphora myrrha, Semen Persicae, Paeonia lactiflora Pall., Salvia miltiorrhiza Bunge, and Caesalpinia sappan Linnaeus, was injected along the acupoints (BL15, BL16, BL17, BL18, BL19) on both sides of the spine subcutaneously (Figure 1). A dose of 0.1 mL was administered at each point once daily.</p> <p>Electroacupuncture</p> <p>Electroacupuncture is the application of electrical stimulation with a small electric current to acupuncture needles[25]. It can improve the electrical stimulus of certain physiological reactions, and may thus provide a more rapid analgesic effect[26]. Disposable stainless steel needles (0.25 × 40 mm, DongBang Acupuncture Inc., Boryung, South Korea) were inserted to a depth of 20 mm at ST36, ST37, SP10, ST34 bilaterally, and electrical stimulation (STN-111, Stratek Inc., Anyang, South Korea) was applied to the needles at a frequency of 4 Hz (the electrical intensity of visible muscle contraction) for 20 min, once per day for 6 days per week during hospitalization.</p>
	Note	-
3	Reviewer's comment	3. I also missed references in some paragraphs. ("Electroacupuncture is also known to have analgesic effects and may contribute to the relief of pain in both lower extremities" in the Discussion section) Missing reference to this paragraph.
	Before modification	Electroacupuncture is also known to have analgesic effects
	After modification	Electroacupuncture is also known to have analgesic effects ^[32] (Zhang R, Lao L, Ren K, Berman BM. Mechanisms of acupuncture-electroacupuncture on persistent pain. Anesthesiology 2014; 120: 482-503 [PMID: 24322588 DOI: 10.1097/ALN.000000000000101])
	Note	-
Reviewer #2		
1	Reviewer's comment	1. What are the characteristic points of "Korean" acupuncture? Most of the reader do not know the difference between Chinese and other countries acupuncture. If there is a difference between others, then explanation is required. If there is no difference, then limiting to "Korean" is not necessary. Explain the difference of "Korean" medicine in the introduction.

	Before modification	Korean medicine
	After modification	Traditional Chinese medicine
	Note	In the Discussion section, we already wrote “Acupuncture with the Saam acupuncture method was conducted. This method originates from traditional Korean medicine and requires the process of diagnosis for patients based on TCM theory before the procedure.” In addition, we changed the word from “Korean medicine” to “traditional Chinese medicine”.
2	Reviewer’s comment	2. End of present illness section. Typo: double period.
	Before modification	. .
	After modification	.
	Note	-
3	Reviewer’s comment	3. If the abbreviation will not show up later on then it is not required, for example VLCFAs.
	Before modification	Abstract BACKGROUND Adrenoleukodystrophy (ALD) is caused by a deficit in the <i>adenosine triphosphate-binding cassette subfamily D member 1 (ABCD1)</i> gene which is involved in the decomposition process of very-long-chain fatty acids (VLCFAs).
	After modification	Abstract BACKGROUND Adrenoleukodystrophy (ALD) is caused by a deficit in the <i>adenosine triphosphate-binding cassette subfamily D member 1</i> gene which is involved in the decomposition process of very-long-chain fatty acids.
	Note	-
4	Reviewer’s comment	4. Physical examination: More detail required. GCS, ataxia, gait pattern etc.
	Before modification	He could not walk for 5 min and could not take three steps in one attempt.
	After modification	He could not walk for 5 min and could not climb three steps in one attempt. He presented with a duck-waddle gait, moving the body from one side to another

		her, and had poor scores in the 25-Foot Walk test (25FW), Timed Up and Go (TUG) test, and comfortable gait speed (CGS) test (see Table 1).
	Note	
5	Reviewer's comment	5. Acupuncture: Explain about HT, SP, LR, SP, LU, KI all these abbreviations.
	Before modification	-
	After modification	<p>Figure. 1. The acupoints used in this study.</p> <p>Abbreviations: BL, Bladder; LR, Liver; SP, Spleen; KI, Kidney; HT, Heart; LU, Lung.</p> 
	Note	We added a figure to help readers' understanding.
6	Reviewer's comment	6. Pharmaco-puncture: explain in a fashion that all readers are able to understand what was done to the patient.
	Before modification	Jungsongouhyul pharmacopuncture, distilled from Gardenia jasminoides, Corydalis tuber, Olibanum, Mastic, Commiphora myrrha, Semen Persicae, Paeonia lactiflora Pall., Salvia miltiorrhiza Bunge, and Caesalpinia sappan Linnaeus, was injected along the acupoints (BL15, BL16, BL17, BL18, BL19) on both sides of the spine subcutaneously. A dose of 0.1 cc was administered at each point once daily.
	After modification	Pharmacopuncture is a TCM method in which fluid extracted from herbal medicine is injected into acupoints using a syringe, thus combining the effects of both acupuncture and herbal medicine[24]. Jungsongouhyul pharmacopuncture distilled from Gardenia jasminoides, Corydalis tuber, Olibanum, Mastic, Commiphora myrrha, Semen Persicae, Paeonia lactiflora Pall., Salvia miltiorrhiza Bunge, and Caesalpinia sappan Linnaeus, was injected along the acupoints (BL15, BL16, BL17, BL18, BL19) on both sides of the spine subcutaneously (Figure 1). A dose of 0.1 mL was administered at each point once daily.
	Note	-
7	Reviewer's comment	7. The unit "cc" is not a SI unit, replace with mL.
	Before modification	A dose of 0.1 cc was administered at each point once daily.

	After modification	A dose of 0.1 mL was administered at each point once daily.
	Note	-
8	Reviewer's comment	8. Electro-puncture: same as above. The information here is unable to understand for reader without professional in this field.
	Before modification	Disposable stainless steel needles (0.25 × 40 mm, DongBang Acupuncture Inc., Boryung, South Korea) were inserted to a depth of 20 mm at ST36, ST37, SP10, ST34 bilaterally, and electrical stimulation (STN-111, Stratek Inc., Anyang, South Korea) was applied to the needles at a frequency of 4 Hz to the strength of visible muscle contraction for 20 min, once per day for 6 days per week during hospitalization.
	After modification	Electroacupuncture is the application of electrical stimulation with a small electric current to acupuncture needles[25]. It can improve the electrical stimulus of certain physiological reactions, and may thus provide a more rapid analgesic effect[26]. Disposable stainless steel needles (0.25 × 40 mm, DongBang Acupuncture Inc., Boryung, South Korea) were inserted to a depth of 20 mm at ST36, ST37, SP10, ST34 bilaterally, and electrical stimulation (STN-111, Stratek Inc., Anyang, South Korea) was applied to the needles at a frequency of 4 Hz (the electrical intensity of visible muscle contraction) for 20 min, once per day for 6 days per week during hospitalization.
	Note	-
9	Reviewer's comment	9. Other than frequency, what was the strength of electric power?
	Before modification	to the strength of visible muscle contraction for 20 min
	After modification	to the electrical intensity of visible muscle contraction for 20 min
	Note	-
10	Reviewer's comment	10. If the author consider that the above detail explanation regarding acupuncture is unnecessary, it is an option to submit this report to a journal that specially focus on to oriental medicine, where the reader is good enough to understand the terms without information.
	Before modification	-
	After modification	-
	Note	-
11	Reviewer's comment	11. Before reaching your medical team, what kind of treatment was given to the patient and how did this patient's condition worsened. If the tests used to evaluate in this report were undertaken in the past, the scores should be displayed

		d to emphasize that this 23 days treatment was strongly effective.
	Before modification	<p>History of present illness</p> <p>The patient visited a hospital in 2011 (39 years old at the time) with symptoms of gait disturbance, lower back pain, and pain in both legs immediately after a car accident. Medical professionals did not consider these symptoms to be caused by the accident because of the mildness of this traumatic event. Additional symptoms of dysuria and bowel obstruction were observed. Finally, the patient underwent gene testing and was diagnosed with ALD in 2012. Although he continued to receive rehabilitative treatment, the gait-related symptoms did not improve.</p>
	After modification	<p>History of present illness</p> <p>The patient visited a hospital in 2011 (39 years old at the time) with symptoms of gait disturbance, lower back pain, and pain in both legs immediately after a car accident. Medical professionals did not consider these symptoms to be caused by the accident because of the mildness of this traumatic event. Additional symptoms of dysuria and bowel obstruction were observed. Finally, the patient underwent gene testing and was diagnosed with ALD in 2012. Although he continued to receive rehabilitative treatment, botulinum toxin injections, and oral medications, including afloqualone, acetyl-L-carnitine, pramipexole dihydrochloride monohydrate, and clonazepam, the gait-related symptoms had not improved. Specifically, the oral medication did not lead to any improvement in his gait-related symptoms; thus, the patient stopped taking it of his own accord. His condition did not worsen after discontinuing oral medication.</p>
	Note	-
Science editor		
1	Editor's comment	(1) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor; And
	Before modification	-
	After modification	-
	Note	PowerPoint files are additionally uploaded on the system.
2	Editor's comment	(2) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s).
	Before modification	-
	After modification	-

	ation	
	Note	"The approved grant applications form.pdf" is uploaded.
Company editor-in-chief		
1	Editor's comment	1. Before its final acceptance, the author(s) must provide the Signed Informed Consent Form(s) or Document(s) of treatment. For example, authors from China should upload the Chinese version of the document, authors from Italy should upload the Italian version of the document, authors from Germany should upload the Deutsch version of the document, and authors from the United States and the United Kingdom should upload the English version of the document, etc.
	Before modification	-
	After modification	-
	Note	"The exemption for signed consent.pdf", "self-checking table for the exemption for signed consent.pdf", and "Documents of treatments in Korean language.pdf" are uploaded on the system.