

**ESPS Peer-review Report**

**Name of Journal:** World Journal of Cardiology

**ESPS Manuscript NO:** 4282

**Title:** Relationship between Vitamin D deficiency and cardiovascular disease

**Reviewer code:** 00674619

**Science editor:** Song, Xiu-Xia

**Date sent for review:** 2013-06-25 13:51

**Date reviewed:** 2013-07-04 22:52

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

**COMMENTS TO AUTHORS**

The comments: The manuscript by Dr. Yan-Chiou Ku et al., attempts to give the last data regarding relationship between vitamin D deficiency and cardiovascular disease. The authors' main idea to initiate this review is interesting and give us new data for the future about vitamin D. The article highlights that vitamin D supplementation would be more effective in subjects who suffer of CV diseases. The authors expressed their points clear and developed them, finding a lot of articles backed by evidence (examples) to support or not their results. They also had a critical thinking and a well-organized writing. My opinion is that, this paper is very good regarding the therapeutic potential with vitamin D of patients with CV diseases.

## ESPS Peer-review Report

**Name of Journal:** World Journal of Cardiology

**ESPS Manuscript NO:** 4282

**Title:** Relationship between Vitamin D deficiency and cardiovascular disease

**Reviewer code:** 00504772

**Science editor:** Song, Xiu-Xia

**Date sent for review:** 2013-06-25 13:51

**Date reviewed:** 2013-07-16 08:51

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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 type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

In this review paper, the authors discussed the relationship between Vitamin D and cardiovascular disease based on 19 papers. The paper is well organized and has many interesting information. However, there some concepts need to be clarified. Many typo and grammar mistakes need to be correct.

1. This sentence in the first paragraph of Introduction "The amount of vitamin D from dietary sources is generally viewed as too significant in many regions of the world to have an effect on vitamin D status at the population level" need to be revised. It is not clear what the authors mean.
2. Please explain why 1,25(OH)<sub>2</sub>D is considered to be the active form of vitamin D, yet its levels in the serum do not correlate with overall vitamin D status, whereas level of 25(OH)D is more clinically relevant.
3. The "Definition of Vitamin D Deficiency" Section needs to be reorganized. The authors should define the criteria of deficiency, insufficiency and adequacy, and then discuss what can cause those three conditions.
4. It is not clear which country the authors refer when they say "nation or nationwide". Please clarify.