

## PEER-REVIEW REPORT

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

**Manuscript NO:** 39362

**Title:** Overview of coronary artery variants, aberrations and anomalies

**Reviewer's code:** 02634762

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-04-17

**Date reviewed:** 2018-04-17

**Review time:** 12 Hours

| SCIENTIFIC QUALITY                                     | LANGUAGE QUALITY  | CONCLUSION   | PEER-REVIEWER STATEMENTS                      |
|--|---|--|---|
| <input type="checkbox"/> Grade A: Excellent            | <input type="checkbox"/> Grade A: Priority publishing       | <input type="checkbox"/> Accept                    | Peer-Review:                                  |
| <input checked="" type="checkbox"/> Grade B: Very good | <input checked="" type="checkbox"/> Grade B: Minor language | (High priority)                                    | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good                 | polishing   | <input type="checkbox"/> Accept                    | <input type="checkbox"/> Onymous              |
| <input type="checkbox"/> Grade D: Fair                 | <input type="checkbox"/> Grade C: A great deal of           | (General priority)                                 | Peer-reviewer's expertise on the              |
| <input type="checkbox"/> Grade E: Do not               | language polishing  | <input checked="" type="checkbox"/> Minor revision | topic of the manuscript:                      |
| publish  | <input type="checkbox"/> Grade D: Rejection                 | <input type="checkbox"/> Major revision            | <input checked="" type="checkbox"/> Advanced  |
|  |   | <input type="checkbox"/> Rejection                 | <input type="checkbox"/> General              |
|  |   |  | <input type="checkbox"/> No expertise         |
|  |   |  | Conflicts-of-Interest:                        |
|  |   |  | <input type="checkbox"/> Yes                  |
|  |   |  | <input checked="" type="checkbox"/> No        |

### SPECIFIC COMMENTS TO AUTHORS

The authors wrote a review about normal and anomalous coronary anomaly. Although similar review was written by Angelini, the strength of this review has much more CAG pictures than the former article. Please see the comments. 1. Most of the figures are CAG. It would be better if the authors use VR images from CCTA because



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three-dimensional images from CT would allow to more easily understand the anatomy.  
2. Did the authors experience ischemia due to malignant type of coronary anomaly? If so, please show some evidence such as SPECT or FFR, etc. 3. Please refer to Lipton's classification when describing single coronary artery. 4. Please refer to the article by Spindola-Franco when describing split LAD or dual LAD. 5. Do the authors have a color figure for Fig 9?

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 39362

**Title:** Overview of coronary artery variants, aberrations and anomalies

**Reviewer's code:** 03476635

**Reviewer's country:** Italy

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-05-29

**Date reviewed:** 2018-05-30

**Review time:** 1 Day

| SCIENTIFIC QUALITY                                     | LANGUAGE QUALITY   | CONCLUSION   | PEER-REVIEWER STATEMENTS                      |
|--|--|--|---|
| <input type="checkbox"/> Grade A: Excellent            | <input checked="" type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept                    | Peer-Review:                                  |
| <input checked="" type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language                 | (High priority)                                    | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good                 | polishing  | <input type="checkbox"/> Accept                    | <input type="checkbox"/> Onymous              |
| <input type="checkbox"/> Grade D: Fair                 | <input type="checkbox"/> Grade C: A great deal of                | (General priority)                                 | Peer-reviewer's expertise on the              |
| <input type="checkbox"/> Grade E: Do not               | language polishing   | <input type="checkbox"/> Minor revision            | topic of the manuscript:                      |
| publish  | <input type="checkbox"/> Grade D: Rejection                      | <input checked="" type="checkbox"/> Major revision | <input checked="" type="checkbox"/> Advanced  |
|  |  | <input type="checkbox"/> Rejection                 | <input type="checkbox"/> General              |
|  |  |  | <input type="checkbox"/> No expertise         |
|  |  |  | Conflicts-of-Interest:                        |
|  |  |  | <input type="checkbox"/> Yes                  |
|  |  |  | <input checked="" type="checkbox"/> No        |

### SPECIFIC COMMENTS TO AUTHORS

To: Editorial Board World Journal of Cardiology Title: "Overview of coronary artery variants, aberrations and anomalies" Dear Editor, I read this manuscript and I think that: - I really appreciate the work from Kastellanos et al. I would like the authors pointed out some aspects about the therapies related to such anomalies and the clinical



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**https://** www.wjgnet.com

consequences of such anomalies. Therefore, I suggest to: a. Include a paragraph dealing with the clinical aspects related to the presence of coronary artery variants. b. Include a paragraph dealing with pharmacological and surgical aspects related to the treatment of such anomalies. c. Considering the role of antiplatelets agents and secondary prevention treatments in such a context. - The authors could provide a table gathering the main finding from literature, even considering case reports. - I really appreciate all of the figures. I think that they effectively complete the entire work and give it appreciable visibility.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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- ☐ [Y] No

##### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 39362

**Title:** Overview of coronary artery variants, aberrations and anomalies

**Reviewer's code:** 01204088

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-05-29

**Date reviewed:** 2018-05-31

**Review time:** 1 Day

| SCIENTIFIC QUALITY                                | LANGUAGE QUALITY   | CONCLUSION   | PEER-REVIEWER STATEMENTS                      |
|---|--|--|---|
| <input type="checkbox"/> Grade A: Excellent       | <input checked="" type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept                    | Peer-Review:                                  |
| <input type="checkbox"/> Grade B: Very good       | <input type="checkbox"/> Grade B: Minor language                 | (High priority)                                    | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good            | polishing  | <input type="checkbox"/> Accept                    | <input type="checkbox"/> Onymous              |
| <input checked="" type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade C: A great deal of                | (General priority)                                 | Peer-reviewer's expertise on the              |
| <input type="checkbox"/> Grade E: Do not          | language polishing   | <input checked="" type="checkbox"/> Minor revision | topic of the manuscript:                      |
| publish   | <input type="checkbox"/> Grade D: Rejection                      | <input type="checkbox"/> Major revision            | <input type="checkbox"/> Advanced             |
|   |  | <input type="checkbox"/> Rejection                 | <input checked="" type="checkbox"/> General   |
|   |  |  | <input type="checkbox"/> No expertise         |
|   |  |  | Conflicts-of-Interest:                        |
|   |  |  | <input type="checkbox"/> Yes                  |
|   |  |  | <input checked="" type="checkbox"/> No        |

### SPECIFIC COMMENTS TO AUTHORS

Kastellanos et al. reviewed coronary artery variants, aberrations and anomalies. This review is informative, and I only have a brief comment. Page 8. 4. Myocardial Bridging: Anomaly or Variant? Please mention about myocardial bridging in hypertrophic cardiomyopathy. And description about the difference between myocardial bridging

and coronary artery squeezing or coronary spasm will be appreciated.

#### INITIAL REVIEW OF THE MANUSCRIPT

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- ☐ [Y] No

##### *BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 39362

**Title:** Overview of coronary artery variants, aberrations and anomalies

**Reviewer's code:** 03722832

**Reviewer's country:** India

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-05-29

**Date reviewed:** 2018-05-31

**Review time:** 2 Days

| SCIENTIFIC QUALITY                                | LANGUAGE QUALITY  | CONCLUSION   | PEER-REVIEWER STATEMENTS                      |
|---|---|--|---|
| <input type="checkbox"/> Grade A: Excellent       | <input type="checkbox"/> Grade A: Priority publishing       | <input type="checkbox"/> Accept                    | Peer-Review:                                  |
| <input type="checkbox"/> Grade B: Very good       | <input checked="" type="checkbox"/> Grade B: Minor language | (High priority)                                    | <input checked="" type="checkbox"/> Anonymous |
| <input type="checkbox"/> Grade C: Good            | polishing   | <input type="checkbox"/> Accept                    | <input type="checkbox"/> Onymous              |
| <input checked="" type="checkbox"/> Grade D: Fair | <input type="checkbox"/> Grade C: A great deal of           | (General priority)                                 | Peer-reviewer's expertise on the              |
| <input type="checkbox"/> Grade E: Do not          | language polishing  | <input type="checkbox"/> Minor revision            | topic of the manuscript:                      |
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|   |   | <input type="checkbox"/> Rejection                 | <input type="checkbox"/> General              |
|   |   |  | <input type="checkbox"/> No expertise         |
|   |   |  | Conflicts-of-Interest:                        |
|   |   |  | <input type="checkbox"/> Yes                  |
|   |   |  | <input checked="" type="checkbox"/> No        |

### SPECIFIC COMMENTS TO AUTHORS

1.The PRISMA checklist has not been followed to write this review 2.The author has not defined variant ,aberrant and anomalies of coronary 3.Table.1 has no contribution 4.The most of the images provided the author has been published several times ,please be selective 5.Clinical translation of this review is poor because the author has failed to

mention the clinical importance

## INITIAL REVIEW OF THE MANUSCRIPT

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### *BPG Search:*

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- ☐ [Y] No