

## ESPS PEER REVIEW REPORT

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

**ESPS manuscript NO:** 9632

**Title:** Quantitative assessment of myocardial blush grade in patients with coronary artery disease and in cardiac transplant recipients

**Reviewer code:** 00588097

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2014-02-21 19:54

**Date reviewed:** 2014-03-14 20:15

| 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 checked="" type="checkbox"/> Grade B: Very good | <input checked="" type="checkbox"/> Grade B: Minor language polishing | <input type="checkbox"/> Existing   | <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                 |   | BPG Search:                         | <input checked="" type="checkbox"/> Minor revision     |
| <input type="checkbox"/> Grade E: Poor                 | <input type="checkbox"/> Grade D: Rejected                            | <input type="checkbox"/> Existing   | <input type="checkbox"/> Major revision                |
|  |   | <input type="checkbox"/> No records |  |

## COMMENTS TO AUTHORS

Hofmann et al reviewed the role of quantitative assessment of myocardial perfusion by myocardial blush grade (MBG) in CAD and cardiac transplant patients. This is an angiographic computer-assisted method to assess myocardial tissue-level perfusion in such patients. This review focuses on the utility of quantitative MBG as a simple, fast and virtually costless technique for the immediate diagnosis of microvascular impairment at the time of cardiac catheterization. The authors summarize the available evidence, its usefulness in clinical practice, and draw comparisons with other techniques in a simple but straightforward manner. I only miss a paragraph discussing whether this method has been validated and how.

## ESPS PEER REVIEW REPORT

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

**ESPS manuscript NO:** 9632

**Title:** Quantitative assessment of myocardial blush grade in patients with coronary artery disease and in cardiac transplant recipients

**Reviewer code:** 02446542

**Science editor:** Xiu-Xia Song

**Date sent for review:** 2014-02-21 19:54

**Date reviewed:** 2014-03-31 04:43

| 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"/> Existing   | <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      |  | BPG Search:                         | <input type="checkbox"/> Minor revision                |
| <input type="checkbox"/> Grade E: Poor      | <input type="checkbox"/> Grade D: Rejected                           | <input type="checkbox"/> Existing   | <input type="checkbox"/> Major revision                |
|   |  | <input type="checkbox"/> No records |  |

## COMMENTS TO AUTHORS

It is a well written review about the role of quantitative assessment of myocardial perfusion by myocardial blush grade (MBG) in CAD and cardiac transplant patients for the diagnosis of microvascular disease. More data about the clinical outcomes of this method should be useful to be added in the manuscript.