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# Noninvasive Index of Microvascular Resistance as a Predictor of Left Ventricular Performance Recovery in Patients with STEMI Undergoing Primary PCI

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| SUBMITTED | REVISED | ACCEPTED |
| --- | --- | --- |
| 1 Sep 2021 | 1 Jan 2022 | 18 Jan 2022 |

## About this report

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## 1 Original submission

3 comments · 3 Nov 2021 – 3 Nov 2021

### Referee 1 Reviewer

MINOR REVISION 3 Nov 2021

Hello
1- The second echocardiogram is described throughout as having been performed one month after treatment, but the Methods section states 3 months after treatment. What is the reason for this discrepancy? Please correct it.
2- What was the timing of angioplasty (FMD) in the two groups, and did it differ between them?

### Associate Editor

MINOR REVISION 3 Nov 2021

Needs minor revision.

### Editor-in-Chief

MINOR REVISION 3 Nov 2021

Please make the revisions.

2

# Revision 1

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

Q: Please add some new references to the manuscript.

A: New references have been added to the manuscript.

## 2 Revision 1

2 comments · 27 Nov 2021 – 27 Nov 2021

### Associate Editor

MINOR REVISION 27 Nov 2021

Please make the revisions.

### Editor-in-Chief

MINOR REVISION 27 Nov 2021

minor revision

3

# Revision 2

AUTHORS' RESPONSE TO REVIEWERS

Authors' reply to reviewers

The next pages contain the authors' point-by-point reply to the comments of this revision round, as submitted with the revised manuscript. It is published as the authors wrote it.

**Reviewer 1:**

**Abstract:**

**Please add the sampling method, and data analyzing method. Add the sample size in each group.**

Changes have been made in abstract and sample size was added in abstract.

**The sample size is very small and inferences may be invalid. Please explain this bias. One recommendation is power analysis.**

Power analysis has been done and new results are highlighted.

**Result**

**Please add the statistical index such as correlation coefficient , beta or OR and so on.**

Changes have been made.

**Main body**

**Please add the sample size formula according to your objective.**

**Add the sample size in each group.**

Changes have been made.

**The minimum sample size required for correlation analysis is over 70 people.Add the statistical index such as mean or OR , ... in the text .**

Power analysis has been done and new results are highlighted in the results section.

**Please recheck the table's 1 format.**

Table 1 was revised.

Reviewer 2:

**Greetings,**

**The second echo is stated everywhere as one month after treatment, but in the Methods it is stated as 3 months after; what is the reason? Please correct** it.

Greetings and good day. It was corrected; 1 month is correct.

**2- What was the time of angioplasty (FMD) in the two groups, and was there any difference?**

The time and method of angioplasty did not differ significantly between the two groups.

*[Translated from Persian by the Brieflands editorial office.]*

## 3 Revision 2

1 comment · 18 Jan 2022

### Editor-in-Chief

ACCEPT 18 Jan 2022

accept