Jundishapur Journal of Chronic Disease Care
Volume 12 · Issue 4 · e138446

OPEN PEER REVIEW

Catastrophic Health Expenditure and Out-of-pocket Payments for Percutaneous Coronary Intervention (PCI) and Coronary Artery Bypass Grafting (CABG)

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SUBMITTED	REVISED	ACCEPTED	DOI
20 Jun 2023	13 Sep 2023	17 Sep 2023	10.5812/jjcdc-138446

About this report

This open peer review (OPR) report shows the public comments made on this article during peer review, by the reviewers, the associate editor and the editor-in-chief, for every revision round, together with the authors' replies. Comments appear only with the consent of the people who wrote them. Reviewers who chose to sign their report are named; the others are shown as "Referee". Comments are edited for language only, and confidential remarks to the editors are not included.

More about open peer review: brieflands.com/knowledgebase/opr

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1 Original submission

3 comments · 25 Jun 2023 – 4 Aug 2023

Referee 1 Reviewer

ACCEPT 25 Jun 2023

Hello dear author
- Considering your main variables—catastrophic health costs and out-of-pocket payments—as well as percutaneous coronary intervention (PCI), coronary artery bypass grafting (CABG), and the study type (cohort), it is recommended that you include these terms in the keywords.
Best regards

Associate Editor

MINOR REVISION 4 Aug 2023

Dear editor

1. Read the author guide again, then reorganize the manuscript properly for this journal (e.g., headings for each section, flow chart of the study, research highlights, tables, etc.). For this reason, please have a look at previously published articles in JJCDC.

2. All abbreviations must be written in full the first time.
3. Keywords are selected based on the MeSH database.
4. 5. The validity and reliability of the tools are not mentioned.
5. The limitations of the study should be mentioned.

Editor-in-Chief

MINOR REVISION 4 Aug 2023

Dear Author,
Please revise your manuscript based on our reviewer's comments and resubmit. Please see the attached file for your revision.
Thank you

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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.

Journal: Jundishapur Journal of Chronic Disease Care

Title: The Catastrophic Health Expenditure and Out of Pocket Payments of Percutaneous Coronary Intervention (PCI) and Coronary Artery Bypass Grafting (CABG): A Cohort Study (ID: 138446)

Dear editor in chief and Associate Editor of the Jundishapur Journal of Chronic Disease Care

I would like to thank you and the reviewers for the comprehensive reading of the manuscript and insightful comments. Also, we really appreciate the opportunity the submit the revised version of the manuscript. Now we have revised the manuscript and have responded point by point to the comments of the reviewers. Here are the comments of the reviewers and our response to them.

Reviewer 1 comments and our response:

Comment 1:

Considering that your main variables are catastrophic health costs and out-of-pocket payments, percutaneous coronary intervention (PCI) and coronary artery bypass grafting (CABG), as well as study type (cohort), it is recommended to include them in keywords.

Response 1:

We would like to thank the reviewer for the insightful comment, we have revised the keywords based on the MeSH database. These two keywords " out-of-pocket payments and catastrophic health costs " couldn’t be found in the MeSH database; so we use 'Health Expenditures' instead. Revised keywords are as below:

"Health expenditures, Percutaneous Coronary Intervention, Coronary Artery Bypass, Iran, cohort studies"

Associated editor 1 coments and responses:

Comment 1:

Read the author guide again, then reorganize your own manuscript properly for this journal. (E.g. Head titles of each section, flow chart of the study, research highlights, tables, etc.) For this reason please have a look at previously published articles in JJCDC.

Response 1:

We would like to thank the associated editor for the insightful comments, the article body, title, headings, subheadings and tables were revised as the journal guidelines instructed. Flow chart of the study added to the article.

We provided our research highlights as below:

- The baseline Catastrophic health expenditure (CHE) is so high-rated both in PCI and CABG patients.
- admission duration, age, type of hospital and being currently smoker have significant factors on out-of-pocket (OOP) payments.
- type of hospital and socio-economic status affect CHE, significantly.

Yet, we couldn't find the reaserach highlights guideline in the journal website, even in the previously published articles in JJCDC. We would appreciate that whether you help us to find out how to add the research highlight section to our paper.

Comment 2:

All abbreviations must be written in full the first time.

Response 2:

The whole article was reviewed and all abbreviations written in full. We highlighted all the changed in yellow color in the main Word file.

Comment 3:

Keywords are selected based on the mesh data base.

Response 3:

We would like to thank the associated editor for the insightful comment, we have revised the keywords based on the MeSH database. These two keywords " out-of-pocket payments and catastrophic health costs " couldn't be found in the MeSH database; so we use 'Health Expenditures' instead. Revised keywords are as below:

"Health expenditures, Percutaneous Coronary Intervention, Coronary Artery Bypass, Iran, cohort studies

Comment 4 & 5:

The validity and reliability of the tools are not mentioned.

Response 4 & 5:

the World Health Survey (WHS) questionnaire, which is a valid, reliable and comparative instrument developed by WHO, was used to collect data.

This tool calculates OOP and CHE by using the values that is asked about food costs and non-food and health costs. This tool is actually a form for data collection; in economic studies there is no need to have a psychometric evaluation for data collection forms, so a primary standard questionnaire is sufficient. This tool was used for the first time in the study of Kavousi et al. in 2011, that we referenced it due to the respected associated reviewer comment.

Other persian studies that used this survey tool are refrenced here (1-3).

Comment 5:

The limitations of the study should be mentioned.

Response 5:

Thank you for your valuable comment, the limitations of the study was revised as below:

"The limitations of our study were shedding of participants in follow ups. We suggest that in the future studies the researchers conclude private hospitals, other cities and other factors that can affect CHE and OOP such as insurances in their study."

1. Rashidian A, Kavosi Z, Majdzadeh R, Pourreza A, Pourmalek F, Arab M, et al. Assessing health system responsiveness: a household survey in 17th district of tehran. Iranian Red Crescent Medical Journal. 2011;13(5):302.
2. Kavosi Z, Rashidian A, Pourreza A, Majdzadeh R, Pourmalek F, Hosseinpour AR, et al. Inequality in household catastrophic health care expenditure in a low-income society of Iran. Health policy and planning. 2012;27(7):613-23.
3. Moradi G, Safari H, Piroozi B, Qanbari L, Farshadi S, Qasri H, et al. Catastrophic health expenditure among households with members with special diseases: A case study in Kurdistan. Medical journal of the Islamic Republic of Iran. 2017;31:43.

2 Revision 1

3 comments · 23 Aug 2023 – 6 Sep 2023

Referee 1 Reviewer

ACCEPT 23 Aug 2023

Hello dear author
You have done valuable research.
Some minor corrections are necessary, which I will send in the attached file.
Best Regards

Associate Editor

ACCEPT 26 Aug 2023

Dear editor
Based on the opinions of the reviewers, the article was accepted.

Editor-in-Chief

MINOR REVISION 6 Sep 2023

Dear Author,
The title of your study mentions a cohort study, but there is no evidence of a cohort in your study. As you know, a cohort study should be described over a period of at least 1 year, and you should explain the trend of your study and show it in a graph. I checked your ethical code at Shiraz University; it was: "Assessment of the Catastrophic Health Expenditure, Out of Pocket Payments among the Households of the Patients Who Underwent PCI (Percutaneous Coronary Intervention) and CABG (Coronary Artery Bypass Grafting): in Shiraz, Iran (2018)". There "was not any cohort" method in your verified title. I think you should revise the method of your study to cross-sectional or another method that is suitable for your study and resubmit.
Thank you

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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.

Journal: Jundishapur Journal of Chronic Disease Care

Title: The Catastrophic Health Expenditure and Out of Pocket Payments of Percutaneous Coronary Intervention (PCI) and Coronary Artery Bypass Grafting (CABG): A Cohort Study

Dear editor in chief and Associate Editor of the Jundishapur Journal of Chronic Disease Care

I would like to thank you and the reviewers for the comprehensive reading of the manuscript and insightful comments. Also, we really appreciate the opportunity to submit the second revised version of the manuscript. Now we have revised the manuscript and have responded point by point to the comments of the reviewers. Here are the comments of the reviewers and our response to them.

Reviewer 1 comments and our response:

Comment 1:

Hello dear author
You have done valuable research.
Some minor corrections are necessary, which I will send in the attached file.
Best Regards

Response 1:

We would like to thank you for your valuable and precise comment on the inclusion section. Changes apllied as you suggested, kindly.

Associated editor 1 comment and response:

Comment 1:

Dear editor
Based on the opinions of the reviewers, the article was accepted

Response 1:.

We are all so greatful for your time and comment.

Editor-in-chief 1 comment and response:

Comment 1:

Dear Author,

The title of your study mentioned cohort study but there is not any evidence for your cohort!!. As you know cohort study should be described in at least 1 year or more and you should explain the trend of your study and show it in a graph. I checked your ethical code at Shiraz University it was: "Assessment of the Catastrophic Health Expenditure, Out of Pocket Payments among the Households of the Patients Who Underwent PCI (Percutaneous Coronary Intervention) and CABG (Coronary Artery Bypass Grafting): in Shiraz, Iran (2018)". there "was not any cohort"

method in your verified title. I think you should revise the method of your study as cross-sectional or another method that is suitable for your study and resubmit.

Thank you

Response 2:

We would like to thank you for your precised and valuable comment on the methodology of the study.

The title and the methodology of the study revised; that is, "a cohort study" omitted from the title, and also from the key words. In addition, we revised the study type to "This cross-sectional study with two prospective follow-ups was conducted…"

3 Revision 2

1 comment · 17 Sep 2023

Editor-in-Chief

ACCEPT 17 Sep 2023

Dear Author,
All comments were revised, and the current version of this manuscript is acceptable for publication.
Thank you