

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54853

**Title:** Remotely monitored telerehabilitation for cardiac patients: A review of the current situation

**Reviewer's code:** 03547918

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** France

**Author's Country/Territory:** Czech Republic

**Manuscript submission date:** 2020-02-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-02-21 15:15

**Reviewer performed review:** 2020-02-24 14:59

**Review time:** 2 Days and 23 Hours

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 Grade E: Do not publish	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



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☐ Yes

☐ No

#### **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting article on a major topic. Cardiac rehabilitation is a key component of the treatment regime for patients with heart disease. It has been recognized that cardiac rehabilitation improved the prognosis of patients suffering from ischemic heart disease or heart failure. Nevertheless, the attendance of patients is low, less than 1 in 4 eligible patients participated in a cardiac rehabilitation program. To increase participation in cardiac rehabilitation, a home-based program should be advantageous. In this context, telerehabilitation is a promising tool. The authors have performed a nice article on this topic.

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

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

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

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

☐ The same title



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[ ] Duplicate publication

[ ] Plagiarism

[ Y ] No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54853

**Title:** Remotely monitored telerehabilitation for cardiac patients: A review of the current situation

**Reviewer's code:** 03722832

**Position:** Editorial Board

**Academic degree:** DNB, MD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** India

**Author's Country/Territory:** Czech Republic

**Manuscript submission date:** 2020-02-21

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-02-24 16:38

**Reviewer performed review:** 2020-02-27 02:29

**Review time:** 2 Days and 9 Hours

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



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☐ Yes

☐ No

#### **SPECIFIC COMMENTS TO AUTHORS**

Reduce the syntax errors

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

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

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

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

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54853

**Title:** Remotely monitored telerehabilitation for cardiac patients: A review of the current situation

**Reviewer's code:** 00227375

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** Czech Republic

**Manuscript submission date:** 2020-02-21

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-02-25 07:09

**Reviewer performed review:** 2020-02-27 10:33

**Review time:** 2 Days and 3 Hours

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



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☐ Yes

☐ No

#### **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting review about feasibility, efficiency, and safety of remotely monitored cardiac telerehabilitation compared to traditional center-based cardiac rehabilitation. Twelve randomized controlled studies were enrolled in this review. This manuscript is nicely structured and well written. I have no question about this manuscript.

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

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

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

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

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54853

**Title:** Remotely monitored telerehabilitation for cardiac patients: A review of the current situation

**Reviewer's code:** 02584466

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Emeritus Professor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** Czech Republic

**Manuscript submission date:** 2020-02-21

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-02-24 14:32

**Reviewer performed review:** 2020-02-29 18:49

**Review time:** 5 Days and 4 Hours

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





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☐ Yes

☐ No

#### **SPECIFIC COMMENTS TO AUTHORS**

A. The content and conclusions of the report are well thought. I have one minor suggestion: The information provided in the text, Results section, and in Figure 3 should be exactly the same. That 652 studies were excluded from further analysis and the reasons for their exclusion should be added to the text. B. The English of the report needs extensive revision. Several passages are difficult to understand.

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

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

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

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

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54853

**Title:** Remotely monitored telerehabilitation for cardiac patients: A review of the current situation

**Reviewer's code:** 03849140

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Turkey

**Author's Country/Territory:** Czech Republic

**Manuscript submission date:** 2020-02-21

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-02-25 11:15

**Reviewer performed review:** 2020-02-29 20:45

**Review time:** 4 Days and 9 Hours

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



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☐ Yes

☐ No

#### **SPECIFIC COMMENTS TO AUTHORS**

The paper can be accepted on its current form.

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

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

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☐ Duplicate publication

☐ Plagiarism

☐ No

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

☐ The same title

☐ Duplicate publication

☐ Plagiarism

☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54853

**Title:** Remotely monitored telerehabilitation for cardiac patients: A review of the current situation

**Reviewer's code:** 03702209

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Greece

**Author's Country/Territory:** Czech Republic

**Manuscript submission date:** 2020-02-21

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-02-25 06:53

**Reviewer performed review:** 2020-03-01 10:47

**Review time:** 5 Days and 3 Hours

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



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☐ Yes

☐ No

### **SPECIFIC COMMENTS TO AUTHORS**

This is a narrative review of whether Telerehabilitation (TR) and mobile technologies are becoming potentially suitable alternatives through which it is possible to fill the gap over limited participation and specialist supervision. Based on this review article, TR could be an effective and safe alternative form of rehabilitation for the heart disease population compared to traditional center-based programs. Most of the TR interventions currently published provide a comprehensive approach, indicating significant development and step forward in this field of study. Our research evidence supports the implementation of TR, which may have an impact on addressing access barriers in cardiac rehabilitation programs. It would have been better if the authors performed a meta-analysis. Also the authors need to explain in more detail why some studies have been excluded. This technique has many limitations in developing countries where the elderly are not capable to use high tech technology. This should be mentioned in detail by the authors

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

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

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☐ No

***BPG Search:***

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☐ Duplicate publication

☐ Plagiarism

☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54853

**Title:** Remotely monitored telerehabilitation for cardiac patients: A review of the current situation

**Reviewer's code:** 03846820

**Position:** Editorial Board

**Academic degree:** FACC, MD

**Professional title:** Academic Research, Assistant Professor, Doctor

**Reviewer's Country/Territory:** Netherlands

**Author's Country/Territory:** Czech Republic

**Manuscript submission date:** 2020-02-21

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-02-24 13:17

**Reviewer performed review:** 2020-03-04 05:17

**Review time:** 8 Days and 16 Hours

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



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☐ Yes

☐ No

#### **SPECIFIC COMMENTS TO AUTHORS**

Dear author, This review paper represents results of the comprehensive analysis which is aiming to examine recent literature on the use of remotely monitored cardiac TR and evaluate its efficiency, utilization, and safety of these interventions. The article is written with the good English-speaking adduction of the arguments. The article is sufficiently novel and very interesting to warrant publication. All the key elements are presented and described clearly. The most discussable options in the article are: 1) Would you please kindly correct all your minor typos and grammar errors throughout the manuscript.

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

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

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☐ Plagiarism

☐ No

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

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[ ] Duplicate publication

[ ] Plagiarism

[Y ] No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 54853

**Title:** Remotely monitored telerehabilitation for cardiac patients: A review of the current situation

**Reviewer's code:** 00397579

**Position:** Editorial Board

**Academic degree:** FACC, MD, PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** Czech Republic

**Manuscript submission date:** 2020-02-21

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-02-27 04:02

**Reviewer performed review:** 2020-03-05 11:12

**Review time:** 7 Days and 7 Hours

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

☐ Yes

☐ No

#### **SPECIFIC COMMENTS TO AUTHORS**

Batalik et al systematically reviewed telerehabilitation for chronic cardiac condition. This manuscript focuses an important topic in modern healthcare. It is well-written, comprehensive, objective. Its' publication in the World Journal would be a great contribution to the literature. Minor points: 1. Page 6, para 5, line 2: there was an extra word "exercises" 2. Page 7, para 3, last line: "Mortality was defined as a severe adverse event, and assessments were included". This sentence is confusing. Please clarify it. 3. Figure 3, first para under RESULTS: the numbers did not add-up. Please clarify 4. Page 8, last para, line 3: "..... in 6 trials, and in 6 trials, it was ...." This sentence is confusing, please clarify. 5. Page 12, para 3, line 1: "competition", it might be a typo for "completion". Please check

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

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

☐ The same title

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☐ Plagiarism

☐ No



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***BPG Search:***

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No