



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 51208

**Title:** Arthroscopy combined with Unicondylar Knee Arthroplasty for treatment of Isolated Unicompartmental Knee Arthritis: a long-term comparison

**Reviewer's code:** 02856396

**Position:** Peer Reviewer

**Academic degree:** FIAC, MD, PhD

**Professional title:** Full Professor, Professor, Research Scientist

**Reviewer's country:** United States

**Author's country:** China

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2019-10-15 00:19

**Reviewer performed review:** 2019-11-04 01:16

**Review time:** 20 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 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**



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-223-8242  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

Interesting retrospective study of the clinical effect of arthroscopy combined with unicondylar knee arthroplasty and unicondylar knee arthroplasty alone for patients suffering from unicompartamental osteoarthritis. In this study, 131 knees in 117 patients were studied. The design of the study is good, the methods are clearly described. The outcome measures are good and interesting. The tables and figures are informative. This study is worth to publish after a minor language revision. A further multicenter study is suggested, to further confirm the conclusion. Congratulations.

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

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

- The same title
- Duplicate publication
- Plagiarism
- No

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

- The same title
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- Plagiarism
- No



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**Manuscript NO:** 51208

**Title:** Arthroscopy combined with Unicndylar Knee Arthroplasty for treatment of Isolated Unicompartmental Knee Arthritis: a long-term comparison

**Reviewer's code:** 02459492

**Position:** Peer Reviewer

**Academic degree:** FACE, FACG, MD

**Professional title:** Professor, Research Scientist

**Reviewer's country:** United Kingdom

**Author's country:** China

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2019-10-15 00:18

**Reviewer performed review:** 2019-11-04 01:20

**Review time:** 20 Days and 1 Hour

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 checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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<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

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Very interesting study. Knee osteoarthritis is the most prevalent of all osteoarthritis and is becoming the main reason for progressive pain in knee joints. The main reasons for failure in unicondylar knee arthroplasty includes the defects on prosthesis design, a lack of experience in surgical techniques, the progression of arthritis, and inadequate patient selection. This study described the effectiveness of arthroscopy combined with unicondylar knee arthroplasty for the treatment of unicompartmental osteoarthritis as opposed to unicondylar knee arthroplasty alone. The authors hypothesized that arthroscopy combined with unicondylar knee arthroplasty can provide better relief in clinical symptoms and alignment and reduce the revision rate simultaneously. In this point of view, this study is useful to the clinicians. I suggest to accept this study after a minor editing.

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- No

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

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