



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Orthopedics

**Manuscript NO:** 48107

**Title:** A Randomised Controlled Trial of Triclosan Coated versus Uncoated Sutures in Primary Hip and Knee Arthroplasty

**Reviewer’s code:** 03708308

**Reviewer’s country:** Italy

**Science editor:** Fang-Fang Ji

**Reviewer accepted review:** 2019-04-08 15:39

**Reviewer performed review:** 2019-04-16 16:40

**Review time:** 8 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 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

The paper is an interesting, well-organized and well-written double-blind randomised controlled trial with the aim to compare the of triclosan-coated sutures (TCS) and non-coated sutures (NCS) on wound healing and wound complications. Following



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inclusion and exclusion criteria 150 patients on 210 were included in the study and divided into 2 groups. All patients were assessed using ASEPSIS wound scoring system and a 'yes/no' questionnaire regarding the wound, moreover, their characteristics were recorded. The study highlighted the wound healing or the reduction of infections is not associated with TCS use. Comment 1: a stratification of sample is mandatory, an age-related subgroups analysis could be useful to understand if, for example, elder patients have benefited from the TCS use. Comment 2: The authors should insert a cost paragraph in discussion.

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

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

- The same title
- Duplicate publication
- Plagiarism
- No

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

- The same title
- Duplicate publication
- Plagiarism
- No