



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 39826

**Title:** Successful Endovascular Treatment in Patients with Acute Thromboembolic Ischemia of the Lower Limb Including the Crural Arteries.

**Reviewer’s code:** 01204088

**Reviewer’s country:** Japan

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-05-14

**Date reviewed:** 2018-05-16

**Review time:** 2 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 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 checked="" 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**

Giusca et al. presented the clinical safety and effectiveness of the 6F Rotarex®S system in a miniseries of 7 patients with acute lower limb ischemia affecting their crucial arteries, and concluded mechanical debulking using the 6F Rotarex®S catheter system may be a



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safe and effective treatment option in case of thrombotic or thromboembolic occlusion of the proximal and mid portion of crucial arteries in patients presenting with acute limb ischemia, especially when local thrombolysis represents an increased bleeding risk for patients. Although this study is interesting, it will be necessary to compare safety and efficacy with the other 95 patients. Page 5, line 5-9. Patients selection. Please explain how do you select these 7 patients to use the device. Page 10, line 1-5. Please show the clinical safety and effectiveness of the other 95 patients. In terms of safety and effectiveness, is there any difference between 7 cases in this series and other 95 cases?

#### **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



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 39826

**Title:** Successful Endovascular Treatment in Patients with Acute Thromboembolic Ischemia of the Lower Limb Including the Crural Arteries.

**Reviewer’s code:** 00227375

**Reviewer’s country:** Japan

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-06

**Date reviewed:** 2018-06-09

**Review time:** 3 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	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"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

This is an interesting manuscript about the safety and efficacy of mechanical debulking using the 6F Rotarex®S catheter system in seven cases of thrombotic or thromboembolic occlusion of the proximal and mid portion of crural arteries. This manuscript is nicely



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structured and well written. I have no question about this manuscript.

#### INITIAL REVIEW OF THE MANUSCRIPT

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- No

##### *BPG Search:*

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- Duplicate publication
- Plagiarism
- No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 39826

**Title:** Successful Endovascular Treatment in Patients with Acute Thromboembolic Ischemia of the Lower Limb Including the Crural Arteries.

**Reviewer’s code:** 02446706

**Reviewer’s country:** Netherlands

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-06

**Date reviewed:** 2018-06-10

**Review time:** 3 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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	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 checked="" type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

The authors describe a successful new technique in 7 patients suffering from acute limb ischemia. Minor comments: In the Core Tip section: Line 4: and ischemic symptoms. I think the authors mean and abolishing ischemic symptoms. Please mention all



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abbreviations full out in the text when they appear for the first time. Please pay attention to the style and references should be cited in accordance with the journal requirements. In the Introduction section: follow order of references (8) and (6) should be switched to (6) and (8). Table 1: 7 patients instead of 6.

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**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 39826

**Title:** Successful Endovascular Treatment in Patients with Acute Thromboembolic Ischemia of the Lower Limb Including the Crural Arteries.

**Reviewer's code:** 00060494

**Reviewer's country:** Taiwan

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-06

**Date reviewed:** 2018-06-11

**Review time:** 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	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"/> Minor revision	<input checked="" type="checkbox"/> Advanced
		<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> General
		<input type="checkbox"/> Rejection	<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

The authors report on 7 consecutive patients with acute limb ischemia, who were treated by an endovascular approach, using the 6F Rotarex®S catheter System for local mechanical thrombectomy. 1. The table 1 topic showed: Table 1. Baseline



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characteristics of our 6 patients. However, there are 7 patients in the table and text. 2. The table 1 exists typesetting error. Please re-download it. 3. The topic of figure 2 and 3 should revise. 4. Figure captions, figure 1: thromobolysis should change to thrombolysis 5. The statistical analysis seems useless in this manuscript. 6. The proper noun should use full term when it appears first time in the text, and then, all of them should be used in abbreviation. Please correct all your proper noun used in your manuscript. For example, acute limb ischemia should change to ALI in the discussion portion, first word. For example, DCB, DEB, CFA, SFA, DSA...etc. 7. What is new of your study to bring to the readers?

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**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 39826

**Title:** Successful Endovascular Treatment in Patients with Acute Thromboembolic Ischemia of the Lower Limb Including the Crural Arteries.

**Reviewer’s code:** 02446694

**Reviewer’s country:** Japan

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-06

**Date reviewed:** 2018-06-11

**Review time:** 5 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 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 checked="" 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 authors reported the efficacy of 6F Rotarex®S catheter System in 7 patients with acute limb ischemia (ALI). The manuscript seemed to be interesting, however, there were several problems to be solved. #1 The authors should illustrate the system of 6F



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Rotarex®S catheter to understand it for the readers. In addition, the authors should clarify the strength of advantages of this system, comparing those with other systems of mechanical thrombectomy. #2 The number of patients was small, so the authors should not adopt the values shown as the mean  $\pm$  standard deviation because the numerous number was not normally distributed. #3 I think that this manuscript was categorized to the "Case report".

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**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**Manuscript NO:** 39826

**Title:** Successful Endovascular Treatment in Patients with Acute Thromboembolic Ischemia of the Lower Limb Including the Crural Arteries.

**Reviewer’s code:** 00227341

**Reviewer’s country:** Italy

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-06-06

**Date reviewed:** 2018-06-12

**Review time:** 5 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 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
<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 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 Authors present 7 consecutive patients with acute limb ischemia, who were treated by an endovascular approach, using the 6F Rotarex®S catheter System for local mechanical thrombectomy. As emphasized in this paper, in literature has been reported



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a relatively small number of patients with ALI involving below the knee vessels . I suggest some comments: 1. Please specify abbreviations such as DCB(DEB), CFA, SFA, DSA in the text 2. please correct bibliographic reference of kronalge in the second page discussion line 9 ie 17 and not 18 3. please a comparison comment on thrombolysis alone. For example, Kronlage et al emphasizes how Rotarex® mechanical thrombectomy represents a safe and effective alternative to thrombolysis and is associated with a reduced rate of major bleedings, but also shorter hospitalization durations, and lower costs.

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