

PEER-REVIEW REPORT

Name of journal: *World Journal of Cardiology*

Manuscript NO: 77333

Title: Intravascular lithotripsy for coronary calcium: A case report and review of the literature

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03455028

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2022-05-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-05-14 17:02

Reviewer performed review: 2022-05-15 11:37

Review time: 18 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This article reviews the application of Shockwave intravascular lithotripsy in coronary artery calcification and lists two clinical examples. It provides a new method for cardiologists and has strong clinical application value.

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Reviewer's code: 05410379

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Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: India

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Review time: 6 Days and 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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SPECIFIC COMMENTS TO AUTHORS

1. The indications and contraindications of IVL should be further detailed in the manuscript. 2. The fundamental principles and potential mechanisms of IVL also require more explanation. This article can be referred: Kereiakes DJ, Virmani R, Hokama JY, et al. Principles of Intravascular Lithotripsy for Calcific Plaque Modification. JACC Cardiovasc Interv. 2021;14(12):1275-1292. doi:10.1016/j.jcin.2021.03.036. 3. Compared with the existing technology, such as rotablation, orbital atherectomy, and excimer laser, the advantage of IVL should be further elaborated. 4. References NO.1 to NO.8 should be changed into more innovative and influential literatures. Reference NO.11 should be checked again. 5. It would be more clearly if the authors could label a, b, c, and d in the figures. And please check whether Figure 4 cited in Case 1 is correct or not.