

## PEER-REVIEW REPORT

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

**Manuscript NO:** 74429

**Title:** Spontaneous healing of complicated crown-root fractures in children: Two case reports

**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06160637

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-12-25 04:08

**Reviewer performed review:** 2022-01-02 15:56

**Review time:** 8 Days and 11 Hours

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 Grade E: Do not publish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



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<b>Peer-reviewer statements</b>	Peer-Review: [ <b>Y</b> ] Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes [ <b>Y</b> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

Dear authors, The findings of the case report is quite interesting and worth for publication. However, please report the case report in a more meticulous manner and discuss the cases properly.

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**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05280548

**Position:** Peer Reviewer

**Academic degree:** DDS, MSc

**Professional title:** Lecturer, Research Fellow

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

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-25

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-01-12 15:56

**Reviewer performed review:** 2022-01-12 16:22

**Review time:** 1 Hour

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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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<b>Peer-reviewer statements</b>	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**

1. The authors should explain why their findings make a difference for dentists around the world and the readers of the World Journal of Clinical Cases? 2. why the fiber splint was placed on buccal surfaces?? 3. There are no sufficient detalhes about root canal treatment of the tooth 11 of case 2. 4. The manuscript needs English improvement.

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**Title:** Spontaneous healing of complicated crown-root fractures in children: Two case reports

**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 00742396

**Position:** Peer Reviewer

**Academic degree:** DDS, PhD

**Professional title:** Associate Professor, Senior Lecturer

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

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-01-10 17:36

**Reviewer performed review:** 2022-01-12 22:06

**Review time:** 2 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" 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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<b>Peer-reviewer statements</b>	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

Review of manuscript: Spontaneous healing of complicated crown-root fractures in children: two case report In general this may have been an interesting case report, especially considering the unusual CBCT images. However in both cases there are mistakes made during treatment and especially in the understanding of what exactly happened after the initial injure. Furthermore, the paper was written carelessly and in a way that does not enable fluent reading. The authors are encouraged to refer to the latest version of the IADT guideline published in 2020 and not the 2012 version: 2020 IADT Guidelines for the Evaluation and Management of Traumatic Dental Injuries Use of an occlusal mandibular pad is not recommended in the trauma guidelines Probing immediately after a traumatic dental injury is contra- indicated The authors should differentiate between the recent trauma to the previous trauma which happened one year earlier. What was the previous diagnosis and what is the current diagnosis? if the fracture line has healed , even partially, then the new traumatic injury is probably not another fracture. This should have been explained and discussed in detail in the discussion Discussion The authors confuse root fracture with complicated crown-fracture! Fig 11c is not a periapical radiograph. Nor the apex , neither the periapical are not shown. This is extremely important especially since some apical radiolucency may be evident in Fig 11b, which the authors ignored. Fig 12 – the fracture line did not become more apparent with time, instead a change of the radiographic vertical angle enables the fracture line become more visible. “the immature teeth have more sufficient blood supply with large amount of stem cells that can promote and accelerate healing” This is irrelevant since the treated roots were mature. It is expected



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that if the paper is submitted to the world journal of clinical cases the submission letter should not be addressed the journal of dental traumatology/

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**Title:** Spontaneous healing of complicated crown-root fractures in children: Two case reports

**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05989344

**Position:** Peer Reviewer

**Academic degree:** DDS, MD, MSc

**Professional title:** Assistant Professor

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

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-25

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-01-12 12:38

**Reviewer performed review:** 2022-01-13 05:47

**Review time:** 17 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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

## SPECIFIC COMMENTS TO AUTHORS

A case report titled “Spontaneous healing of complicated crown-root fractures in children: two case report” demonstrated two clinical cases with spontaneous healing of complicated crown-root fractures of permanent central incisors in children. There are some concerns that should be addressed: 1. In the Introduction, in the end of first paragraph authors should formulate the scientific gap. 2. In the Discussion new study should be added and discussed, as after trauma some complications can be developed like tooth root resorption. Heboyen A.G., Vardanyan A.R., Avetisyan A.A., Margaryan M.M., Azatyan V.Y., Yesayan L.K., Sharimanyan L.A., Martirosyan K.H. Rare clinical case of tooth root external resorption as a delayed post-traumatic complication, New Armenian Medical Journal, 2018 3. In the end of the Discussion limitations of this study should be formulated. 4. Conclusion should be added, where authors should highlight that in case of children after trauma treatment approach should be the observational (follow up) and conservative strategies. Overall It is very well written, clear, well presented, informative and interesting case report.

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**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05234011

**Position:** Editorial Board

**Academic degree:** MDS

**Professional title:** Assistant Professor

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

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-25

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-01-12 14:02

**Reviewer performed review:** 2022-01-13 06:01

**Review time:** 15 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" 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 type="checkbox"/> Accept (General priority) <input checked="" 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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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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#### **SPECIFIC COMMENTS TO AUTHORS**

the manuscript highlights the healing of young permanent teeth following crown - root fracture which was left untreated. the "regeneration or repair" finding noted in the two cases can help researchers seek further evidence through observations among such cases, and help further understand the wound healing capabilities of mesenchymal tissues around such young teeth. few comments have been added to the manuscript for revision.

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**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05239580

**Position:** Peer Reviewer

**Academic degree:** MDS

**Professional title:** Research Assistant

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

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-25

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-01-16 17:40

**Reviewer performed review:** 2022-01-16 17:43

**Review time:** 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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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**Peer-reviewer  
statements**

Peer-Review: [ ☒ ] Anonymous [ ☐ ] Onymous

Conflicts-of-Interest: [ ☐ ] Yes [ ☒ ] No

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

1. Add need of the documentation of this case report 2. How will it help the clinician 3.  
Please add more literature in your discussion

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**Provenance and peer review:** Unsolicited manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 00742448

**Position:** Editorial Board

**Academic degree:** DDS, MSc

**Professional title:** Professor

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

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-25

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-01-13 05:34

**Reviewer performed review:** 2022-01-17 09:27

**Review time:** 4 Days and 3 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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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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<b>Peer-reviewer statements</b>	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**

Dear The Author This manuscript is ready for possible publication. Regards,  
Reviewer