

## PEER-REVIEW REPORT

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

**Manuscript NO:** 81691

**Title:** Prenatal Radiographic Evaluation of Congenital Transverse Limb Deficiencies: A Scoping Review

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

**Peer-review model:** Single blind

**Reviewer's code:** 03442364

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Doctor

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

**Author's Country/Territory:** United States

**Manuscript submission date:** 2022-11-20

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-12-28 12:33

**Reviewer performed review:** 2022-12-28 12:35

**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 Grade E: Do not publish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 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

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

This is an interesting and meaningful study, and I recommend accept.

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

**Peer-review model:** Single blind

**Reviewer's code:** 06372936

**Position:** Peer Reviewer

**Academic degree:** PhD, MD

**Professional title:** Academic Research, Surgeon

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

**Author's Country/Territory:** United States

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**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-12-25 15:26

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**Review time:** 8 Days and 16 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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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## SPECIFIC COMMENTS TO AUTHORS

In this scoping review, the authors introduced radiographic evaluation of congenital transverse limb deficiencies. This scoping review summarized the current state of knowledge on congenital transverse limb deficiencies and to provide an update regarding the radiographic evaluation of congenital transverse limb deficiencies. The specific review comments: (1) How many researchers are involved in the full-text screening process? If it is done by one researcher, how do you determine the effect of offset error caused by the operation of one researcher on the screening results? (2) In this review, the authors refer to the embryology of limb development and the etiology of congenital transverse limb deficiencies. Please add a description of the main mechanisms of etiology at the embryological level of congenital transverse limb deficiencies. (3) In the section on the natural history of congenital transverse limb deficiencies, it is recommended that the second paragraph about treatment be placed in the treatment section. (4) Regarding the screening and diagnosis of congenital transverse limb deficiencies, are there other forms of screening and diagnosis available besides prenatal testing? Please add.