

World J Orthop Reviewer Comments

Reviewer Comment	Author Response	Corresponding Change
Introduction - When discussing higher nonunion rates of the proximal and distal poles, no specific comparison of the rate of union in the two fracture sites is provided.	References added that detail comparisons of unions rates	Added reference
- The sentence starting "Plain radiographs, computed tomography (CT)..." mentions that providers frequently assess the scaphoid blood supply and viability. It would seem that radiographs, CT and MRI are useful modalities to assess the viability of the scaphoid and presence/absence of AVN but not to specifically assess blood supply to the scaphoid. Consider rewording this phrase.	Agree with reviewer and sentence has been rephrased.	Rephrased to change assessment of blood supply to assessment of viability.
Assessing Perfusion in Scaphoid Nonunions - Sentence starting "Furthermore, the primary finding suggesting...." needs to be rewritten or removed. It is unclear which study the authors are talking about as a different citation is used from the sentence prior.	Agree with reviewer.	Sentence removed.
- I recommend rephrasing the bony scintigraphy paragraph to start with stating that it lacks sensitivity and resolution and eliminate the first sentence of the paragraph.	Rephrased per reviewer's recommendation.	Rephrased per reviewer's recommendation.
- As a stylistic point, mentioning "one study" or "another study" and then saying "the authors" is not pleasant to read. Instead utilizing the authors names for recognition of the aforementioned studies is much easier to read and correlate to each study.	Agree with reviewer. Per journal guidelines, references in text will include corresponding author names so correlation will be easier and it would be repetitive for the body of the text to mention author names as well.	N/a
Post-operative Assessment of Perfusion in Scaphoid Nonunions - Nonunion surgery does not always require augmentation with bone grafts. Changing this sentence to "fixation often requires".	Agree with reviewer.	Rephrased per reviewer's recommendation.
- Using the phrase proximal reperfusion is not accurate. This	Agree with reviewer.	"Proximal reperfusion" removed from manuscript

implies that all scaphoid nonunions are due to proximal fragment osteonecrosis which is not the case.		
Predicting Nonunion Formation - Avoid definitive statements and recommendations. Rather state what the evidence suggests. Saying that one study concluded a certain finding is not enough to make practice recommendations. ie. Sentence that starts "As such, MRIs cannot predict which...."	Agree with reviewer	In that paragraph and the next discussing MRIs, conclusion statements have been rephrased to reflect the opinion of a particular study rather than as globally accepted absolute statements.
Conclusions - A citation about T1-rho MRI sequences in the assessment of scaphoid nonunions is required. This is otherwise an opinion statement.	Per journal guidelines, authors are asked to postulate on possible future directions that further study of the topic can take. The statement regarding T1-Rho is a reflection of that and is in fact an opinion statement.	N/a

Scientific Editor

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