

PEER-REVIEW REPORT

Name of journal: World Journal of Orthopedics

Manuscript NO: 62158

Title: Has Platelet-Rich Plasma any role in partial tears of the Anterior Cruciate Ligament? Prospective Comparative study.

Reviewer's code: 03823493

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Germany

Author's Country/Territory: Argentina

Manuscript submission date: 2020-12-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-12-30 15:28

Reviewer performed review: 2021-01-13 07:42

Review time: 13 Days and 16 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 Grade E: Do not publish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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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

The authors describe a prospective comparative analysis of the effect of platelet lysate on healing of partial ACL tears. They found no difference in outcome. The study is easy to follow, written in an easy to follow manner, novel and relevant. They state the main limitations of the study (page 11). However, some more details in regard to this should be addressed. Patients received one injection- would it help to repeat it? The time point of injection should be stated in the abstract and it would be nice to explain, how was it selected? line 162: was it injected into the joint space or into the ACL? Discuss also the time point of injection (early within the inflammatory phase of healing or at which other phase?). Would it be better to apply it later? Is the group size of 21 and 19 patients sufficient in regard to the heterogenicity of tears (location, size) included? How about the leukocyte content of the lysate? The title reflects fully the topic of this study. Page 4, line 73 „postive Lachman“ use the same term like on page 5, line 103 Line 114: explain the abbreviation „IKDC“ International Knee Documentation Commitee Page 7, Line 178: „since“ write „during“ Line 205: „decreased“ write „decrease“ Line 206: side to side difference explain in the discussion why it became even greater in some patients Line 294: write „established“ instead of „stablished“