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1 Name of Journal: *World Journal of Orthopedics*

2 Manuscript NO: 32790

3 Manuscript Type: Systematic Review

4

5 Clinical application of concentrated bone marrow aspirate in orthopaedics:

6 systematic review

7

8 Arianna L Gianakos, Li Sun, Jay N Patel, Donald Adams, Frank A Liporace

9

10 Abstract

11 AIM: To examine the evidence behind the use of cBMA in cartilage, bone, and

12 tendon repair; establish proof of concept for the use of cBMA in these biologic

13 environments; and provide the level and quality of evidence substantiating th

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