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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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