

A Prospective, Single-Blind, Placebo-Controlled Trial of Concentrate for Knee Osteoarthritis

American Journal of Sports Medicine

45, 82-90

DOI: [10.1177/0363546516662455](https://doi.org/10.1177/0363546516662455)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Biological treatment of the knee with platelet-rich plasma or bone marrow aspirate concentrates. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 88, 670-674.	1.2	41
2	Bone marrow aspiration for regenerative orthopedic intervention: technique with ultrasound guidance for needle placement. <i>Regenerative Medicine</i> , 2017, 12, 917-928.	0.8	6
3	Arthroscopic Inside-Out Repair of a Meniscus Bucket-Handle Tear Augmented With Bone Marrow Aspirate Concentrate. <i>Arthroscopy Techniques</i> , 2017, 6, e1221-e1227.	0.5	13
4	Mesenchymal Stem Cells for Optimizing Bone Volume at the Dental Implant Recipient Site. , 0, , .		0
5	The Application of Stem Cells from Different Tissues to Cartilage Repair. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	21
6	Intraarticular injection autologous platelet-rich plasma and bone marrow concentrate in a goat osteoarthritis model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2140-2146.	1.2	14
7	Reporting Standards in Clinical Studies Evaluating Bone Marrow Aspirate Concentrate: A Systematic Review. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1366-1375.	1.3	41
8	Editorial Commentary: Not All Bone Marrow Aspirate Concentrates Are the Same: The Necessity of Detailed Reporting and Other Lessons Learned From Cell-based Treatments in Orthopaedics. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1376-1377.	1.3	1
9	Stem cell-based therapeutic strategies for cartilage defects and osteoarthritis. <i>Current Opinion in Pharmacology</i> , 2018, 40, 74-80.	1.7	129
10	Biological Treatment for Osteoarthritis of the Knee: Moving from Bench to Bedside" Current Practical Concepts. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1719-1729.	1.3	32
11	Injections for Knee Osteoarthritis: Corticosteroids, Viscosupplementation, Platelet-Rich Plasma, and Autologous Stem Cells. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1730-1743.	1.3	52
12	The Utility of Biologics, Osteotomy, and Cartilage Restoration in the Knee. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2018, 26, e11-e25.	1.1	17
13	Sheep as a model for evaluating mesenchymal stem/stromal cell (MSC)-based chondral defect repair. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 730-740.	0.6	34
14	Variability in the Preparation, Reporting, and Use of Bone Marrow Aspirate Concentrate in Musculoskeletal Disorders. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 517-525.	1.4	62
15	Osteoarthritis and stem cell therapy in humans: a systematic review. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 711-729.	0.6	117
16	Bone Marrow Cellular Therapies: Novel Therapy for Knee Osteoarthritis. <i>Journal of Knee Surgery</i> , 2018, 31, 022-026.	0.9	16
17	Bone Marrow- and Adipose Tissue-Derived Mesenchymal Stem Cells: Characterization, Differentiation, and Applications in Cartilage Tissue Engineering. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2018, 28, 285-310.	0.4	61
18	A specific protocol of autologous bone marrow concentrate and platelet products versus exercise therapy for symptomatic knee osteoarthritis: a randomized controlled trial with 2-year follow-up. <i>Journal of Translational Medicine</i> , 2018, 16, 355.	1.8	29

#	ARTICLE	IF	CITATIONS
19	Regenerative Sports Medicine: Past, Present, and Future (Adapted From the PASSOR Legacy Award) Tj ETQo 0 0 rgBT /Overlo	0.9	16
20	Silk/Fibroin Microcarriers for Mesenchymal Stem Cell Delivery: Optimization of Cell Seeding by the Design of Experiment. <i>Pharmaceutics</i> , 2018, 10, 200.	2.0	12
21	Effectiveness of a single intra-articular bone marrow aspirate concentrate (BMAC) injection in patients with grade 3 and 4 knee osteoarthritis. <i>Heliyon</i> , 2018, 4, e00871.	1.4	36
22	Injectable Systems for Intra-Articular Delivery of Mesenchymal Stromal Cells for Cartilage Treatment: A Systematic Review of Preclinical and Clinical Evidence. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3322.	1.8	25
23	Clinical Update: Why PRP Should Be Your First Choice for Injection Therapy in Treating Osteoarthritis of the Knee. <i>Current Reviews in Musculoskeletal Medicine</i> , 2018, 11, 583-592.	1.3	89
24	Refractory Knee Osteoarthritis: Adipose-Derived Stromal Cells Versus Bone Marrow Aspiration Concentrate. <i>PM and R</i> , 2018, 10, 524-532.	0.9	6
25	Biologic Injections in the Treatment of Cartilage Defects. <i>Operative Techniques in Sports Medicine</i> , 2018, 26, 162-169.	0.2	1
26	How far have biological therapies come in regenerative sports medicine?. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 785-793.	1.4	12
27	Arthritis and Joint Replacement. , 2018, , 81-109.		0
28	Short-Term Outcomes in Treatment of Knee Osteoarthritis With 4 Bone Marrow Concentrate Injections. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2018, 11, 117954411878108.	0.3	20
29	Role of White Blood Cells in Blood- and Bone Marrow-Based Autologous Therapies. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	25
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32	Orthobiologics: Today and Tomorrow. , 2018, , 131-142.		4
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34	Mesenchymal Stem Cells for Regenerative Medicine. <i>Cells</i> , 2019, 8, 886.	1.8	687
35	The efficacy of different sources of mesenchymal stem cells for the treatment of knee osteoarthritis. <i>Cell and Tissue Research</i> , 2019, 378, 399-410.	1.5	70
36	Should Platelet-Rich Plasma or Stem Cell Therapy Be Used to Treat Osteoarthritis?. <i>Rheumatic Disease Clinics of North America</i> , 2019, 45, 417-438.	0.8	14

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37	Functional Outcomes Following Microfragmented Adipose Tissue Versus Bone Marrow Aspirate Concentrate Injections for Symptomatic Knee Osteoarthritis. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1149-1156.	1.6	81
38	Arthroscopy Association of Canada Position Statement on Intra-articular Injections for Knee Osteoarthritis. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711986011.	0.8	11
39	Cell Therapyâ€”a Basic Science Primer for the Sports Medicine Clinician. <i>Current Reviews in Musculoskeletal Medicine</i> , 2019, 12, 436-445.	1.3	8
40	Articular Cartilage Regeneration in Osteoarthritis. <i>Cells</i> , 2019, 8, 1305.	1.8	113
41	PRP and BMAC for Musculoskeletal Conditions via Biomaterial Carriers. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5328.	1.8	16
42	Response to Letter to the Editor. <i>Cartilage</i> , 2019, 10, 506-507.	1.4	0
43	The Current Status of Cell-Based Therapies for Primary Knee Osteoarthritis. <i>Orthopedic Clinics of North America</i> , 2019, 50, 415-423.	0.5	13
44	A Randomized Controlled Single-Blind Study Demonstrating Superiority of Amniotic Suspension Allograft Injection Over Hyaluronic Acid and Saline Control for Modification of Knee Osteoarthritis Symptoms. <i>Journal of Knee Surgery</i> , 2019, 32, 1143-1154.	0.9	43
45	Preparing regenerative therapies for clinical application: proposals for responsible translation. <i>Regenerative Medicine</i> , 2019, 14, 77-84.	0.8	12
46	Comment Regarding Article â€œQuantitative T2 MRI Mapping and 12-Month Follow-up in a Randomized, Blinded, Placebo Controlled Trial of Bone Marrow Aspiration and Concentration for Osteoarthritis of the Kneesâ€. <i>Cartilage</i> , 2019, 10, 504-505.	1.4	0
47	Autologous Platelet-Rich Plasma and Mesenchymal Stem Cells for the Treatment of Chronic Wounds. , 2019, , .		3
48	Characterization of Growth Factors, Cytokines, and Chemokines in Bone Marrow Concentrate and Platelet-Rich Plasma: A Prospective Analysis. <i>American Journal of Sports Medicine</i> , 2019, 47, 2174-2187.	1.9	69
49	Meta-Analysis and Evidence Base for the Efficacy of Autologous Bone Marrow Mesenchymal Stem Cells in Knee Cartilage Repair: Methodological Guidelines and Quality Assessment. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	25
50	Current surgical options for the treatment of symptomatic articular cartilage lesions of the knee. <i>Orthopaedics and Trauma</i> , 2019, 33, 127-132.	0.2	1
51	Emerging therapeutic agents in osteoarthritis. <i>Biochemical Pharmacology</i> , 2019, 165, 4-16.	2.0	31
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54	Allogeneic Versus Autologous Injectable Mesenchymal Stem Cells for Knee Osteoarthritis: Review and Current Status. <i>Techniques in Orthopaedics</i> , 2019, 34, 244-256.	0.1	11

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56	Injective mesenchymal stem cell-based treatments for knee osteoarthritis: from mechanisms of action to current clinical evidences. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 2003-2020.	2.3	109
57	Quantitative T2 MRI Mapping and 12-Month Follow-up in a Randomized, Blinded, Placebo Controlled Trial of Bone Marrow Aspiration and Concentration for Osteoarthritis of the Knees. Cartilage, 2019, 10, 432-443.	1.4	55
58	Biologic Therapies for the Treatment of Knee Osteoarthritis. Journal of Arthroplasty, 2019, 34, 801-813.	1.5	57
59	Bone Marrow Aspirate Concentrate Does Not Improve Osseous Integration of Osteochondral Allografts for the Treatment of Chondral Defects in the Knee at 6 and 12 Months: A Comparative Magnetic Resonance Imaging Analysis. American Journal of Sports Medicine, 2019, 47, 339-346.	1.9	23
60	Biological Effects of Bone Marrow Concentrate in Knee Pathologies. Journal of Knee Surgery, 2019, 32, 002-008.	0.9	26
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62	Ortho-Biologics for Osteoarthritis. Clinics in Sports Medicine, 2019, 38, 123-141.	0.9	25
63	What's New in Adult Reconstructive Knee Surgery. Journal of Bone and Joint Surgery - Series A, 2019, 101, 103-111.	1.4	24
64	A Review of Commercially Available Point-of-Care Devices to Concentrate Bone Marrow for the Treatment of Osteoarthritis and Focal Cartilage Lesions. Cartilage, 2019, 10, 387-394.	1.4	28
65	Outcomes at 2-Years Follow-Up After Hip Arthroscopy Combining Bone Marrow Concentrate. Journal of Investigative Surgery, 2020, 33, 655-663.	0.6	11
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74	Topography: A Biophysical Approach to Direct the Fate of Mesenchymal Stem Cells in Tissue Engineering Applications. Nanomaterials, 2020, 10, 2070.	1.9	74
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80	Orthobiologics in Elbow Injuries. Clinics in Sports Medicine, 2020, 39, 717-732.	0.9	3
81	Bone Marrow Aspirate Concentrate: Its Uses in Osteoarthritis. International Journal of Molecular Sciences, 2020, 21, 3224.	1.8	42
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83	The use of large animals to facilitate the process of MSC going from laboratory to patientâ€”â€”bench to bedsideâ€”â€”TM. Cell Biology and Toxicology, 2020, 36, 103-114.	2.4	14
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85	The Role of Mesenchymal Stromal Cells in the Management of Osteoarthritis of the Knee. , 2020, , .		1
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93	Allogeneic umbilical cord blood-derived mesenchymal stem cells combined with high tibial osteotomy: a retrospective study on safety and early results. <i>International Orthopaedics</i> , 2021, 45, 481-488.	0.9	29
94	ADULT MESENCHYMAL STEM CELL-BASED APPROACHES FOR OSTEOARTHRITIS: CURRENT PERSPECTIVES AND CHALLENGES. <i>Journal of Musculoskeletal Research</i> , 2021, 24, 2140002.	0.1	0
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99	Mesenchymal Stem Cells in the Treatment of Cartilage Defects of the Knee: A Systematic Review of the Clinical Outcomes. <i>American Journal of Sports Medicine</i> , 2021, 49, 3716-3727.	1.9	5
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101	Potential Mechanism of Action of Current Point-of-Care Autologous Therapy Treatments for Osteoarthritis of the Knee—A Narrative Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2726.	1.8	6
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104	An Update on Mesenchymal Stem Cell-Centered Therapies in Temporomandibular Joint Osteoarthritis. <i>Stem Cells International</i> , 2021, 2021, 1-15.	1.2	13
105	Role of Scaffolds, Subchondral, Intra-Articular Injections of Fresh Autologous Bone Marrow Concentrate Regenerative Cells in Treating Human Knee Cartilage Lesions: Different Approaches and Different Results. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3844.	1.8	14
106	Cartilage Restoration and Use of Orthobiologics. <i>Techniques in Orthopaedics</i> , 2021, Publish Ahead of Print, .	0.1	0
107	Editorial Commentary: Injections for Knee Osteoarthritis: Doc, You Gotta Help Me!. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 1288-1289.	1.3	3
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#	ARTICLE	IF	CITATIONS
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112	Osteoartrite de joelho e o aspirado de medula Āssea como escolha de tratamento - Uma revisĀo narrativa. <i>Research, Society and Development</i> , 2021, 10, e17410716391.	0.0	1
113	Acetabular Bone Marrow Aspiration During Total Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2021, 29, e815-e819.	1.1	0
114	Public Opinion and Expectations of Stem Cell Therapies in Orthopaedics. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 3510-3517.e2.	1.3	6
115	Advantages and challenges of stem cell therapy for osteoarthritis (Review). <i>Biomedical Reports</i> , 2021, 15, 67.	0.9	24
116	The safety and effectiveness of bone marrow concentrate injection for knee and hip osteoarthritis: a Canadian cohort. <i>Regenerative Medicine</i> , 2021, 16, 619-628.	0.8	6
117	Selective Retention of Bone Marrow Stromal Cells with Gelatin Sponge for Repair of Intervertebral Disc Defects after Microendoscopic Discectomy: A Prospective Controlled Study and 2-Year Follow-Up. <i>BioMed Research International</i> , 2021, 2021, 1-11.	0.9	7
119	Bone Marrow Aspirate Concentrate for the Treatment of Knee Osteoarthritis: A Systematic Review. <i>American Journal of Sports Medicine</i> , 2022, 50, 2315-2323.	1.9	32
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123	Complications Following Biologic Therapeutic Injections: A Multicenter Case Series. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 2600-2605.	1.3	13
124	Molecular basis for new approaches to therapy of osteoarthritis (part I). <i>Sovremennaya Revmatologiya</i> , 2021, 15, 7-12.	0.1	0
125	Nonoperative and Operative Soft-Tissue and Cartilage Regeneration and Orthopaedic Biologics of the Knee: An Orthoregeneration Network (ON) Foundation Review. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 2704-2721.	1.3	8
126	ICRS virtual convention 2021: Orthoregenerative therapy from basic science to clinical application. <i>Journal of Cartilage & Joint Preservation</i> , 2021, 1, 100024.	0.2	1
127	Bone Marrow Concentrate Mesenchymal Stromal Cells Do not Correlate With Nucleated Cell Count or Colony Forming Units. <i>Journal of Cartilage & Joint Preservation</i> , 2021, 1, 100017.	0.2	2
128	How to Manage the Active Patient with Osteoarthritis:. , 2022, , 285-292.		0
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#	ARTICLE	IF	CITATIONS
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148	Biologics. Techniques in Vascular and Interventional Radiology, 2020, 23, 100704.	0.4	7

#	ARTICLE	IF	CITATIONS
149	Regenerative Medicine for the Knee. , 2020, , 219-224.		0
150	Regenerative Medicine for the Hip. , 2020, , 209-218.		0
151	Osteoarthritis in Basketball Players. , 2020, , 519-529.		0
153	Management of Articular Cartilage Lesions of the Glenohumeral Joint. , 2022, , 259-273.		0
154	Bone Marrow Aspirate Concentrate versus Platelet Rich Plasma or Hyaluronic Acid for the Treatment of Knee Osteoarthritis. Medicina (Lithuania), 2021, 57, 1193.	0.8	28
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156	PAST, CURRENT AND FUTURE INTERVENTIONAL ORTHOBIOLOGICS TECHNIQUES AND HOW THEY RELATE TO REGENERATIVE REHABILITATION: A CLINICAL COMMENTARY. International Journal of Sports Physical Therapy, 2020, 15, 301-325.	0.5	4
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