

# Stem Cell Therapy for Craniofacial Bone Regeneration: Feasibility Trial

Cell Transplantation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Regenerative Strategies for Craniofacial Disorders. <i>Frontiers in Physiology</i> , 2012, 3, 453.	1.3	18
2	Stem cells in dentistry – Part II: Clinical applications. <i>Journal of Prosthodontic Research</i> , 2012, 56, 229-248.	1.1	148
3	Comparison of the Use of Adipose Tissue-Derived and Bone Marrow-Derived Stem Cells for Rapid Bone Regeneration. <i>Journal of Dental Research</i> , 2013, 92, 1136-1141.	2.5	48
4	Stem Cell Transplantation in Traumatic Spinal Cord Injury: A Systematic Review and Meta-Analysis of Animal Studies. <i>PLoS Biology</i> , 2013, 11, e1001738.	2.6	107
5	Surgical Approaches Based on Biological Objectives: GTR versus GBR Techniques. <i>International Journal of Dentistry</i> , 2013, 2013, 1-13.	0.5	29
6	Mesenchymal Stem Cells Systemically Injected into Femoral Marrow of Dogs Home to Mandibular Defects to Enhance New Bone Formation. <i>Tissue Engineering - Part A</i> , 2014, 20, 140120073424008.	1.6	18
7	Regeneration of the Living Pulp. , 2014, , 237-250.		1
9	Standardization and Safety of Alveolar Bone-derived Stem Cell Isolation. <i>Journal of Dental Research</i> , 2014, 93, 55-61.	2.5	53
10	Optimized Cell Survival and Seeding Efficiency for Craniofacial Tissue Engineering Using Clinical Stem Cell Therapy. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1495-1503.	1.6	29
11	Advanced Biomatrix Designs for Regenerative Therapy of Periodontal Tissues. <i>Journal of Dental Research</i> , 2014, 93, 1203-1211.	2.5	47
12	The Dental Pulp. , 2014, , .		20
13	Safety in mesenchymal stem cell transplantation. <i>Biomedical Research and Therapy</i> , 2014, 1, .	0.3	3
14	Ability of stem and progenitor cells in the dental pulp to form hard tissue. <i>Japanese Dental Science Review</i> , 2015, 51, 75-83.	2.0	11
15	Hard tissue regeneration using bone substitutes: an update on innovations in materials. <i>Korean Journal of Internal Medicine</i> , 2015, 30, 279.	0.7	61
16	Manufacturing of dental pulp cell-based products from human third molars: current strategies and future investigations. <i>Frontiers in Physiology</i> , 2015, 6, 213.	1.3	33
17	Clinical Application of Mesenchymal Stem Cells and Novel Supportive Therapies for Oral Bone Regeneration. <i>BioMed Research International</i> , 2015, 2015, 1-16.	0.9	55
18	Comparative Investigation of Human Amniotic Epithelial Cells and Mesenchymal Stem Cells for Application in Bone Tissue Engineering. <i>Stem Cells International</i> , 2015, 2015, 1-14.	1.2	28
19	Preliminary In Vitro Assessment of Stem Cell Compatibility with Cross-Linked Poly( $\mu$ -caprolactone) Tj ETQq1 1 0.784314 rgBT /Overl... 2015, 1-8.	1.2	27

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20	Recent advances in bone regeneration using adult stem cells. World Journal of Stem Cells, 2015, 7, 630.	1.3	37
21	Bone Engineering of Maxillary Sinus Bone Deficiencies Using Enriched CD90+ Stem Cell Therapy: A Randomized Clinical Trial. Journal of Bone and Mineral Research, 2015, 30, 1206-1216.	3.1	76
22	Emerging Regenerative Approaches for Periodontal Reconstruction: A Systematic Review From the AAP Regeneration Workshop. Journal of Periodontology, 2015, 86, S134-52.	1.7	60
23	Production of Human Dental Pulp Cells with a Medicinal Manufacturing Approach. Journal of Endodontics, 2015, 41, 1492-1499.	1.4	24
24	Vascularization of hollow channel-modified porous silk scaffolds with endothelial cells for tissue regeneration. Biomaterials, 2015, 56, 68-77.	5.7	132
25	Current Concepts of Bone Tissue Engineering for Craniofacial Bone Defect Repair. Craniomaxillofacial Trauma & Reconstruction, 2015, 8, 23-30.	0.6	65
27	Comparison of Mesenchymal Stem Cells Isolated From Pulp and Periodontal Ligament. Journal of Periodontology, 2015, 86, 283-291.	1.7	50
28	Clinical Applications of Cell-Based Approaches in Alveolar Bone Augmentation: A Systematic Review. Clinical Implant Dentistry and Related Research, 2015, 17, e17-34.	1.6	19
29	Periodontal Regeneration. , 2015, , 459-469.		17
30	Restoration of a Critical Mandibular Bone Defect Using Human Alveolar Bone-Derived Stem Cells and Porous Nano-HA/Collagen/PLA Scaffold. Stem Cells International, 2016, 2016, 1-13.	1.2	47
31	A Comparative Evaluation of the Mechanical Properties of Two Calcium Phosphate/Collagen Composite Materials and Their Osteogenic Effects on Adipose-Derived Stem Cells. Stem Cells International, 2016, 2016, 1-12.	1.2	17
32	Stem Cells Applications in Regenerative Medicine and Disease Therapeutics. International Journal of Cell Biology, 2016, 2016, 1-24.	1.0	394
33	Dental and Nondental Stem Cell Based Regeneration of the Craniofacial Region: A Tissue Based Approach. Stem Cells International, 2016, 2016, 1-20.	1.2	18
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35	Bone Regeneration in Implant Dentistry: Role of Mesenchymal Stem Cells. , 2016, , .		2
36	Advanced Engineering Strategies for Periodontal Complex Regeneration. Materials, 2016, 9, 57.	1.3	31
37	Vertical Bone Augmentation Using Bone Marrow-Derived Stem Cells. Implant Dentistry, 2016, 25, 54-62.	1.7	11
38	Mesenchymal stem cells and alginate microcarriers for craniofacial bone tissue engineering: A review. Journal of Biomedical Materials Research - Part A, 2016, 104, 1276-1284.	2.1	49

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39	Treatment of Peri-Implant Defects in the Rabbit's Tibia with Adipose or Bone Marrow-Derived Mesenchymal Stems Cells. <i>Clinical Implant Dentistry and Related Research</i> , 2016, 18, 1003-1014.	1.6	7
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42	Stem cell regenerative potential for plastic and reconstructive surgery. <i>Cell and Tissue Banking</i> , 2016, 17, 735-744.	0.5	9
43	Recent Advances in Stem Cells. <i>Pancreatic Islet Biology</i> , 2016, , .	0.1	1
44	Design of Injectable Materials to Improve Stem Cell Transplantation. <i>Current Stem Cell Reports</i> , 2016, 2, 207-220.	0.7	134
45	Stem Cells for Periodontal Regeneration. <i>Pancreatic Islet Biology</i> , 2016, , 165-186.	0.1	0
46	Regenerative Medicine in Facial Plastic and Reconstructive Surgery. <i>JAMA Facial Plastic Surgery</i> , 2016, 18, 391-394.	2.2	9
47	Bone Marrow Stromal Stem Cells in Tissue Engineering and Regenerative Medicine. <i>Hormone and Metabolic Research</i> , 2016, 48, 700-713.	0.7	101
48	Bone Marrow Stromal Stem Cells for Bone Repair: Basic and Translational Aspects. <i>Pancreatic Islet Biology</i> , 2016, , 213-232.	0.1	4
50	Dental Stem Cells. <i>Pancreatic Islet Biology</i> , 2016, , .	0.1	2
51	Dental Stem Cells: Possibility for Generation of a Bio-tooth. <i>Pancreatic Islet Biology</i> , 2016, , 167-196.	0.1	2
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53	Regenerative Medicine for Periodontal and Peri-implant Diseases. <i>Journal of Dental Research</i> , 2016, 95, 255-266.	2.5	194
54	Preclinical Studies of Stem Cell Transplantation in Intracerebral Hemorrhage: a Systemic Review and Meta-Analysis. <i>Molecular Neurobiology</i> , 2016, 53, 5269-5277.	1.9	27
55	Evolving New Strategies for Periodontal, Endodontic, and Alveolar Bone Regeneration. , 2017, , 109-137.		1
56	Similarities and differences between porcine mandibular and limb bone marrow mesenchymal stem cells. <i>Archives of Oral Biology</i> , 2017, 77, 1-11.	0.8	28
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58	Can stem cells enhance bone formation in the human edentulous alveolar ridge? A systematic review and meta-analysis. <i>Cell and Tissue Banking</i> , 2017, 18, 217-228.	0.5	13
59	Exercise affects biological characteristics of mesenchymal stromal cells derived from bone marrow and adipose tissue. <i>International Orthopaedics</i> , 2017, 41, 1199-1209.	0.9	17
62	The Effects of Adipose-Derived Stem Cells Differentiated Into Endothelial Cells and Osteoblasts on Healing of Critical Size Calvarial Defects. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 1874-1879.	0.3	14
63	A novel cytotherapy device for rapid screening, enriching and combining mesenchymal stem cells into a biomaterial for promoting bone regeneration. <i>Scientific Reports</i> , 2017, 7, 15463.	1.6	13
64	Amniotic fluid-derived stem cells mixed with platelet rich plasma for restoration of rat alveolar bone defect. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 197-207.	0.9	14
65	Role of Mesenchymal Stem Cells in Bone Regenerative Medicine: What Is the Evidence?. <i>Cells Tissues Organs</i> , 2017, 204, 59-83.	1.3	258
66	Stem cell therapy for reconstruction of alveolar cleft and trauma defects in adults: A randomized controlled, clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 793-801.	1.6	56
67	The Role of Skeletal Stem Cells in the Reconstruction of Bone Defects. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 1136-1141.	0.3	8
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70	Stem cells and dental tissue reconstruction. , 2017, , 325-353.		2
71	Emerging Perspectives in Scaffold for Tissue Engineering in Oral Surgery. <i>Stem Cells International</i> , 2017, 2017, 1-11.	1.2	68
72	Immunomodulatory oligonucleotide IMT504: Effects on mesenchymal stem cells as a first-in-class immunoprotective/immunoregenerative therapy. <i>World Journal of Stem Cells</i> , 2017, 9, 45.	1.3	8
73	Lower Senescence of Adipose-Derived Stem Cells than Donor-Matched Bone Marrow Stem Cells for Surgical Ventricular Restoration. <i>Stem Cells and Development</i> , 2018, 27, 612-623.	1.1	15
74	Bone tissue engineering in oral peri-implant defects in preclinical<i>in vivo</i> research: A systematic review and meta-analysis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e336-e349.	1.3	28
75	A Review of Randomized Controlled Trials in Cleft and Craniofacial Surgery. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 293-301.	0.3	18
76	Homeobox genes and tooth development: Understanding the biological pathways and applications in regenerative dental science. <i>Archives of Oral Biology</i> , 2018, 85, 23-39.	0.8	27
77	Repair of maxillary cystic bone defects with mesenchymal stem cells seeded on a cross-linked serum scaffold. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 222-229.	0.7	35
78	Topics of regenerative medicine for prosthodontists. <i>Annals of Japan Prosthodontic Society</i> , 2018, 10, 105-110.	0.0	0

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79	Preconditioning of bone marrow-derived mesenchymal stem cells with N-acetyl-L-cysteine enhances bone regeneration via reinforced resistance to oxidative stress. <i>Biomaterials</i> , 2018, 185, 25-38.	5.7	61
80	Recent Advances in Stem Cell and Tissue Engineering. , 2018, , .		0
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82	Autologous liquid platelet rich fibrin: A novel drug delivery system. <i>Acta Biomaterialia</i> , 2018, 75, 35-51.	4.1	85
83	The Role of Fibroblast Growth Factors in Tooth Development and Incisor Renewal. <i>Stem Cells International</i> , 2018, 2018, 1-14.	1.2	27
84	Macrophages: The Bridge between Inflammation Resolution and Tissue Repair?. <i>Journal of Dental Research</i> , 2018, 97, 1079-1081.	2.5	48
85	Cell therapy induced regeneration of severely atrophied mandibular bone in a clinical trial. <i>Stem Cell Research and Therapy</i> , 2018, 9, 213.	2.4	132
86	Continuing Challenges in Advancing Preclinical Science in Skeletal Cell-Based Therapies and Tissue Regeneration. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1721-1728.	3.1	7
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90	A biomimetic self-assembling peptide promotes bone regeneration in vivo: A rat cranial defect study. <i>Bone</i> , 2019, 127, 602-611.	1.4	32
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94	Combination of polyetherketoneketone scaffold and human mesenchymal stem cells from temporomandibular joint synovial fluid enhances bone regeneration. <i>Scientific Reports</i> , 2019, 9, 472.	1.6	30
95	Barrier membranes: More than the barrier effect?. <i>Journal of Clinical Periodontology</i> , 2019, 46, 103-123.	2.3	148
96	Personalized scaffolding technologies for alveolar bone regenerative medicine. <i>Orthodontics and Craniofacial Research</i> , 2019, 22, 69-75.	1.2	32
97	Comparative characterization of mesenchymal stem cells from human dental pulp and adipose tissue for bone regeneration potential. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1577-1584.	1.9	64

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98	Bone, Periodontal and Dental Pulp Regeneration in Dentistry: A Systematic Scoping Review. <i>Brazilian Dental Journal</i> , 2019, 30, 77-95.	0.5	19
99	Extraction Socket Preservation Using Growth Factors and Stem Cells: a Systematic Review. <i>Journal of Oral &amp; Maxillofacial Research</i> , 2019, 10, e7.	0.3	13
100	Bone Tissue Regeneration in the Oral and Maxillofacial Region: A Review on the Application of Stem Cells and New Strategies to Improve Vascularization. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	65
101	Exosomes from conditioned media of bone marrow-derived mesenchymal stem cells promote bone regeneration by enhancing angiogenesis. <i>PLoS ONE</i> , 2019, 14, e0225472.	1.1	135
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104	Assessment of Hedgehog Signaling Pathway Activation for Craniofacial Bone Regeneration in a Critical-Sized Rat Mandibular Defect. <i>JAMA Facial Plastic Surgery</i> , 2019, 21, 110-117.	2.2	16
105	Mesenchymal Stem Cells for Periodontal Tissue Regeneration in Elderly Patients. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1351-1358.	1.7	6
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114	&lt;p&gt;Osteoimmune Modulation and Guided Osteogenesis Promoted by Barrier Membranes Incorporated with S-Nitrosoglutathione (GSNO) and Mesenchymal Stem Cell-Derived Exosomes&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3483-3496.	3.3	26
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135	Recent advances in regenerative medicine. , 2020, , 367-412.		0
136	Recent advances in biomaterials as instructive scaffolds for stem cells in tissue repair and regeneration. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 425-443.	1.8	3
138	Intraoral Bone Regeneration Using Stem Cells - What a Clinician Needs to Know: Based on a 15-Year MEDLINE Search. Frontiers in Dentistry, 0, , .	0.6	0
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145	PERIODONTAL REGENERATION WITH OSSEOUS GRAFTS: A REVIEW. , 2022, , 12-16.		0
146	Cranio-maxillofacial derived bone marrow mesenchymal stem/stromal cells (BMSCs) for cranio-maxillofacial bone tissue engineering: A literature review. Journal of Stomatology, Oral and Maxillofacial Surgery, 2022, 123, e650-e659.	0.5	6
147	Spheroid co-culture of BMSCs with osteocytes yields ring-shaped bone-like tissue that enhances alveolar bone regeneration. Scientific Reports, 2022, 12, .	1.6	3
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150	Applications of regenerative techniques in adult orthodontics. Frontiers in Dental Medicine, 0, 3, .	0.5	0
151	Stem Cells and Dentofacial Orthodontic Treatment Potential. Journal of the California Dental Association, 2021, 49, 677-684.	0.0	0
152	The current regenerative medicine approaches of craniofacial diseases: A narrative review. Frontiers in Cell and Developmental Biology, 0, 11, .	1.8	11
153	Tissue Induction in Plastic and Maxillo-facial Surgery. , 0, , .		0
154	Regenerative Potential of Granulation Tissue in Periodontitis: A Systematic Review and Meta-analysis. Stem Cells International, 2023, 2023, 1-11.	1.2	0

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