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Regenerative aspects in Prosthodontics: A Review

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ABSTRACT

Introduction of regenerative therapy in prosthodontics played a pivotal role in hard and soft tissue regeneration mechanism which included angiogenesis, osteogenesis, neurogenesis and chondrogenesis. Practical application of this technology in prosthodontics can be beneficial in cases of maxillary sinus elevation, mandibular atrophy, pathologic conditions of bone, trauma, physiologic bone loss, craniofacial skeletal bone defects, periimplantitis, Muscle disorders, Temporomandibular Defects, neural degeneration etc. Tissue Engineering is the process used for regeneration of damaged tissue by using stem cells or progenitor cells with help of scaffolds and signalling molecules.

Keywords: Regenerative, Prosthodontics, dental stem cells, tissue engineering

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