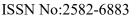
Reg. No: RJ17D0105798









Journal of Oral Surgery Oral Pathology and Oral Medicine An Official Publication of Bureau for Health & Education Status Upliftment (Constitutionally Entitled As Health-Education, Bureau)

Stem Cells in Dentistry

Saaransh Handa¹, Dr. Priya Nimish Deo²

¹Second year undergraduate student, Bharati Vidyapeeth, Pune- 411046
²Department of Oral Pathology and Microbiology, Bharati Vidyapeeth, Pune- 411046

Email Id: <u>serviceheb@gmail.com</u>

ABSTRACT:

Stem cells are cells that have a remarkable ability to self-renew and regenerate. Stem cells can be converted into desirable cells using the right biochemical signals. For several years, dental tissues have been studied as a possible source for stem cell isolation. Good pulp, intact blood flow, the absence of infection, deep caries, and other pathologies are all important conditions for dental tissue stem cells. Dental pulp stem cells have opened up new avenues for therapeutic use, including the regeneration of dentine, periodontal tissue, and craniofacial bone-joint tissue, as well as the treatment of neuro-trauma, autoimmune disorders, myocardial infarction, muscular dystrophy, and connective tissue harm. The aim of this article is to quickly review the available literature on stem cells in terms of their properties, forms, and advantages as they relate to dental stem cells.

KEY WORDS: dental follicle, stem cells, stem cell marker, tooth regeneration, Dental tissue, Regenerative dentistry

Access this Article Online	
Website: http://heb-nic.in/osopom-issues/	Quick Response Code:
Received for JOPD 26/05/2021	
Accepted for JOPD 04/06/2021 © HEB All rights reserved	