



**TECHNICAL RESEARCH DOCUMENTS  
AND MEDICAL PUBLICATIONS FOR:**

# **COSMETIC SURGERY**

January 2018

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# TECHNICAL RESEARCH DOCUMENTS AND MEDICAL PUBLICATIONS FOR: COSMETIC AND RECONSTRUCTIVE SURGERY

Dental pulp stem cells have been shown to differentiate into adipocytes – fat cells. While most people are trying to get rid of fat from their bodies, fat is a useful tissue in reconstructive surgery after mastectomy and cosmetic surgery.

## Paper 1:

### **In vivo evaluation of human dental pulp stem cells differentiated towards multiple lineages.**

Zhang W, Walboomers XF, Van Kuppevelt TH, Daamen WF, Van Damme PA, Bian Z, Jansen JA. J Tissue Eng Regen Med. 2008 Mar-Apr;2(2-3):117-25. PMID: 18338838

<http://www.ncbi.nlm.nih.gov/pubmed/18338838>

Dental pulp stem cells could be used to heal wounds due to injury, surgery, infection, and disease.

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## Paper 2:

### **Human Deciduous Teeth Dental Pulp Cells With Basic Fibroblast Growth Factor Enhance Wound Healing of Skin Defect.**

Nishino Y, Ebisawa K, Yamada Y, Okabe K, Kamei Y, Ueda M. J Craniofac Surg. 2011 Mar 9. [Epub ahead of print]. PMID: 21403563

<http://www.ncbi.nlm.nih.gov/pubmed/21403563>

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## Paper 3:

### **Stem cells from human exfoliated deciduous teeth (SHED) enhance wound healing and the possibility of novel cell therapy.**

Nishino Y, Yamada Y, Ebisawa K, Nakamura S, Okabe K, Umemura E, Hara K, Ueda M. Cytotherapy. 2011 Feb 22. [Epub ahead of print]. PMID: 21341975

<http://www.ncbi.nlm.nih.gov/pubmed/21341975>