

Integrative Oral Medicine meets Aesthetic Dentistry: Mission Possible

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Literature

1. Strahler, J.; Skoluda, N.; Rohleder, N.; Nater, U.M. Dysregulated Stress Signal Sensitivity and Inflammatory Disinhibition as a Pathophysiological Mechanism of Stress-Related Chronic Fatigue. *Neurosci Biobehav Rev* 2016, *68*, 298–318, doi:10.1016/j.neubiorev.2016.05.008.
2. Den Weg ebnen für eine gesunde Zahnmedizin – ZWP online – das Nachrichtenportal für die Dentalbranche Available online: <https://www.zwp-online.info/zwpnews/dental-news/branchenmeldungen/den-weg-ebnen-fur-eine-gesunde-zahnmedizin> (accessed on 17 October 2022).
3. Lechner, J.; Zimmermann, B.; Schmidt, M. Focal Bone-Marrow Defects in the Jawbone Determined by Ultrasonography-Validation of New Trans-Alveolar Ultrasound Technique for Measuring Jawbone Density in 210 Participants. *Ultrasound Med Biol* 2021, *47*, 3135–3146, doi:10.1016/j.ultrasmedbio.2021.07.012.
4. Chrcanovic, B.R.; Albrektsson, T.; Wennerberg, A. Bone Quality and Quantity and Dental Implant Failure: A Systematic Review and Meta-Analysis. *Int J Prosthodont* 2017, *30*, 219–237, doi:10.11607/ijp.5142.
5. Lechner, J.; Mayer, W. Mitochondrial Function and Root-Filled Teeth – Detrimental and Unknown Interfaces in Systemic Immune Diseases. *Int J Gen Med* 2020, *13*, 387–402, doi:10.2147/IJGM.S258170.
6. Rutkowski, R.; Smeets, R.; Neuhöffer, L.; Stolzer, C.; Strick, K.; Gosau, M.; Sehner, S.; Volz, K.U.; Henningsen, A. Success and Patient Satisfaction of Immediately Loaded Zirconia Implants with Fixed Restorations One Year after Loading. *BMC Oral Health* 2022, *22*, 198, doi:10.1186/s12903-022-02231-0.
7. Lechner, J.; von Baehr, V. RANTES and Fibroblast Growth Factor 2 in Jawbone Cavitations: Triggers for Systemic Disease? *Int J Gen Med* 2013, *6*, 277–290, doi:10.2147/IJGM.S43852.
8. Stübinger, S.; Sader, R.; Filippi, A. The Use of Ozone in Dentistry and Maxillofacial Surgery: A Review. *Quintessence Int* 2006, *37*, 353–359.
9. Miron, R.J.; Zucchelli, G.; Pikos, M.A.; Salama, M.; Lee, S.; Guillemette, V.; Fujioka-Kobayashi, M.; Bishara, M.; Zhang, Y.; Wang, H.-L.; et al. Use of Platelet-Rich Fibrin in Regenerative Dentistry: A Systematic Review. *Clin Oral Invest* 2017, *21*, 1913–1927, doi:10.1007/s00784-017-2133-z.

10. Xu, J.; Gou, L.; Zhang, P.; Li, H.; Qiu, S. Platelet-Rich Plasma and Regenerative Dentistry. *Aust Dent J* 2020, *65*, 131–142, doi:10.1111/adj.12754.
11. Simonpieri, A.; Del Corso, M.; Vervelle, A.; Jimbo, R.; Inchingolo, F.; Sammartino, G.; Dohan Ehrenfest, D.M. Current Knowledge and Perspectives for the Use of Platelet-Rich Plasma (PRP) and Platelet-Rich Fibrin (PRF) in Oral and Maxillofacial Surgery Part 2: Bone Graft, Implant and Reconstructive Surgery. *Curr Pharm Biotechnol* 2012, *13*, 1231–1256, doi:10.2174/138920112800624472.
12. Ghanaati, S.; Choukroun, J.; Volz, U.; Hueber, R.; Mourão, C.; Sader, R.; Kawase-Koga, Y.; Mazhari, R.; Amrein, K.; Meybohm, P.; et al. One Hundred Years after Vitamin D Discovery: Is There Clinical Evidence for Supplementation Doses? *International Journal of Growth Factors and Stem Cells in Dentistry* 2020, *3*, 3–11.
13. Tanaka, K.; Roberts, M.H.; Yamamoto, N.; Sugiura, H.; Uehara, M.; Hopkin, J.M. Upregulating Promoter Polymorphisms of RANTES Relate to Atopic Dermatitis. *Int J Immunogenet* 2006, *33*, 423–428, doi:10.1111/j.1744-313X.2006.00635.x.
14. Schick, F.; Lechner, J.; Notter, F. Linking Dentistry and Chronic Inflammatory Autoimmune Diseases - Can Oral and Jawbone Stressors Affect Systemic Symptoms of Atopic Dermatitis? A Case Report. *Int Med Case Rep J* 2022, *15*, 323–338, doi:10.2147/IMCRJ.S367434.
15. Navarro-Escobar, E.; Baca, P.; Ruiz-Linares, M.; Arias-Moliz, M.T.; Perez-Heredia, M.; Ferrer-Luque, C.M. Bacterial Leakage in Root Canals Filled with AH Plus and Dentine Bonding Agents. *Acta Odontol Scand* 2014, *72*, 819–824, doi:10.3109/00016357.2014.913196.
16. Brosco, V.H.; Bernardineli, N.; Torres, S.A.; Consolaro, A.; Bramante, C.M.; de Moraes, I.G.; Ordinola-Zapata, R.; Garcia, R.B. Bacterial Leakage in Obturated Root Canals-Part 2: A Comparative Histologic and Microbiologic Analyses. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2010, *109*, 788–794, doi:10.1016/j.tripleo.2009.11.036.
17. Oliveira, A.C.M.; Tanomaru, J.M.G.; Faria-Junior, N.; Tanomaru-Filho, M. Bacterial Leakage in Root Canals Filled with Conventional and MTA-Based Sealers. *International Endodontic Journal* 2011, *44*, 370–375, doi:10.1111/j.1365-2591.2011.01852.x.
18. Siqueira, J.F.; Rôças, I.N. Polymerase Chain Reaction-Based Analysis of Microorganisms Associated with Failed Endodontic Treatment. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2004, *97*, 85–94, doi:10.1016/s1079-2104(03)00353-6.
19. Lechner, J.; Schmidt, M.; von Baehr, V.; Schick, F. Undetected Jawbone Marrow Defects as Inflammatory and Degenerative Signaling Pathways: Chemokine RANTES/CCL5 as a Possible Link Between the Jawbone and Systemic Interactions? *J Inflamm Res* 2021, *14*, 1603–1612, doi:10.2147/JIR.S307635.