

Literaturliste

Laserzahnheilkunde – eine Übersicht

Dr. Timo Simniok/Wedemark

Laser Journal 2/12

[1] Einstein (1917):

Zur Quantentheorie der Strahlung. Phys Z 18, 121-128

[2] Deppe H, Lüth T, Wolff KD (2011):

Laser-Anwendungen in der Zahnärztlichen Chirurgie – Update 2011. DZZ 6:424-31

[3] Simniok (2011):

Behandlung von Klasse-V-Kavitäten mit dem Er:YAG-Laser. Digital_dental.News 5:10-5

[4] Gebührenordnung für Zahnärzte (GOZ)

Kommentar der Bundeszahnärztekammer in Zusammenarbeit mit den (Landes-) Zahnärztekammern, Stand 20. Januar 2012

[5] Walsh JT, Deutsch TF (1989):

Er:YAG laser ablation of tissue: measurement of ablation rates. Lasers Surg Med 9:327-37

[6] Delmé, K., Meire, M., De Bruyne, M., Nammour, S., De Moor, R. (2009):

Cavity preparation using an Er:YAG laser in the adult dentition. Rev Belge Med Dent 4(2):71-80

[7] Matsumoto, K. Nakamura, Y., Mazeki, K., Kimura, Y. (1996):

Clinical dental application of Er:YAG laser for Class V cavity preparation. J Clin Laser Med Surg 14(3):123-127.

[8] Moritz, A., Schoop, U., Goharkhay, K., Szakacs, S., Speer, W., Schweidler, E., Werisch, J., Gutknecht, N. (1998) :

Procedures for enamel and dentin conditioning: a comparison of conventional and innovative methods. J Esthet dent 10(2): 84-93.

[9] Celik, E.U., Erucu, Z., Turkun, L.S., Turkun, M., (2006):

Shear bond strength of different adhesives to Er:YAG laser-prepared dentin. J Adhes Dent 8(5).319-325.

[10] Trajtenberg, C.P., Pereira, P.N., Powers, J.M. (2004):

Resin bound strength and micromorphology of human teeth prepared with an Er:YAG laser. Am J Dent 17(5):331-6.

[11] Beer F:

Chirurgie; in Orale Lasertherapie; Hrsg. Moritz A; Quintessenz, Berlin 2006, 454-5

[12] Simniok (2012):

Die Entfernung eines Implantates mit dem Er:YAG-Laser – Ein Fallbericht. *Laser J* 3:24-7

[13] Kreisler M, Al Haj H, d'Hoedt B (2002):

Temperature changes at the implant-bone interface during simulated surface decontamination with an Er:YAG laser. *Int J Prosthodont* 15:582-7

[14] Walsh JT, Flotte TJ, Deutsch TF (1989):

Er:YAG laser ablation of tissue: effect of pulse duration and tissue type on thermal damage. *Lasers Surg Med* 9:314-26

[15] Pourzarandian A, Watanabe H, Aoki A, Ichinose S, Sasaki KH, Nitta H, Ishikawa I (2004)

Histological and TEM examination of early stages of bone healing after Er:YAG laser irradiation. *Photomed Laser Surg* 22:342-50

[16] Eltas A, Orbak R (2011):

Effect of 1,064-nm Nd:YAG laser therapy on GCF IL-1 β and MMP-8 levels in patients with chronic periodontitis. *Lasers Med Sci.* 26.

[17] Braham P, Herron C, Street C, Darveau R (2009)

Antimicrobial photodynamic therapy may promote periodontal healing through multiple mechanisms. *J Periodontol.*80(11):1790-8.

[18] Simniok (2010):

Problemfall Periimplantitis – Der Er:YAG-Laser hilft. *Implantologie J* 4:46-8

[19] Schwarz F, Rothamel D, Becker J (2003)

Influence of an Er:YAG laser on the surface structure of titanium implants. *Schweiz Monatsschr Zahnmed* 113:660-71

[20] Lang H, Borgert S (2008):

Periimplantitis – eine therapeutische Herausforderung. *DZZ* 3:158-9

[21] Nelson JS, Orenstein A, Liaw LW, Berns MW (1989)

Mid-infrared erbium:YAG laser ablation of bone: the effect of laser osteotomy on bone healing. *Laser Surg Med* 9:362-74

[22] Pourzarandian A, Watanabe H, Aoki A, Ichinose S, Sasaki KH, Nitta H, Ishikawa I (2004)

Histological and TEM examination of early stages of bone healing after Er:YAG laser irradiation. *Photomed Laser Surg* 22:342-50