

Studien

CO₂ Laser in der Periimplantitis

Conventional versus CO₂ laser-assisted treatment of peri-implant defects with the concomitant use of pure-phase beta-tricalcium phosphate: a 5-year clinical report.
Deppe H, Horch HH, Neff A.

Int J Oral Maxillofac Implants. 2007 Jan-Feb;22(1):79-86.

[\[link\]](#)

Bone regeneration after peri-implant care with the CO₂ laser: a fluorescence microscopy study.

Stubinger S, Henke J, Donath K, Deppe H.

Int J Oral Maxillofac Implants. 2005 Mar-Apr;20(2):203-10.

[\[link\]](#)

Surface properties of endosseous dental implants after NdYAG and CO₂ laser treatment at various energies.

Park CY, Kim SG, Kim MD, Eom TG, Yoon JH, Ahn SG.

J Oral Maxillofac Surg. 2005 Oct;63(10):1522-7.

[\[link\]](#)

CO₂ lasers and temperature changes of titanium implants.

Oyster DK, Parker WB, Gher ME.

J Periodontol. 1995 Dec;66(12):1017-24.

[\[link\]](#)

Effect of simulated CO₂ and GaAlAs laser surface decontamination on temperature changes in Ti-plasma sprayed dental implants.

Kreisler M, Al Haj H, Gotz H, Duschner H, d'Hoedt B.

Lasers Surg Med. 2002;30(3):233-9

[\[link\]](#)

Temperature increases during surface decontamination of titanium implants using CO₂ laser.

Mouhyi J, Sennerby L, Nammour S, Guillaume P, Van Reck J.

Clin Oral Implants Res. 1999 Feb;10(1):54-61.

[\[link\]](#)

The effect of CO₂ laser irradiation on failed implant surfaces.

Shibli JA, Theodoro LH, Haypek P, Garcia VG, Marcantonio E Jr.

Implant Dent. 2004 Dec;13(4):342-51

[\[link\]](#)

Titanium deposition after peri-implant care with the carbon dioxide laser.

Deppe H, Greim H, Brill T, Wagenpfeil S.

Int J Oral Maxillofac Implants. 2002 Sep-Oct;17(5):707-14

[\[link\]](#)

Osteoblast attachment on titanium disks after laser irradiation.

Romanos G, Crespi R, Barone A, Covani U.

Int J Oral Maxillofac Implants. 2006 Mar-Apr;21(2):232-6

[\[link\]](#)

Bactericidal efficacy of carbon dioxide laser against bacteria contaminated titanium implant and subsequent cellular adhesion to irradiated area.

Kato T, Kusakari H, Hoshino E.

Lasers Surg Med. 1998;23(5):299-309

[\[link\]](#)

CO₂ Laser in der Oralchirurgie

Evaluation of patient perceptions after frenectomy operations: a comparison of carbon dioxide laser and scalpel techniques.

Haytac MC, Ozcelik O.

J Periodontol. 2006 Nov;77(11):1815-9.

[\[link\]](#)

Treatment of intraoral hemangiomas with the CO₂ laser

Lambrecht JT, Stubinger S, Hodel Y.

Schweiz Monatsschr Zahnmed. 2004;114(4):348-59

[\[link\]](#)

The CO₂ laser in stomatology. Part 1

Bornstein MM, Suter VG, Stauffer E, Buser D.

Schweiz Monatsschr Zahnmed. 2003;113(5):559-70

[\[link\]](#)

The CO₂ laser in stomatology. Part 2

Bornstein MM, Suter VG, Stauffer E, Buser D.

Schweiz Monatsschr Zahnmed. 2003;113(7):766-85

[\[link\]](#)

The potential use of CO₂ -laser gingivectomy for phenytoin-induced gingival hyperplasia in mentally retarded patients.

Roed-Petersen B.

J Clin Periodontol. 1993 Nov;20(10):729-31

[\[link\]](#)

CO₂ Laser in der Parodontologie

Effect of the carbon dioxide laser on the clinical parameters and crevicular IL-1beta when used as an adjunct to gingival flap surgery.

Choi KH, Im SU, Kim CS, Choi SH, Kim CK.

J Int Acad Periodontol. 2004 Jan;6(1):29-36.

[\[link\]](#)

Effects of CO₂ laser treatment on fibroblast attachment to root surfaces. A scanning electron microscopy analysis.

Crespi R, Barone A, Covani U, Ciaglia RN, Romanos GE.

J Periodontol. 2002 Nov;73(11):1308-12

[\[link\]](#)

Effect of a carbon dioxide laser on periodontally involved root surfaces.

Misra V, Mehrotra KK, Dixit J, Maitra SC.

J Periodontol. 1999 Sep;70(9):1046-52

[\[link\]](#)

Histologic evaluation of three methods of periodontal root surface treatment in humans.
Crespi R, Barone A, Covani U.
J Periodontol. 2005 Mar; 76(3): 476-81
[\[link\]](#)

Root surface morphological changes after focused versus defocused CO2 laser irradiation:
a scanning electron microscopy analysis.
Barone A, Covani U, Crespi R, Romanos GE.
J Periodontol. 2002 Apr; 73(4): 370-3
[\[link\]](#)

The CO2 laser as an aid in direct pulp capping.
Moritz A, Schoop U, Goharkhay K, Sperr W.
J Endod. 1998 Apr; 24(4): 248-51
[\[link\]](#)