

QuadroStarPRO YELLOW (577 nm)

VASCULAR LESIONS

Successful treatment of facial vascular skin diseases with a 577-nm pro-yellow laser.

Mohamed EM, Mohamed Tawfik K, Hassan Ahmad W. J Cosmet Dermatol. 2019 Apr 29. doi: 10.1111/jocd.12963. [Epub ahead of print]

Treatment of erythematotelangiectatic rosacea, facial erythema, and facial telangiectasia with a 577-nm pro-yellow laser: a case series.

Kapicioglu Y, Sarac G, Cenk H. Lasers Med Sci. 2019 Feb;34(1):93-98. doi: 10.1007/s10103-018-2606-6. Epub 2018 Aug 10.

The utilization of a new yellow light laser (578 nm) for the treatment of class I red telangiectasia of the lower extremities.

Sadick NS, Weiss R. Dermatol Surg. 2002 Jan;28(1):21-5.

Copper bromide laser treatment of facial telangiectasia: results of patients treated over five years.

McCoy SE. Lasers Surg Med. 1997;21(4):329-40.

An evaluation of the copper-bromide laser for treating telangiectasia.

McCoy S., Hanna M, Anderson P, McLennan G, Repacholi M. Dermatol Surg. 1996 Jun;22(6):551-7.

PIGMENTED LESIONS

Clinicopathologic efficacy of copper bromide plus/yellow laser (578 nm with 511 nm) for treatment of melasma in Asian patients.

Lee HI, Lim YY, Kim BJ, Kim MN, Min HJ, Hwang JH, Song KY. Dermatol Surg. 2010 Jun;36(6):885-93. doi: 10.1111/j.1524-4725.2010.01564.x. Epub 2010 May 7.

OTHER LESIONS

Treatment of recalcitrant viral warts using a 577-nm wavelength high-power optically pumped semiconductor laser

Bianca Bigge and Stefan Bigge. Photon Lasers Med 2016; 5(3): 219–223

Two-year follow-up results of copper bromide laser treatment of striae.

Longo L, Postiglione MG, Marangoni O, Melato M. J Clin Laser Med Surg. 2003 Jun;21(3):157-60.

QuadroStarPRO GREEN (532 nm)

VASCULAR LESIONS

Treatment of superficial vascular lesions with the KTP 532-nm laser: experience with 647 patients.

Becher GL, Cameron H, Moseley H. Lasers Med Sci. 2014 Jan;29(1):267-71. doi: 10.1007/s10103-013-1330-5. Epub 2013 Apr 30.

Treatment of superficial cutaneous vascular lesions: experience with the KTP 532 nm laser

Clark C, Cameron H, Moseley H, Ferguson J, Ibbotson SH. Photobiology Unit, Department of Dermatology, Ninewells Hospital Medical School, University of Dundee, DD1 9SY, UK. Lasers Med Sci. 2004;19(1):1-5.

Comparison of the 532-nm KTP and 1064-nm Nd:YAG lasers for the treatment of cherry angiomas

Pancar GS1, Aydin F, Senturk N, Bek Y, Canturk MT, Turanli AY. Department of Dermatology, Ondokuz Mayıs University School of Medicine, Samsun, Turkey. J Cosmet Laser Ther. 2011 Aug;13(4):138-41. doi: 10.3109/14764172.2011.594058. Epub 2011

Acne rosacea: effectiveness of 532 nm laser on the cosmetic appearance of the skin

Maxwell EL1, Ellis DA, Manis H. Art of Facial Surgery, Facial Plastic Reconstructive Surgery, Toronto, ON lindamaxwell22@hotmail.com. J Otolaryngol Head Neck Surg. 2010 Jun;39(3):292-6.

Treatment of spider leg veins with the KTP (532 nm) laser--a prospective study.

Spendel S, Prandl EC, Schintler MV, Siegl A, Wittgruber G, Hellbom B, Rappl T, Berghold A, Scharnagl E. Lasers Surg Med. 2002;31(3):194-201.

Diode laser for the treatment of telangiectasias following hemangioma involution.

Cerrati EW, O TM, Chung H, Waner M. Otolaryngol Head Neck Surg. 2015 Feb;152(2):239-43. doi: 10.1177/0194599814559192. Epub 2014 Dec 1.

PIGMENTED LESIONS

Split treatment of photodamaged skin with KTP 532 nm laser with 10 mm handpiece versus IPL: a cheek-to-cheek comparison.

Butler EG 2nd, McClellan SD, Ross EV. Lasers Surg Med. 2006 Feb;38(2):124-8.

OTHER LESIONS

Recalcitrant viral warts: results of treatment with the KTP laser.

Gooptu C, James MP. Clin Exp Dermatol. 1999 Mar;24(2):60-3.

QuadroStarPRO 940 (940 nm)

ENDOVASCULAR LASERTHERAPY

Endovenous laser treatment of saphenous veins: is there clinical difference using different endovenous laser wavelenghts?

Cavallini A. Int Angiol. 2015 Feb;34(1):1-8. Epub 2014 Jun 13.

Endovenous laser treatment (EVLT) for the saphenous reflux and varicose veins: a follow-up study.

Firouznia K, Ghanaati H, Hedayati M, Shakiba M, Jalali AH, Mirsharifi R, Dargahi A. J Med Imaging Radiat Oncol. 2013 Feb;57(1):15-20. doi: 10.1111/j.1754-9485.2012.02457.x. Epub 2012 Oct 9.

Thermal damage of the inner vein wall during endovenous laser treatment: key role of energy absorption by intravascular blood.

Proebstle TM, Sandhofer M, Kargl A, Gül D, Rother W, Knop J, Lehr HA. Dermatol Surg. 2002 Jul;28(7):596-600.

Endovenous treatment of the greater saphenous vein with a 940-nm diode laser: thrombotic occlusion after endoluminal thermal damage by laser-generated steam bubbles.

Proebstle TM, Lehr HA, Kargl A, Espinola-Klein C, Rother W, Bethge S, Knop J. J Vasc Surg. 2002 Apr;35(4):729-36.

QuadroStarPRO 980 (980 nm)

NAIL TREATMENT

Laser therapy of onychomycosis.

Nenoff P, Grunewald S, Paasch U.

J Dtsch Dermatol Ges. 2014 Jan;12(1):33-8. doi: 10.1111/ddg.12251. Epub 2013 Nov 18.

Antifungal efficacy of lasers against dermatophytes and yeasts in vitro.

Paasch U, Mock A, Grunewald S, Bodendorf MO, Kendler M, Seitz AT, Simon JC, Nenoff P. Int J Hyperthermia. 2013 Sep;29(6):544-50. doi: 10.3109/02656736.2013.823672.

Heat profiles of laser-irradiated nails.

Paasch U, Nenoff P, Seitz AT, Wagner JA, Kendler M, Simon JC, Grunewald S. J Biomed Opt. 2014 Jan;19(1):18001. doi: 10.1117/1.JBO.19.1.018001.

VAPORIZATION OF SOFT TISSUE

Evaluation of safety and efficacy of 980-nm diode laser-assisted lipolysis versus traditional liposuction for submental rejuvenation: A randomized clinical trial.

Valizadeh N, Jalaly NY, Zarghampour M, Barikbin B, Haghighatkhah HR. J Cosmet Laser Ther. 2015 Jul 3:1-6. [Epub ahead of print]

Laser assisted lipolysis for neck and submental remodeling in Rohrich type I to III aging neck: a prospective study in 30 patients.

Leclère FM, Moreno-Moraga J, Alcolea JM, Casoli V, Mordon SR, Vogt PM, Trelles MA. J Cosmet Laser Ther. 2014 Dec;16(6):284-9. doi: 10.3109/14764172.2014.946053. Epub 2014 Sep 19.

Results of Laser assisted Lipolysis using a 980 nm diode Laser and

Safety of Laser assisted Lipolysis using a 980 nm diode Laser

Yann Renoulet, MD. 2010. Plastic and Reconstructive Surgery Center, Center for Lasertherapy, Elisabeth Krankenhaus Recklinghausen, Recklinghausen, Germany