

Advanced Proficiency Suggested Texts and Reading Materials

Text Books & Journals

The Journal of Laser Dentistry. Featherstone JDB, editor, 2007 Academy of Laser Dentistry, Coral Springs, FL

Academy of Laser Dentistry
3300 University Drive Suite 704
Coral Springs, FL 33065
Telephone 954-346-3776
www.laserdentistry.org
Email laserexec@laserdentistry.org

Atlas of Laser Applications in Dentistry. Coluzzi DJ, Convissar RA. 2007 Quintessence. Hanover Park, IL

Quintessence Publishing Co. Inc
4350 Chandler Drive
Hanover Park, IL 60133
Telephone 800-621-0387 or 630-682-3223 Fax 630-682-3288,
www.quintpub.com

Dental Clinics of North America, Issue: October 2004, Vol 48 # 4

Lasers in Clinical Dentistry. Coluzzi D, Convissar R, Editors.

Dental Clinics of North America, Issue: October 2000, Vol 44 # 4

Lasers and Light Amplification in Dentistry. Convissar B, Editor

W. B. Saunders Publishing Co.
625 Walnut Street, 3rd Floor, Philadelphia, PA 19106
Telephone: (800) 654-2452
www.us.elsevierhealth.com

Dental Applications of Advanced Lasers 2004 Edition

Jeffrey G. Manni

JGM Associates, Inc 6 New England Executive Park, Suite 400
Burlington, MA 01803
Telephone 781-272-6692
Fax 781-221-7154
www.jgma-inc.com

Photomedicine and Laser Surgery (formerly titled Journal of Clinical Laser Medicine and Surgery)

Mary Ann Liebert, Inc.,
2 Madison Avenue, Larchmont, NY 10538
Telephone (800) M-LIEBERT, (914) 834-3100, fax (914) 834-1388
www.liebertpub.com

Lasers in Dentistry Miserendino LJ, Pick RM. 1995 Quintessence. Hanover Park, IL
Quintessence Publishing Co. Inc
4350 Chandler Drive
Hanover Park, IL 60133
Telephone 800-621-0387 or 630-682-3223 Fax 630-682-3288,
www.quintpub.com

Journal of Oral Laser Applications

Quintessence Publishing Co. Inc
4350 Chandler Drive
Hanover Park, IL 60133
Telephone 800-621-0387 or 630-682-3223 Fax 630-682-3288,
www.quintpub.com

Laser Therapy: Clinical Practice and Scientific Background

Jan Tunér and Lars Hode Grängesberg, Sweden: Prima Books, 2002
Prima Books, Spjutvägen 11, 772 32 Grängesberg, Sweden
Fax: +46-240 23037
<http://www.prima-books.com>

DVDs and Videos

Joyco Productions

8795 Ralston Rd., Suite 113 Arvada, Colorado 80002
Telephone (303) 421-0093 or Fax: (303) 403-9112
Email jmmedia8795@qwest.net

Additional References

1. Laser Institute of America

13501 Ingenuity Drive, Suite 128
Orlando, FL 32826
Telephone 407-380-1553, Fax 407-380-5588
www.laserinstitute.org

The following references are available from the Laser Institute of America:

1. *American National Standard for Safe Use of Lasers. ANSI Z136.1-1993.* Orlando, Florida: The Laser Institute of America, 1993.
2. *American National Standard for the Safe Use of Lasers in Health Care Facilities. ANSI Z136.3-2007.* Orlando, Florida: The Laser Institute of America, 1996.
3. Ball K. *Lasers: The Perioperative Challenge.* (2nd ed.) St. Louis: The C.V. Mosby Company, 1995. ISBN 0-8151-0524-X.
4. Smith JF, ed. *Laser Safety Guide.* (9th ed.) Orlando, Florida: Laser Institute of America, 1995.

5. U.S. Department of Labor. Occupational Safety and Health Administration. *Guidelines for Laser Safety and Hazard Assessment*. OSHA Instruction PUB 8-1.7. Washington, D.C., August 5, 1991.

2. References for comparison of modalities and wavelengths.

Laser versus scapel: Faster Better:

1. Carruth JAS. Resection of the tongue with the carbon dioxide laser. *J Laryngol Otolaryngol* 1982;96:529-543.
2. Hall RR, et al. A carbon dioxide surgical laser. *Ann Royal Coll Surg Eng* 1971; 48:181-188.
3. Fisher SE, et al. A comparative histological study of wound healing following CO2 laser and conventional surgical excision of canine buccal mucosa. *Arch Oral Biol* 1983; 28(4): 287-291.
4. Luomanen M, et al. Extracellular matrix in healing CO2 laser incision wound. *J Oral Pathol* 1987; 16:322-321.
5. Kaminer R, et al. Bacteremia following laser and conventional surgery in hamsters. *J Oral Maxillofacial Surg* 1990; 48(1):45-48.
6. White JM, et al. Use of the pulsed Nd:YAG laser for intraoral soft tissue surgery. *Lasers Surg Med* 1991; 11(5):455-461.

Laser versus scapel: Slower:

1. Pogrel MA, et al. A comparison of carbon dioxide laser, liquid nitrogen cryosurgery and scapel wounds in healing. *Oral Surg Oral Med Oral Pathol* 1990;69:269-273.
2. Luomanen M. A comparative study of healing of laser and scapel incision wounds in rat oral mucosa. *Scand J Dent Res* 1987;95:65-73.
3. Pick RM, et al. Comparative wound healing of the scapel, Nd:YAG laser, and electrosurgery in oral mucosa. *Inov Technologie Biologie Med* 1990; 11:116-121.

Laser versus scapel: equivalent:

1. Rossman JA. Lasers in periodontics. A position paper by the American Academy of Periodontology. *J. Periodontol* 2002; 73:1231-1239.
2. Cobb, CM. Lasers in periodontics: a review of the literature. *J Periodontol*. 2006 Apr;77(4):545-64.

Comparison of laser wavelengths:

Treatment of Peri-implantitis:

1. Kreisler M, et al. Effect of Nd:YAG, Ho:YAG, Er:YAG, CO2 and GaAlAs laser irradiation on surface properties of endosseous dental implants. *Int J Oral Maxillofac Implants* 2002; 17:202-211.
2. Bach G, et al. Conventional versus laser-assisted (diode) therapy of periimplantitis: a five year comparative study. *Implant Dent* 2000; 9(3):247-251.
3. Kato T, et al. Bacterial efficacy of carbon dioxide laser against bacteria-contaminated titanium implant and subsequent cellular adhesion to irradiated area. *Lasers Surg Med* 1998; 23(5): 290-309.

Soft Tissue surgery:

1. White JM, et al. Nd:YAG and CO2 laser therapy of oral mucosal lesions. J Clin Med Surg 1998; 16(6): 299-304.
2. Romanos G, Nentwig G. Diode laser (980 nm) in oral and maxillofacial surgical procedures: clinical observations based on clinical applications. J Clin Laser Surg Med 1999; 17:193-197.
3. White JM, et al. Laser interaction with dental soft tissues: what do we know from our years of applied scientific research? In: Rechmann P, et al. Lasers in dentistry VIII. Proc SPIE 2002; 4610:39-48.

Periodontal therapy:

1. Aoki A, et al. Lasers in non-surgical periodontal therapy. Periodontology 2000, Vol 36, 2004, 59-97.