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EMPLOYMENT

1986-Present Private Practice of Dentistry, Skokie, Illinois

2001-2004 Director, General Practice Residency Program
Illinois Masonic Medical Center, Chicago, IL

1989-2001 Director, General Practice Residency Program
Ravenswood Hospital Medical Center, Chicago, IL

EDUCATION

1978 B.S. degree in Molecular Biology
University of Wisconsin, Madison, Wisconsin

1984 M.S. degree in Oral Pathology
University of Illinois at Chicago

1985 D.D.S. degree
University of Illinois at Chicago

2007 M.Sc. degree in Evidence-based Healthcare
Oxford University, Oxford, England

RESIDENCY

1986 General Practice Residency
Ravenswood Hospital Medical Center, Chicago

APPOINTMENTS

Attending Staff, Illinois Masonic Medical Center, Chicago

Adjunct Associate Professor of Oral Medicine, University
of Illinois at Chicago

Faculty in Biostatistics, ADA/Forsyth Institute Course on
Evidence-based Dentistry, Cambridge, Massachusetts

Critical Review Panel, ADA Center for Evidence-Based
Dentistry

Editorial Board, Journal of Evidence-based Dental Practice

PUBLICATIONS

ABSTRACTS

Abt, E., Meyer, J., and Stablein, M.: Effects of Dietary Consistency on Oral Mucosa of Rats. J. Dental Research, 61: 230 (#467), 1982.

Abt, E.: Histologic Analysis of Hamster Cheek Pouch Carcinoma Treated with Photodynamic Therapy. Lasers in Surgery and Medicine, 7:1 (#152) p. 104, 1987.

JOURNAL ARTICLES

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Abt, E. et al.: Removal of Benign Intraoral Masses Using the CO2 Laser. JADA, 115:729-731, 1987.

Wigdor, H., Harris, D., Carlson, B., and Abt, E.: Dental Applications of the Laser. Midwest Bio-Laser Institute Proceedings, 1987.

Wigdor, H., Lobraico, R., Abt, E., and Carlson, B.: The use of the CO2 Laser to remove Dental Decay. Laser Institute of America Proceedings (ICALEO) (64) 153-162, 1988.

Abt, E., and Wigdor, H.: Histologic Evaluation of the CO2, Nd:YAG, and Er:YAG Lasers on the Dental Pulp in Dogs. Proceedings of Laser Surgery: Advanced Characterization, Therapeutics, and Systems III (SPIE), (1643), 464-474, 1992.

Harris, D., and Abt, E.: Gross and Histologic Effects of Photodynamic Therapy on Squamous Cell Tumors and Normal Mucosa in Hamster Cheek Pouch. Lasers in Surgery and Medicine, 1992.

Abt, E.: Laser Treatment of Gingival Hyperplasia. Clinical Laser Monthly, April, 1992.

Abt, E., Miserendino, L., and Carlson, B.: Histologic Effects of Nd:YAG Induced Defects in Bone. Proceedings of the International Society of Lasers in Dentistry, 1992.

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Wigdor, H.A., Abt, E., Ashrafi, S., Walsh, J.T.: The Effects of Lasers on Dental Hard Tissues. JADA Vol. 124, 65-70, 1993.

Miserendino, L.J., Levy, G.C., Abt, E., Rizioiu, I.M.: Histologic Effects of a Thermally Cooled Nd:YAG Laser on the Dental Pulp and Supporting Structures of Rabbit Teeth. Oral Medicine, Oral Surgery, Oral Pathology, Vol. 78(3) 93-100, 1994.

Abt, E. Evidence-based dentistry: An overview of a new approach to dental practice. Gen Dent. 47(4):369-373, 1999.

Abt, E. A new perspective...Two steps back: Integration of the evidence-based method in a general practice residency program. J Evid Base Dent Pract 1:3-4, 2001.

Abt, E. Evidence-based Teaching and Learning in a Post-Graduate Dental Education Program. J Evid Base Dent Pract. 4:100-106, 2004.

Abt, E. Complexities of an Evidence-based Clinical Practice. J Evid Base Dent Pract. 4:200-209, 2004.

Abt, E. Conventional bridgework has a higher complication rate than other types of fixed prosthetics. J Evid Based Dent Pract 2004; 4(3):235-6.

Abt, E. Resin-modified glass ionomer restorations may have better long-term outcomes than conventional glass ionomer restorations in primary teeth. J Evid Based Dent Pract. 2007 Sep;7(3):112-3.

Abt, E. Survival rates for resin bonded bridges. Evid Based Dent. 2008;9(1)20-1.

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Abt, E. Computer-aided design/computer aided manufacturing crown survival rates. *Evid Based Dent.* 2010;11(1):25-6.

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Abt, E. Understanding Statistics 3. *Evid Based Dent.* 2010;11(4):118.

Abt, E. Understanding Statistics 4. *Evid Based Dent.* 2011;12(1):25-27.

Abt, E. Understanding Statistics 5. *Evid Based Dent.* 2011;12(2):57-58.

Abt, E. Analgesic premedication may increase the success rate of local anesthetics for teeth with irreversible pulpitis; *J Evid Base Dent Pract.* 2011;11:141-142.

Abt E. and Pihlstrom BL. A Practitioner's Guide to Developing Critical Appraisal Skills. The fundamentals of research. *JADA* 2012;143(1)54-56.

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Abt E, Carr AB, Worthington HV. Interventions for replacing missing teeth: partially absent dentition. *Cochrane Database of Systematic Reviews* 2012 , Issue 2 . Art. No.: CD003814. DOI: 10.1002/14651858.CD003814 .

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BOOK CHAPTERS

Abt, E. Chapter 17: Biostimulation and Photodynamic Therapy. *Lasers in Dentistry.* Quintessence, 1995.

Abt, E. Chapter 3: Implementing evidence-based decision-making in clinical practice. *Carranza's Clinical Periodontology*, 10th Edition. Saunders, 2006.

Abt, E. Chapter 83: Implementing evidence-based decisions in clinical practice. Carranza's Clinical Periodontology, 11th Edition. Elsevier Saunders, 2012.

EDUCATIONAL VIDEOS

Abt, E. and Novy, B. Why do we need statistics? Educational tutorial on ADA EBD Website at <http://ebd.ada.org/VideoTutorials.aspx>

Abt, E. and Novy, B. What are the different types of data? Educational tutorial on ADA EBD Website at <http://ebd.ada.org/VideoTutorials.aspx>

Abt, E. and Novy, B. What is a null hypothesis? Educational tutorial on ADA EBD Website at <http://ebd.ada.org/VideoTutorials.aspx>