



## Clinical Research

Florida Probe has been utilized and evaluated in many research studies. Here are just a few of them (listed in alphabetical order by author's last name):

Adonogianaki, E., Mooney, J., Kinane, D. F. Detection of stable and active periodontitis sites by clinical assessment and gingival crevicular acute-phase protein levels. *Journal of Periodontal Research.* 135-43. February, 1996.

Barr CE, Lopez MR and Wilets I: Periodontal changes by HIV Serostatus in a cohort of homosexual and bisexual men. *J. Dent. Res.* 71: (AADR Abstracts) #115, p. 120, 1992.

Bernimoulin JP, Purucker P, Mertes H, Kruger B and Hopfenmuller W. Adjunctive local antibiotic therapy in RPP Patients. *J. Dental Research* 75(IADR Abstracts) Abstr.#1134, P.159, 1996.

Braswell L, Offenbacher S, Fritz M, Van Dyke TE: Local delivery of Minocin (R) to periodontal lesions in a slow release polymer, *J. Dent. Res.* 71: (AADR Abstracts) #1115, p. 245, 1992.

Bulthuis, H. M., Barendregt, D. S., Timmerman, M. F., Loos, B. G., Van Der Velden, U. *Journal of Clinical Periodontology.* 417-23. May 1998.

Christersson LA, Anderson K, Machtei EE, Preus HR, Grossi S and Dunford RG: An assessment of sources of error using a controlled force automated probe, *J. Dent. Res.* 71: (AADR Abstracts) #379, p.153, 1992.

Christensen, M. M., Joss, A., Lang, N.P. Reproducibility of automated periodontal probing around teeth and osseointegrated oral implants. *Clinical Oral Implants Research.* 455-64. December, 1997.

Fetner, AE: Computer brings maintenance down to a manageable size, *Soft Tissue Care for GPs* 2:(6) 3-5, 1990.

Gerlach RW, Meredith MP and Cavanaugh PF Jr. Repeatability of controlled pressure periodontal attachment measurements in a multi-center setting. *J. Dental Research* 74:Special Issue-AADR Abstracts Abstr. #931, p.128, 1995.

Gibbs CH, Hirschfeld JW, Lee JG, Low SB, Magnusson I, Thousand RR, Yerneni P and Clark WB: Description and clinical evaluation of a new computerized periodontal probe - The Florida Probe. *J. Clinical Periodontology* 15: 137-144, 1988.

Gibbs CH, Low SB and Lee JG: The Florida Probe updated for clinical practice. Today's FDA - J. Florida Dental Association Vol. 7, No. 6, pp 1C-4C, June 1995.

Giordano J, Loesche WJ, Walsh L, Amalfitano J: Effect of local delivery of metronidazole or chlorhexidine in periodontitis patients: J. Dent. Res. 71:#1709, p. 319, 1992.

Grossi, S. G., Dunford, R. G., Ho, A., Koch, G., Machtei, E. E., Genco, R. J. Sources of error for periodontal probing measurements. Journal of Periodontal Research. 330-6. July, 1996.

Hurzeler, M. B., Quinones, C. R., Schupbach, P., Vlassis, J. M., Strub, J. R., Caffesse, R. G. Influence of the suprastructure on the peri-implant tissues in beagle dogs. Clinical Oral Implants Research. 139-48. September, 1995.

Johnson, P., Yang, M.C.K., Magnusson, I., Kang, T., Ramirez, J. and Hefti, A.F. Evaluating the merit of the option-3 method in relative attachment level measurement. J. Periodont Res. 32:256-263, 1997.

Jones A, Wood R, Newbold D, Manwell M and Kornman K: Clinical effects of subgingival Minocycline in Periodontitis, J. Dent. Res. 71:(AADR Abstracts) #1114, p. 245, 1992.

Khocht A and Chang K. A comparative evaluation of three periodontal probes. J. Dental Research 75 (IADR Abstracts), Abstr. #1539, P. 210, 1996.

Lee, H. J., Kang, I. K., Chung, C. P., Choi, S. M. The subgingival microflora and gingival crevicular fluid cytokines in refractory periodontitis. Journal of Clinical Periodontology. 885-90, November, 1995.

Lopez NJ, Smith PC and Gutierrez J, "Higher risk of pre-term birth and low birth weight in women with periodontal disease", Journal Dental Research, Vol. 81, No. 1: pp58-63, Jan. 2002.

Low, S. B., King, C. J., Krieger, J. An evaluation of bioactive ceramic in the treatment of periodontal osseous defects. International Journal of Periodontics and restorative dentistry. 358-67. August, 1997.

Machtie EE, Dunford R, Grossi SG and Genco RJ: Cumulative nature of periodontal attachment loss. J. Periodontal Research 29:361-364, 1994. Magnusson I, Fuller WS, Heins PJ, Rau CF, Gibbs CH, Marks RG and Clark WB: Correlation between electronic and visual readings of pocket depths with a newly developed constant force probe. J. Clinical Periodontology 15:180-184, 1988.

Magnusson I, Clark WB, Marks RG, Gibbs CH, Manouchehr©Pour M and Low SB. Attachment level measurements with a constant force electronic probe. *J. Clinical Periodontology* 15: 185-188, 1988.

Magnusson I and Clark WB: Automatic probe technology-saving time and improving accuracy?, *Calif. Dent. Assoc. J.* 18:25 28,1990.

Magnusson I: Clinical Examination of Patients with Periodontal Diseases, in *Advances in Periodontics*, Wilson TG Jr., Kornman KS and Newman MG editors, Quintessence Publishing Co. Inc., Carol Stream, Illinois, 1992.

Magnusson, I. and Lindhe, J. Current concepts in diagnosis and treatment of periodontitis. *Seminars in Orthodontics* ; 2; 13-20, 1996.

Magnusson, I. Computerized probing. *Periodontology* 2000. 12:40-43, 1996.

Mailhot JM, Travis J, Stein SH, Potempa J, Sterrett JD, Hanes PF and Russell CM. A pilot clinical evaluation of proteinase activity as a predictable indicator of periodontal disease. *J. Dental Research* 75 (IADR Abstracts) Abstr. #1548, P. 211, 1996.

Marcelo W.B. Araujo, Kathleen M. Hovey, Janice R. Benedek, Sara G. Grossi, Joan Dorn, Jean Wactawski-Wende, Robert J. Genco, and Maurizio Trevisan, "Reproducibility of Probing Depth Measurements Using a Constant-Force Electronic Probe: Analysis of Inter- and Intraexaminer Variability", *Journal of Periodontology*, Vol. 74, No.12: pp1736-1740, April 2003.

Marks RG, Low SB, Magnusson I, Taylor M, Baggs R and Clark WB: Reproducibility of attachment level measurements with two models of the Florida Probe, *J. Clin. Periodont.* 18:280-284, 1991.

Morejon O, Low SB, Clouser B, Magnusson I, Maruniak J and Hefti AF. Clinical characteristics of teeth lost in subjects with refractory periodontitis. *J. Dental Research* 75 (IADR Abstracts) Abstr. 1553, P. 212, 1996.

Nunley KC: The Effects of Pressure Changes on Electronic Probing Depth Measurements, MS Thesis, Dept. Periodontics, Baylor College of Dentistry, Dallas, Texas, 1990.

Orobitg S, Smith J, Clouser B, Magnusson I and Hefti AF. The relation between pocket depth change and attachment loss in subjects with moderate to severe periodontitis. *J. Dental Research* 75(IADR Abstracts) Abstr. #1549, P. 211, 1996.

Osborn J, Stoltenberg J, Aepli D and Pihlstrom B: Relative clinical attachment loss measurements using a Florida Disk Probe. *J. Dental Research* Abstr.#1425, 68: Special Issue, p.360, 1989.

Palmer, R. M., Matthews, J. P., Wilson, R. F. Adjunctive systemic and locally delivered metronidazole in the treatment of periodontitis: a controlled clinical study. British dental Journal. 548-52. June, 1998.

Palmer, R. M., Matthews, J. P., Wilson, R. F. Non-surgical periodontal treatment with and without adjunctive metronidazole in smokers and non-smokers. Journal of Clinical Periodontology. 158-63, March, 1999.

Persson GR: Effects of line-angle versus midproximal periodontal probing measurements on prevalence estimates of periodontal disease. J. Periodont. Res. 26:527-529, 1991.

P.M.L. Manna, J. E. Costa, and R. S. Gomez. CD26 immuno-expression and periodontal disease progression. Department of Oral Surgery and Pathology. universidade Federal de Minas Gerais, Belo Horizonte, Brazil

Ramirez G, Braddy J, Yang MCK, Magnusson I and Hefti AF. Evaluation of a new probe tip for the Florida Probe. J. Dental Research 75(IADR Abstracts), Abstr.#1536, P. 209, 1996.

Rams TE and Slots J: Comparison of two pressure-sensitive probes and a manual periodontal probe in shallow and deep pockets. Int. J. Periodontics and Restorative Dentistry 13:6, 521-529, 1993.

Reddy, M. S., Palcanis, K. G., Geurs, N. C. A comparison of manual and controlled-force attachment-level measurements. Journal of Clinical Periodontology. 920-6. December, 1997.

Samuel, E. D., Griffiths, G. S., Petrie, A. In vitro accuracy and reproducibility of automated and conventional periodontal probes. Journal of Clinical Periodontology. 340-5. May, 1997.

Shibly O, Nashef MF, Andreana S, Ciancio SG, Kharchaf MO and Tabbaa S. Comparison of manual and automated probing of attachment loss. J. Dental Research 75 (IADR Abstracts) Abstr. #1541, P. 210, 1996.

Westerman B, Cullinan MP, Roberts MA, Eccleston JA and Seymour GJ. Repeatability of Florida Probe measurements before and after two years use. J. Dental Research 75 (IADR Abstracts) Abstr. #1538, P. 210, 1996.

Wilson, T.G and Magnusson, I. Examination of patients for detecting periodontal disease. In Fundamentals in Periodontics. Eds. Wilson & Kornman. Quintessence Publishing Co, Inc., 1996, pp 195-218.

Wolff M, Kaufman H and Kleinberg I. GCF measurement as a predictor of active periodontal disease. J. Dental Research 75 (IADR Abstracts) Abstr. #1543, P. 210, 1996.

Yang MCK, Marks RG, Clark WB and Magnusson I: Prediction power of various models for longitudinal attachment level change. *J. Clinical Periodont.* 19:77-83, 1992.

Yang MCK, Marks RG and Magnusson I, Clouser B and Clark WB: Reproducibility of an electronic probe in relative attachment level measurements, *J. Clin. Periodont.* 19:541-548, 1992.

Yang, M.C.K., Namgung, Y.Y., Kang, T., Magnusson, I. and Hefti, A. Option-3 median measurement scheme in outlier reduction. *Statist. Med.* 17:2607-2615, 1998.

Zybutz, M., Rapoport, D., Laurell, L., Persson, G. R. Comparisons of clinical and radiographic measurements of inter-proximal vertical defects before and 1 year after surgical treatments. *Journal of Clinical Periodontology.* 179-86, March, 2000.