

### **Vector – das besondere Ultraschallprinzip für die systematische PAR-Therapie**

1. Braun, F. Krause, G. Hahn, M. Frentzen: Subjektive Schmerzempfindungen bei der parodontalen Behandlung, Quintessenz 2002; 53(7):749-754.
2. Braun, A.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Braun%20A%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Braun%20A%22[Author]), Krause, F.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Krause%20F%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Krause%20F%22[Author]), Nolden, R.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Nolden%20R%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Nolden%20R%22[Author]), Frentzen, M.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Frentzen%20M%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Frentzen%20M%22[Author]): Subjective intensity of pain during the treatment of periodontal lesions with the Vector-system. J Periodontal Res. 2003 Apr;38(2):135-40: <http://www.ncbi.nlm.nih.gov/pubmed?term=subjective%20intensity%20of%20pain%20during%20the%20treatment%20of%20periodontal%20lesions%20with%20the%20vector-system>.
3. Braun, A., Krause, F., Frenzen, M., Jepsen, S.: Efficiency of subgingival calculus removal with the Vecor-system compared to ultrasonic scaling and hand instrumentation in vitro. J Periodontal Res 2005; 40:48-52.
4. Eickholz, P.: Glossar der Grundbegriffe für die Praxis: Unterstützende Parodontitis-Therapie (UPT). Teil 2: Individuelles Parodontitisrisiko und Bestimmung der UPT-Intervalle. Parodontologie 2007; 18(3):239-245.
5. Hellwege, K.-D.: Die Praxis der professionellen Zahnreinigung und Ultraschall-Scaling: Eine Arbeitsanleitung für den Zahnarzt und sein Mitarbeiterteam, 2007, Thieme.
6. Hilligardt, M.: Handinstrumente ade. Dental Magazin 2011; 29(3):248-250.
7. Güntsch, A., Fatori, S., Seltmann, T., Sigusch, B.W., Glockmann, E., Klinger, G.: Klinische und mikrobiologische Untersuchungen zur Parodontitistherapie mit Handinstrumenten und Vector. Deutsch Zahnärztl. Zeitschrift 2006; 61(6): 291-98.
8. Hoffman, A.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Hoffman%20A%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Hoffman%20A%22[Author]) , Marshall, R.I.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Marshall%20RI%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Marshall%20RI%22[Author]) , Bartold, P.M.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Bartold%20PM%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Bartold%20PM%22[Author]) : Use of the Vector scaling unit in supportive periodontal therapy: a subjective patient evaluation. Clin Periodontol.; 2005 Oct;32(10):1089-93.
9. Kishida, M.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Kishida%20M%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Kishida%20M%22[Author]), Sato, S.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Sato%20S%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Sato%20S%22[Author]), Ito, K.: [http://www.ncbi.nlm.nih.gov/pubmed?term=%22Ito%20K%22\[Author\]](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Ito%20K%22[Author]): Effects of a new ultrasonic scaler on fibroblast attachment to root surfaces: a scanning electron microscopy analysis. J Periodontal Res; 2004 Apr;39(2):111-9.

10. Pecanov-Schröder: "Ultraschallreinigungsbad im Mund", DZW Kompakt 2011;6:20-25.
11. Sculean, A., Schwarz, F., Berakdar, M., Romanos, G.E., Brex, M., Willershausen, B., Becker, J.: Non-surgical periodontal treatment with a new ultrasonic device (Vector-ultrasonic system) or hand instruments. J Clin Periodontol; 2004 Jun; 31(6):428-33.
12. Slot De, Koster T.J.G., Paraskevas, S., Van der Weijden, G.A.: The effect of the Vector scaler system on human teeth: a systematic review. Int JDent Hygiene 2008; 6: 154-165.
13. Karring, E.S., Stavropoulos, A., Ellegaard, B., Karring, T.: Treatment of peri-implantitis by the Vector system. Clin Oral Implants Res; 2005 Jun; 16(3):288-93.
14. Sculean, A., Schwarz, F., Berakdar, M., Romanos, G.E., Brex, M., Willershausen, B., Becker, J.: Non-surgical periodontal treatment with a new ultrasonic device (Vector-ultrasonic system) or hand instruments. J Clin Periodontol; 2004 Jun; 31(6):428-33.