

PIEZON® PS

On Natural Teeth

GUIDED BIOFILM THERAPY (GBT) PROTOCOL

Supra- and subgingival calculus removal up to 10mm

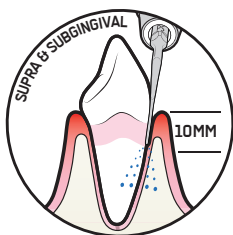
- + PIEZON® PS Instrument with PERIOFLOW®¹ provides for maximum comfort.²
- + PIEZON® PS Instrument produces approximately 40 % less roughness on amalgam, composite and porcelain restorations in comparison to instrument A.³
- + PIEZON® PS in combination with AIR-FLOWING® is safe with comparable clinical outcomes⁴ in comparison to traditional SRP and is suitable for the treatment of periodontal pockets.⁵
- + During GBT, PIEZON® PS delivers better patient compliance and generates less pain perception in nonsurgical periodontal therapy or supportive periodontal therapy⁶ in comparison to SRP.
- + AIR-FLOWING® with erythritol-based PLUS Powder and ultrasonic debridement with PIEZON® PS was more comfortable than ultrasonic debridement and polishing group.⁷



CLINICAL OUTCOMES

Removes calculus supra- and subgingivally in periodontal pockets^{2,8-12}

- + Bleeding On Probing (BOP)² is decreased, better results in terms of Probing Pocket Depth (PPD) and Clinical Attachment Level (CAL)^{2,9,12} than hand instrumentation, in initial treatment of chronic periodontitis.⁸
- + Best interproximal access^{13,14} and effectiveness in comparison to competition.^{15,16}
- + Significantly contributes to reducing Full-Mouth Plaque Score (FMPS) and Full-Mouth Bleeding Score (FMBS).¹⁰
- + Significantly reduces Probing Pocket Depth (PPD)^{2,9,12} during supportive periodontal therapy
- + Better penetration than pressure-controlled probe and cures in case of periodontitis.¹⁷



MICROBIOLOGICAL BENEFITS

Reduces the bacteria load, especially the bacteria responsible for periodontitis and bleeding:

- + AA (Aggregatibacter Actinomycetemcomitans) but lower reduction than PERIOFLOW®.⁸
- + Red complex bacteria: P. gingivalis,^{2,12} T. forsythia,^{2,12} T. denticola,^{2,12} Orange complex bacteria.²

MINIMAL INVASIVENESS, MAXIMUM COMFORT

- + Minimal pain on Visual Analog Scale (VAS), in Supportive Periodontal Therapy (SPT).¹⁶
- + Minimum pain intensity^{14,18} and minimum defect depth^{19,20} due to its linear movement in comparison to magnetostrictive technology.
- + Slim design enhances patient comfort and supragingival compliance.^{14,21}
- + Reduces sensitivity significantly more than conventional curettes¹⁰ in mild to moderate periodontitis
- + Preserves 80-84 % of coronal and apical cementum compared to hand instruments^{1,11,22} and air scalers.
- + Smoother surface than hand instrumentation,¹ limiting surface scratches and gouges.^{11,14}



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