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## Book information

**Authors:** Fridus van der Weijden

**Title:** The Power of Ultrasonics

**Short text:**

Today, routine use of an ultrasonic scaler reduces the need for a vast assortment of hand instruments, saving time and providing obvious ergonomic benefits. Moreover, complete professional prophylaxis for routine periodontal maintenance can often be performed with just one universal tip. The author of this book presents these and many other reasons why ultrasonic instruments are superior to hand instruments.

**Contents**

- Introduction
- Mechanical Scalers
- Effects of the Sonic Scaler
- Effects of the Ultrasonic Scaler
- Cooling Scaler Tips
- Effects of Professional Supra- and Subgingival Debridement
- Effects of Mechanical Scalers on the Tooth and Surrounding Tissues
- Possible Side Effects of Mechanical Scalers
- Contraindications
- Correct Application of Ultrasonic Instruments
- Systematic Treatment with Mechanical Scalers
- New Developments
- Dental Applications Outside Periodontal Therapy
- Conclusion

**Categories:** Periodontics, Endodontics