Franklin S. Weine

ENDODONTIC THERAPY

sixth edition



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ENDODONTIC THERAPY

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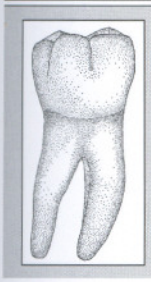
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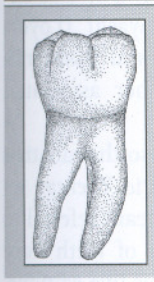
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PREFACE

During the ten years since the publication of my fifth edition, endodontic treatment has taken an abrupt change. This alteration was alluded to in its incipiency in that book with the introduction of nickel titanium files and mechanical handpieces driving rotating instruments. In truth, the previous five editions had railed specifically against the potential danger attendant to the use of the latter technique. As the current edition was being written, endodontic treatment clearly became a technologically driven procedure.

Canals are being measured by electronic apex locators, preparation is performed by mechanical means, and many canals are filled using heating units to soften the sealing materials. All of these methods are not only presented in this book, but actually, they are featured. However, it is important to realize that when technology is not completely understood, it can be dangerous. Even the most positive studies indicate that apex locators are accurate just over 90 percent of the time. In preparing curved canals, mechanically driven instruments may become susceptible to breakage. Depending upon the preparation method used, softened gutta-percha may be forced into the periapical tissues. Discussion of how to avoid these pitfalls is also emphasized.

Although I use many of the new products in my clinical practice, my own method of treatment has not changed a great deal since the publication of my first edition in 1972. I do use all of these newer techniques, but not exclusively, and usually to supplement my traditional forms of therapy. As I read the current endodontic literature and listen to lectures, I notice these new procedures are endorsed in a manner that almost negates the efficacy of the treatment modalities of the past. Interestingly, many of the completion radiographs demonstrating current trends are not followed by a realistic period of postoperative evaluations. For this reason, I have endeavored to get as many long-term follow-up films of my previously published cases as was possible, accepting the fact that many of the patients shown in earlier editions were middle-aged or older at the time of treatment. Patients who responded to my request were able to return or have their own dentist send me the desired radiographs and evaluations, providing the evidence that the tried and true classical methods of therapy were very effective. In this edition, we have included almost 70 cases illustrating long-term success of 17 to 35 years. One example of a long-term follow-up is demonstrated on the cover of the book.*

Being cognizant of the interest maintained by general dentists in clinical treatment, several other changes were made for this edition. Chapters 3 and 4 of the previous editions on the biology of pulpal and periapical tissues, so well written by Marshall Smulson and aided by Steve Sieraski, Sue Ellenz, and others, have been removed. Some of this material is still present in the clinically oriented chapters. However, the major thrust of this edition is to present clear and accurate information on clinical treatment procedures.

A considerable amount of information on new materials and techniques are presented, some by contributing authors. Jerry Pisano, who has contributed material since the second edition, again has completely revamped his chapter, emphasizing the new nomenclature of the bacteria that we deal with during treatment and the latest views concerning the maintenance of asepsis. Chris Wenckus discusses the use of newer techniques for canal filling. Arturo Ventura Morales has provided new views of

***ABOUT THE COVER**

The three-part figure shown on the book cover is taken from Figure 11-16, found on page 472. At the time of therapy, teeth with communicating apical and lateral pockets were considered to be "untreatable." The left film shows initial files in place. The middle film is the final filling with laterally condensed gutta-percha, the distal pocket could no longer be probed. The right film demonstrates the tooth 26 years after endodontic treatment.

access preparations for obtaining the most direct path to the apex. Jim Satovsky and Jim Bahcall have added material on new aids for surgical and nonsurgical treatment. Other material was added by Manny Bustamante, Steve Potashnick, Charles Lee, Sergio Kuttler, and Jeff Wingo. Mark Oliver and Allen Horn (of Dentsply/Tulsa Dental) were very liberal in their advice and products for investigations. I appreciate all of their efforts to improve the contents of this book.

I also appreciate the many suggestions offered to me in person and by mail from clinicians and educators from all over the world for additions and improvements of items in past editions. Many of these recommendations formed the basis of my clinical investigations and, ultimately, to future editions. Although their names are not listed, except for in some of the bibliographies, their ideas were always considered and evaluated.

New drawings for this book were provided by Sandy Cello Lang (who also worked on the previous two editions) and Don O'Connor, and photography was developed by Oscar Izquierdo and Al Hayashi (Loyola University, Medical Photography). Editorial assistance was provided by Penny Rudolph and her associates, Kimberly Alvis and Courtney Sprehe.

I have worked diligently in many areas so that dentists all over the world might make *Endodontic Therapy* an integral part of their practices, even if it meant referral to a competent colleague. Literally millions of teeth have been saved, at least partially, by the previous five editions. This fact alone has made my professional career very satisfying. I wish all of my readers continued success in endodontics.

Frank Weine

Expand your practice by offering root canal procedures!

Endodontic Therapy, 6th Edition offers the most clinically relevant techniques and extensive clinical photographs and x-rays to enable you to confidently perform endodontic procedures in your office. Having the most current information will assist you in clinical decision making.

With access to 95% of his endodontic patients for a *minimum* of 5 years, expert author, Franklin S. Weine, shares his extensive collection of before-and-after cases. The cases are illustrated with a generous number of radiographs, many of which span 35 years posttreatment!

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- **Case studies with accompanying radiographs** that go as far as 35 years posttreatment help determine the types of healing to be anticipated and, in some instances, the types of failures that may occur.
- The newest changes in procedures for treating problems associated with **AIDS** are included.
- Extensive coverage of the many **new instruments** introduced over the past 5 years is found.
- **Information reflects advances** in the areas of injections, the use of calcium hydroxide, calculation of working length, warm gutta-percha, and reduction of cross-contamination.
- **Over 1000 illustrations** demonstrate techniques, procedures, and follow-up results.
- Information on **emergency treatment** includes emergency treatment for patients in pain, teeth with abscesses, and treatment of flare-ups of infection.
- **Retreatment and restoration** of the endodontically treated tooth is covered.
- Case studies illustrate **endodontic-orthodontic relationships**.
- **Nonsurgical alternatives** to routine endodontic treatment are included.
- **Simple, concise language** makes sometimes difficult topics easy to understand.

It's everything you need to expand your practice– from an endodontics expert you can trust!

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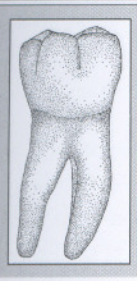
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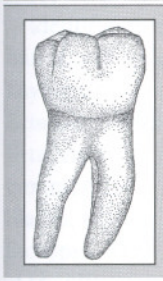
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