

Table of Contents

Preface

Pio Bertani, Massimo Gagliani, Fabio Gorni XV

CHAPTER 1

Failures in endodontics

An epidemiological and clinical analysis

*Massimo Gagliani, Fabio Gorni,
Marco Martignoni*

1

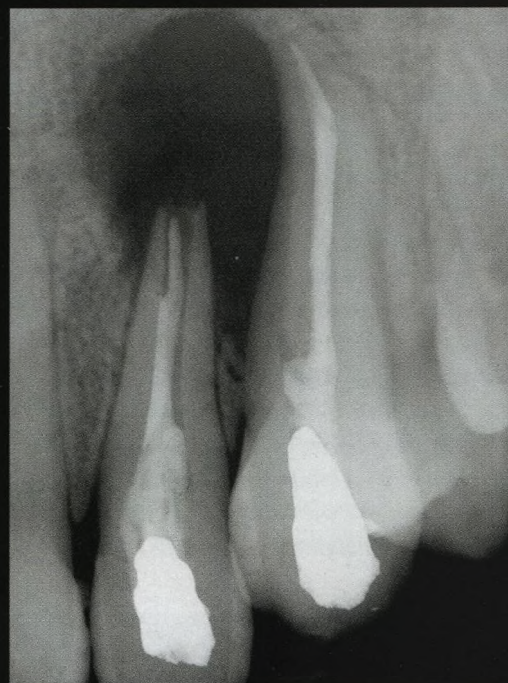
CHAPTER 2

Diagnostic procedures for endodontic failure

Clinical and radiological examinations useful for identifying periapical lesions

Roberto Fornara, Filippo Cardinali

71



CHAPTER 3

Clinical procedures for accessing the endodontic space

Techniques for removing all kinds of coronal and intracanal obstructions in the retreatment process

*Enrico Cassai, Massimo Giovarruscio,
Francesca Cerutti*

133

CHAPTER 4

Disinfection and clinical protocols in retreatments

Instruments and clinical protocols for endodontic space disinfection

Riccardo Tonini, Francesca Cerutti

255

CHAPTER 5

Filling methods in retreatment

Traditional and alternative techniques for sealing the endodontic space

Calogero Bugea, Arnaldo Castellucci

285

Acknowledgements

The authors would like to thank the following: Dr. Anna Maria Pirovano for the images on pages XVII and 189; Dr. Luciano Giardino for the histological images on page 44; Dr. Nicola Perrini for the histological image on page 45; Prof. Eugenio Brambilla for the numerous electron microscopy images on pages 6, 46, and 47 and for the endodontic microbiology section; Dr. Mario Badino for the advice on Chapter 2; Prof. Marco Scarpelli for the boxes on pages 214 and 215; Dr. Marco Femia and Dr. Sara Berri for the case report on page 78; Dr. Francesca Carrara for the figures on

CHAPTER 6**Post-retreatment phase:
a guided plan**

Temporal evolution of therapies:
evaluation tools and methods

*Massimo Gagliani, Fabio Gorni,
Marco Martignoni*

349

CHAPTER 7**Endoperiodontal lesions
and perforations**

Communication between the
endodontium and the periodontium:
anatomical pathways and iatrogenic errors

*Davide Guglielmi, Riccardo Tonini,
Fabio Gorni*

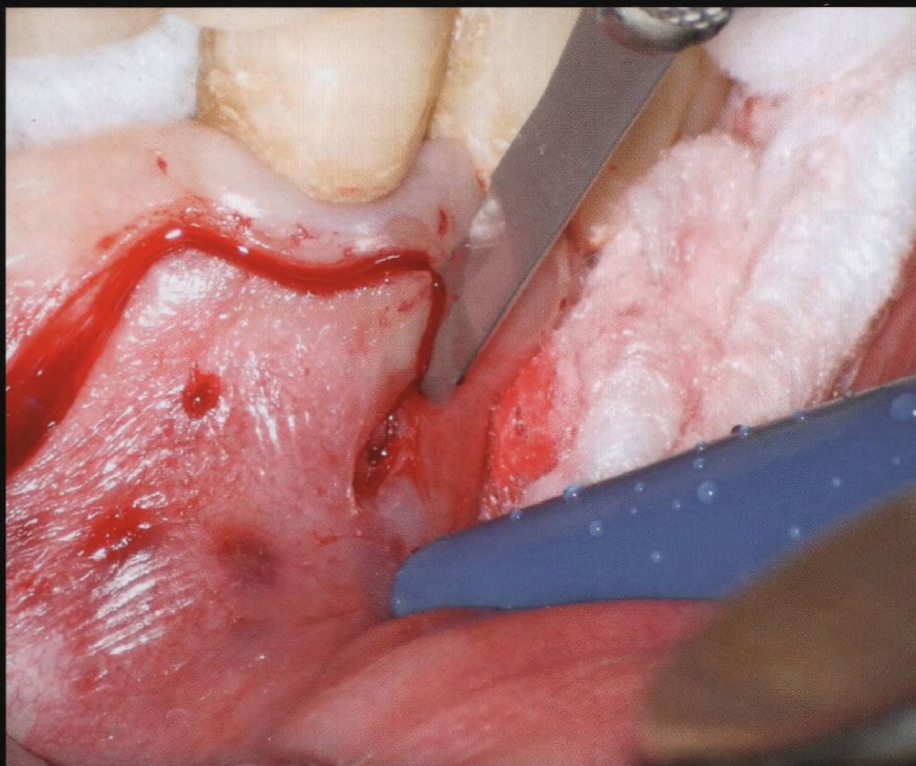
373

CHAPTER 8**Surgical Endodontics**

An alternative approach for the
treatment of periapical diseases

Francesca Cerutti, Fabio Gorni

407

**CHAPTER 9****Restoration of the endodontically
retreated tooth**

Peculiarities and operating techniques

Pio Bertani, Paolo Generali

441

CHAPTER 10**Tooth or implant: criteria for solving
the dilemma**

Clinical indications and operating
procedures for post-extraction implant
placement

*Tiziano Testori, Matteo Deflorian, Riccardo Scaini,
Silvio Taschieri, Massimo Del Fabbro*

479

page 257 (4.4a,b); Dr. Federico Berton for the SEM images on pages 284, 289, and 306;
Dr. Alessandra Abbà and Giulia Palandrani for the images on pages 324 and 325.

Calogero Bugea would also like to thank Dr. Maurizio Porcino, Dr. Roberto Placella, Dr. Vittoria
Eleonora Mazza, Dr. Roberto Luongo, Dr. Vanessa Villani, Dr. Ketty Bugea, Dr. Nicola Basile,
Mrs. Caterina De Giorgi, and Dr. Jordi P. Manauta.