



Edition: 1st Edition 2019

pages: 260

Images: 556

Cover: Hardcover, 21 x 28 cm; included videos via App

ISBN: 978-2-36615-057-5

Stock No.: 7615

Published: April 2019

Price

£168.00

Subject to changes!

#### Quintessence Publishing Company, Ltd.

 Grafton Road  
KT3 3AB New Malden, Surrey  
United Kingdom

 +44 (0)20 8949 6087

 +44 (0)20 8336 1484

 [info@quintpub.co.uk](mailto:info@quintpub.co.uk)

 <http://nginx/gbr/en>

## Book information

**Authors:** Bertrand Khayat / Guillaume Jouanny

**Title:** Microsurgical Endodontics

#### Short text:

#### Augmented reality in this book:

1. Download the app "Microsurgical Endodontics" on the App Store (iOS) or Google Play (Android).
2. Locate clinical photographs with the augmented reality symbol.
3. Roll over these photos with your smartphone or tablet with the application to play the videos.

Choosing the right approach to endodontic treatment is important because failure can lead directly to extraction. Endodontic surgery is a therapeutic solution that is too often overlooked, which is surprising given that it is a reliable technique with a very high success rate. Not only is endodontic surgery more conservative than conventional endodontic treatment, but it can also be used to resolve difficulties that are inaccessible by a conventional approach. Written by two specialists in the discipline, this book outlines predictable surgical strategies and presents more than a hundred clinical cases through each stage of treatment. This book provides concrete and practical information so that endodontists who want to implement surgical techniques can approach their first cases with the knowledge they need.

#### Contents

##### Chapter 01. Indications

- Presence of a lesion after a satisfactory treatment or retreatment
- Presence of a lesion after a nonsatisfactory treatment or retreatment
- Failure of a previous surgery
- Surgical treatment as the sole treatment: retrograde root canal treatment

##### Chapter 02. Contraindications

- Medical contraindications
- Local contraindications

##### Chapter 03. Preoperative examination, prescriptions, informed consent and postoperative instructions

- Preoperative examination
- Prescriptions in endodontic surgery
- Informed consent and postoperative instructions

##### Chapter 04. Optical aids and armamentarium

- Optical aids
- Instrumentation and materials

##### Chapter 05. Ergonomics and working positions

- Work environment
- Practitioner's position
- Patient and microscope position
- Four-handed work in endodontic surgery

##### Chapter 06. Anesthesia

- Instruments
- Anesthesia protocol

##### Chapter 07. Soft tissue anatomy and incision design

- Soft tissue anatomy

- Incisions
- Different types of flaps
- Flap designs

#### **Chapter 08. Flap elevation and suturing**

- Flap elevation and retraction
- Sutures

#### **Chapter 09. Osteotomy, resection, curettage and hemostasis**

- Osteotomy
- Apical resection
- Curettage
- Hemostasis
- Precautions per area
- Biopsy

#### **Chapter 10. Retrograde canal preparation**

- Objectives of retrograde canal preparation
- Ultrasonics
- Technical guide

#### **Chapter 11. Retrograde obturation**

- Root-end filling materials
- Technique

#### **Chapter 12. Outcome, regenerative procedures and complications**

- Outcome
- Regenerative procedures
- Postoperative patient management
- Complications

**Categories:** [Endodontics](#)