Record Nr. UNINA9910484416303321 Minimally invasive approaches in endodontic practice / / Gianluca **Titolo** Plotino, editor Pubbl/distr/stampa Cham, Switzerland:,: Springer,, [2021] ©2021 **ISBN** 3-030-45866-0 Edizione [1st ed. 2021.] 1 online resource (IX, 231 p. 177 illus., 138 illus. in color.) Descrizione fisica 617.522059 Disciplina Soggetti Mouth - Endoscopic surgery Lingua di pubblicazione Inglese Formato Materiale a stampa Livello bibliografico Monografia Nota di contenuto The Role of Technology in Minimally Invasive Endodontics -- Minimally Invasive Access to the Root Canal System -- Minimally Invasive Root Canal Instrumentation -- Root Canal Debridement and Disinfection in Minimally Invasive Preparation -- Filling of Root Canals after Minimally Invasive Preparation -- Strategies for the Reconstruction of Minimally Invasive Endodontic Treatments -- A Minimally Invasive Approach to Endodontic Retreatment and Micro-Surgical Endodontics -- Minimally Invasive Alternatives to Dental Extraction. Sommario/riassunto This book describes the latest minimally invasive approaches in endodontics and explains the principles that guide them. The advantages and limitations of these approaches are critically analyzed with the intention of defining new endodontic gold standards. The trend toward the use of more conservative procedures within endodontics reflects the wider adoption of minimally invasive dentistry in general and is being fostered by the introduction of new materials, devices, instruments, and techniques as well as the use of magnification and advanced three-dimensional diagnostic imaging technologies. In this book, readers will find clear explanation of these advances and their impacts. Minimally invasive access to the root canal system is described, and detailed attention is devoted to the

application of novel strategies in root canal instrumentation and disinfection, root canal filling, coronal restoration, retreatment, and endodontic surgery. Minimally invasive alternatives to complete

endodontic treatment, such as vital pulp therapies, and to dental extraction and implant placement, including surgical extrusion, intentional replantation, and tooth autotransplantation, are also discussed. Minimally Invasive Approaches in Endodontic Practice will be of value for endodontists at all levels of experience.