

1. Record Nr.	UNINA9910337483003321
Titolo	The Root Canal Anatomy in Permanent Dentition // edited by Marco A. Versiani, Bettina Basrani, Manoel D. Sousa-Neto
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-73444-X
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIX, 425 p. 230 illus., 204 illus. in color.)
Disciplina	617.6
Soggetti	Dentistry Human anatomy Anatomy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	History of the Studies on the Root Canal Anatomy -- Root Canal Components -- The Microanatomy of the Root Canal: The Dentinal Tubules -- Study of Canal Anatomy using Clearing Technique -- Study of Canal Anatomy using Micro-CT and CBCT -- Root Canal Configuration -- New Proposal for Root Canal Nomenclature -- Root Canal Anatomy of Maxillary and Mandibular Teeth -- The Complexity of the Apical Anatomy -- C-Shaped Root Canal System -- Internal Anatomy and Instrumentation -- Internal Anatomy and Irrigation -- Internal Anatomy and Obturation -- Managing Complex Root Canal Anatomies.
Sommario/riassunto	This book describes the most commonly methods used for the study of the internal anatomy of teeth and provides a complete review of the literature concerning the current state of research employing contemporary imaging tools such as micro-CT and CBCT, which offer greater accuracy whether using qualitative or quantitative approaches. In order to facilitate the management of complex anatomic anomalies, specific clinical protocols and valuable practical tips are suggested. In addition, supplementary material consisting in high-quality videos and images of different anatomies obtained using micro-CT technology is made available to the reader. The book was planned and developed in collaboration with an international team comprising world-recognized

researchers and experienced clinicians with expertise in the field. It will provide the readers with a thorough understanding of canal morphology and its variations in all groups of teeth, which is a basic prerequisite for the success of endodontic therapy.
