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Titolo	Clinical Approaches in Endodontic Regeneration : Current and Emerging Therapeutic Perspectives // edited by Henry F. Duncan, Paul Roy Cooper
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ISBN	3-319-96848-3
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Descrizione fisica	1 online resource (ix, 194 pages)
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Foreword.-Introduction -- Current and future directions in pulp diagnostics -- Current and future views caries management -- Current and future views on pulpal pain and neurogenesis -- Current and future views on pulpal angiogenesis -- Current and future views on pulp exposure management and epigenetic influences -- Current and future views on biomaterial use in regenerative endodontics -- Current understanding and future views on pulp inflammation & repair -- Current and future views on disinfection for regenerative strategies -- Current and future views on non-cell-based regenerative strategies -- Current and future views on stem cell-based strategies -- Current and future views on pulpal tissue engineering -- Current clinical practice and future translation.
Sommario/riassunto	This richly illustrated book combines explanation of the scientific base underpinning vital pulp treatment with description of current and emerging trends in clinical practice. It guides the reader through modern views on pulp diagnostics, deep caries, and pulp exposure management, leading to an analysis of the biological aspects of regenerative techniques such as angiogenesis, neurogenesis, inflammation, and epigenetics. In the later chapters, practical considerations relating to bioengineering, biomaterial choice, revitalization, and stem cell-based procedures are discussed and their likely therapeutic impact considered. Aimed at dental students,

postgraduates, and research-minded dental practitioners, this translational book summarizes state-of-the-art scientific knowledge on dentin–pulp interactions and regenerative endodontics, while highlighting the opportunities to incorporate recent developments into everyday practice. Readers will also find extensive discussion of potential future developments and research avenues relating to each aspect of this exciting and rapidly developing field.
