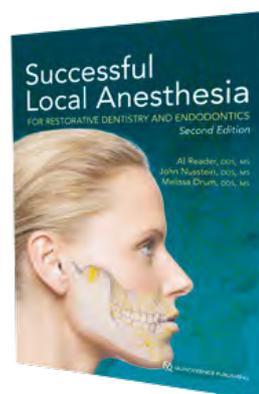


Successful Local Anesthesia for Restorative Dentistry and Endodontics

Authors: Al Reader / John Nusstein / Melissa Drum
 Publisher: Quintessence Publishing, USA
 Language: English
 ISBN: 978-0-86715-743-7
 Edition: 2/e
 Publish Year: 2017
 Pages: 240, illustrated
 Price: 88.00 €



It is known that besides the fear of pain, which is the main factor that makes patients delay the visit to the dentist one should add also the fact that 90% of the dentists encounter some difficulties while performing anesthesia during restorative dental procedures. For the success of local anesthesia in dental and endodontic restorations, the endodontic team of College of Dentistry's Division at The Ohio State University, Columbus, Ohio, has offered practitioners this book to ensure patient anesthesia by using the latest medicines and techniques. The book is divided in seven chapters. The first chapter discusses the clinical factors of dental anesthesia such as: confirming pulpal anesthesia in non-painful vital teeth, clinical local anesthesia, anxiety and pain, use of vasoconstrictors, characterize of injection pain, use of topical anesthetic alternative mode of reducing injection pain and alternative modes. Mandibular anesthesia is the subject of the second chapter, which tackles the inferior alveolar nerve block (IANB), anesthetic solution for IANB, mandibular injection locations, attempts to increase success of IANB in asymptomatic patients, mechanism of failure with the IANB, why asymptomatic patients do not achieve pulpal anesthesia with the IANB and methods to increase the success of mandibular anesthesia. The third chapter presents maxillary anesthesia by infiltration injection, it lists alternative anesthetic solutions, increasing the duration of pulpal anesthesia for infiltrations and describes alternate injections techniques. Supplemental anesthesia is the subject of Chapter 4, which describes supplemental infiltration, intraligamentar and intraosseous injections, indication and success rates. The fifth chapter talks about the clinical tips for the management of routine restorative procedures and provides information on anesthetic success for molars, premolars and anterior teeth, mandibular and maxillary. Endodontic anesthesia is presented in Chapter 6, detailing the clinical factors and methods related to confirming pulpal anesthesia, factors related to pain, the success of local anesthesia in irreversible pulpitis, postoperative pain reduction in irreversible pulpitis, the use of supplemental intraligamentary, intraosseous, intraseptal and intrapulpal injection. The last chapter describes some clinical tips for the management of specific endodontic situations, describing how to successfully anesthetize and defines some considerations regarding endodontic anesthesia. The book is accompanied by an index and each chapter benefits from abundant references. The book guides the practitioner on how to make a successful anesthesia using the latest techniques and drugs; the book is a guide that should not be missing from the library of every practitioner who is aiming at dental and endodontic high-quality restorations.

DOI: 10.25241/stomaeduj.2018.5(1).bookreview.2

The Books Review is drafted in the reviewer's sole wording and illustrates his opinions.

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Successful Local Anesthesia for Restorative Dentistry and Endodontics : Fear of pain is the number one reason people give for not making regular visits to the dentist. At the same time, a majority of dentists report experiencing anesthesia-related problems during restorative dental procedures. If dentists are able to provide painless treatment, patient compliance and satisfaction are likely to improve. Administration of local anesthesia is invariably the first procedure they perform and it affects everything they do thereafter. If the patient is not adequately anesthetized, difficulties inevitably arise. This book will help you successfully anesthetize your patients using the newest technology and drugs available. Restorative Dentistry & Endodontics Vols. 37 to 45; 2012 to 2020. Vol. 45 2020. v.45(1) 2020 Feb. v.45(2) 2020 May. v.45(3) 2020 Aug. Vol. 44 2019. Articles from Restorative Dentistry & Endodontics are provided here courtesy of Korean Academy of Conservative Dentistry. Support Center Support Center. External link. Please review our privacy policy. NLM. NIH. DHHS. Restorative Dentistry And Endodontics. 13,370 Followers. Recent papers in Restorative Dentistry And Endodontics. Papers. People. Root groove depth and inter-orifice canal distance as anatomical predictive factors for danger zone in the mesial root of mandibular first molars. Objectives This study evaluated the danger zone (DZ) in mesial roots of mandibular molars and the correlation between anatomical references of the DZ and some anatomical landmarks including tooth/root length, depth of mesial and distal more. Modifying the composition of dental restorative materials with antimicrobial agents might induce their antibacterial potential against cariogenic bacteria, e.g., *S. mutans* and *L. acidophilus*, as well as antifungal effect on *C. albicans* more.