

Single-Visit Endodontics: An Online Study Guide

Abstract

The Editorial Board of the *Journal of Endodontics* has developed a literature-based study guide of topical areas related to endodontics. This study guide is intended to give the reader a focused review of the essential endodontic literature and does not cite all possible articles related to each topic. Although citing all articles would be comprehensive, it would defeat the idea of a study guide. This section will cover single visit endodontics. (*J Endod* 2008;34:e121–e123)

Correspondence: JOE Editorial Board
 JEndodontics@UTHSCSA.edu
 0099-2399/\$0 - see front matter
 Copyright © 2008 by the American Association of Endodontists.
 doi:10.1016/j.joen.2007.08.013

Introduction

The delivery of high-quality clinical care requires a thorough understanding of the endodontic literature. The Editorial Board of the *Journal of Endodontics* (JOE) has developed this online study guide for endodontists and fellow clinicians interested in endodontics.

There are several potential applications for an online study guide. First, an online study guide permits clinicians to focus in on particular areas of endodontics where they can quickly review key papers devoted to one particular topic. For example, this particular study guide provides a summary of key papers in the area of single-visit endodontics.

Second, a study guide permits speakers to efficiently review background material in preparation for future courses, lectures, or continuing educational events. Third, an online study guide permits students to review key papers in preparation for future examinations or for development of residency seminars. And, fourth, an online study guide permits readers to quickly and efficiently access either the abstract or the entire paper cited in the tables (see Discussion for details).

Methods

One potential problem in developing an online study guide was to provide a summary of major papers that contributed to a given topic area. The inclusion of all possible papers on a given topic would lead to an unwieldy collection that failed to clearly identify key papers in the area. Of course, the exclusion of key papers is also problematic. To address this issue, the JOE Editorial Board developed the overall list of topics to be covered and then for each topic generated an initial tabulation of key historical and contemporary papers on that topic. This list was then sent to two outside reviewers who were both experienced educators and Diplomates of the American Board of Endodontics. These reviewers then recommended additions and deletions of papers to the proposed topic list.

In order to maintain currency, the JOE Editorial Board proposes to periodically update each topical study guide using the same peer-reviewed process as described above.

Results

The results of the study guide (1-14) provide an overview of selected literature on single-visit endodontics. This information is organized into Table 1.

Discussion

The journey to clinical excellence requires not only outstanding clinical skills but also that special knowledge that accrues from a study of the endodontic literature. The purpose of the JOE online study guide is to serve as one source for efficiently reviewing key papers that are organized by topic area and presented with the advantages of online Internet technology.

Although JOE readers are undoubtedly familiar with many aspects of the Internet, there are special features available at JOE online that provide particular advantages in their application for a study guide. For example, if this particular study guide is downloaded as a pdf, it provides a useful but static listing of the cited articles. On the other hand, if the reader navigates to the table of contents page for the online study guide and then clicks on "Full Text" (Fig. 1), they will be taken to an HTML version of the study guide. This online version of the study guide has special capabilities including the fact that the references are hyperlinked. Thus, the reader can quickly obtain abstracts of nearly all cited papers and can review the entire paper of many of the cited papers with only a few clicks of their mouse (Fig.

Online Study Guide

2). Thus, combining a study guide with online capabilities provides particular benefits for efficiently reviewing key papers in the endodontic literature.

We hope that this study guide will prove useful to you as one source

for developing a focused and special base of endodontic knowledge. As always, we are interested in your thoughts on this initiative and how JOE can better serve you, our readers. Feel free to e-mail us at: JEndodontics@UTHSCSA.edu.

TABLE 1. Single-Visit Endodontics

Ref #	Title
1.	Soltanoff W. A comparative study of the single-visit and the multiple-visit endodontic procedure. <i>J Endod</i> 1978;4:278–81.
2.	Calhoun RL, Landers RR. One-appointment endodontic therapy: A nationwide survey of endodontists. <i>J Endod</i> 1982;8:35–40.
3.	Mulhern JM, Patterson SS, Newton CW, Ringel AM. Incidence of postoperative pain after one-appointment endodontic treatment of asymptomatic pulpal necrosis in single-rooted teeth. <i>J Endod</i> 1982;8:370–5.
4.	Oliet S. Single-visit endodontics: a clinical study. <i>J Endod</i> 1983;9:147–52.
5.	Roane JB, Dryden JA, Grimes EW. Incidence of postoperative pain after single- and multiple-visit endodontic procedures. <i>Oral Surg Oral Med Oral Pathol</i> 1983;55:68–72.
6.	Southard DW, Rooney TP. Effective one-visit therapy for the acute periapical abscess. <i>J Endod</i> 1984;10:580–3.
7.	Ashkenaz PJ. One-visit endodontics. <i>Dent Clin N Am</i> 1984;28:853–63.
8.	Sjogren U, Figdor D, Persson S, Sundqist G. Influence of infection at the time of root filling on the outcome of endodontic treatment of teeth with apical periodontitis. <i>Int Endod J</i> 1997;30:297–306.
9.	Eleazer PD, Eleazer KR. Flare-up rate in pulpally necrotic molars in one-visit versus two-visit endodontic treatment. <i>J Endod</i> 1998;24:614–6.
10.	Katebzadeh N, Hupp J, Trope M. Histological periapical repair after obturation of infected root canals in dogs. <i>J Endod</i> 1999;25:364–8.
11.	Trope M, Delano O, Orstavik D. Endodontic treatment of teeth with apical periodontitis: single vs. multi-visit treatment. <i>J Endod</i> 1999;25:345–50.
12.	Katebzadeh N, Sigurdsson A, Trope M. Radiographic evaluation of periapical healing after obturation of infected root canals: an in vivo study. <i>Int Endod J</i> 2000;33:60–6.
13.	Weiger R, Rosendahl R, Lost C. Influence of calcium hydroxide intracanal dressings on the prognosis of teeth with endodontically induced periapical lesions. <i>Int Endod J</i> 2000;33:219–26.
14.	Sathorn C, Parashos P, Messer HH. Effectiveness of single- versus multiple-visit endodontic treatment of teeth with apical periodontitis: a systematic review and meta-analysis. <i>Int Endod J</i> 2005;38:347–55.

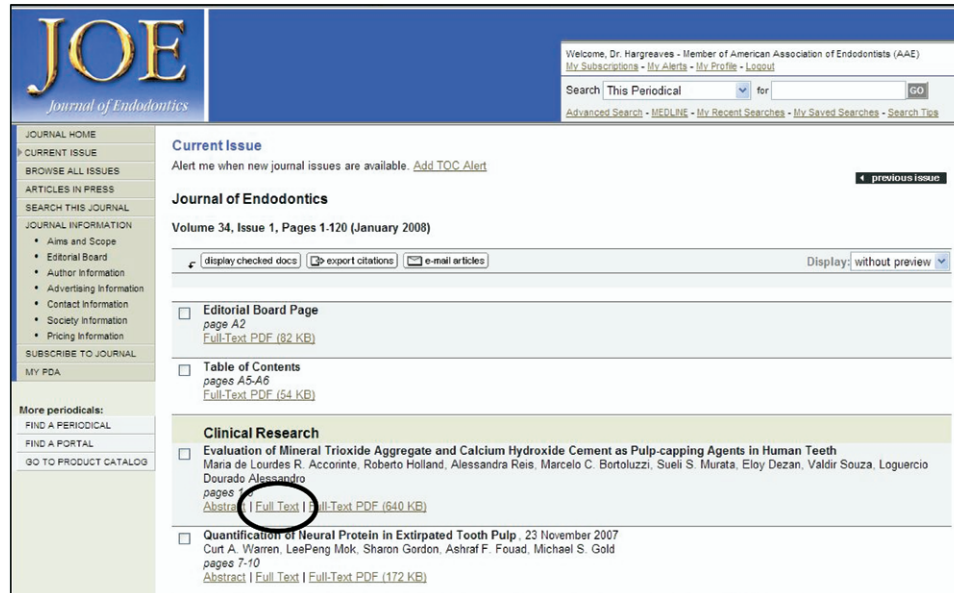


Figure 1. Navigation to HTML version.

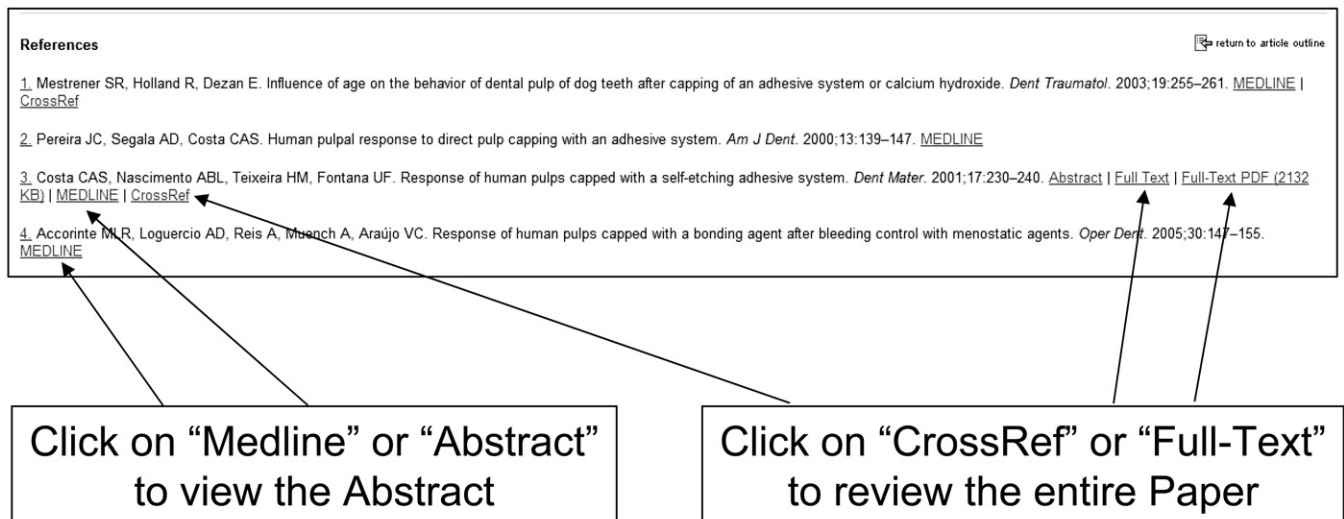


Figure 2. Hyperlink to References.

References

1. Soltanoff W. A comparative study of the single-visit and the multiple-visit endodontic procedure. *J Endod* 1978;4:278–81.
2. Calhoun RL, Landers RR. One-appointment endodontic therapy: a nationwide survey of endodontists. *J Endod* 1982;8:35–40.
3. Mulhern JM, Patterson SS, Newton CW, Ringel AM. Incidence of postoperative pain after one-appointment endodontic treatment of asymptomatic pulpal necrosis in single-rooted teeth. *J Endod* 1982;8:370–5.
4. Oliet S. Single-visit endodontics: a clinical study. *J Endod* 1983;9:147–52.
5. Roane JB, Dryden JA, Grimes EW. Incidence of postoperative pain after single- and multiple-visit endodontic procedures. *Oral Surg Oral Med Oral Pathol* 1983;55:68–72.
6. Southard DW, Rooney TP. Effective one-visit therapy for the acute periapical abscess. *J Endod* 1984;10:580–3.
7. Ashkenaz PJ. One-visit endodontics. *Dent Clin N Am* 1984;28:853–63.
8. Sjogren U, Figdor D, Persson S, Sundqvist G. Influence of infection at the time of root filling on the outcome of endodontic treatment of teeth with apical periodontitis. *Int Endod J* 1997;30:297–306.
9. Eleazer PD, Eleazer KR. Flare-up rate in pulpally necrotic molars in one-visit versus two-visit endodontic treatment. *J Endod* 1998;24:614–6.
10. Katebzadeh N, Hupp J, Trope M. Histological periapical repair after obturation of infected root canals in dogs. *J Endod* 1999;25:364–8.
11. Trope M, Delano O, Orstavik D. Endodontic treatment of teeth with apical periodontitis: single vs. multi-visit treatment. *J Endod* 1999;25:345–50.
12. Katebzadeh N, Sigurdsson A, Trope M. Radiographic evaluation of periapical healing after obturation of infected root canals: an in vivo study. *Int Endod J* 2000;33:60–6.
13. Weiger R, Rosendahl R, Lost C. Influence of calcium hydroxide intracanal dressings on the prognosis of teeth with endodontically induced periapical lesions. *Int Endod J* 2000;33:219–26.
14. Sathorn C, Parashos P, Messer HH. Effectiveness of single- versus multiple-visit endodontic treatment of teeth with apical periodontitis: a systematic review and meta-analysis. *Int Endod J* 2005;38:347–55.