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Reliable procedure, Intentional Replantation

Intentional replantation is a useful and indispensable procedure that can be applied lastly for tooth preservation in situations where non-surgical endodontic treatment and apical surgery are difficult. However, there are many practitioners who are afraid of the outcome of the procedure because of the rejection due to the operation that accompanies the extraction, and the few studies that can predict the prognosis. I investigated the results of intentional replantation and the major factors affecting the intentional replantation based on the results of analysis of 300 cases performed for 10 years at Yonsei University Dental College Hospital in Korea. The purpose of this study is to provide a more precise prediction of the prognosis by analyzing the time of failure and the results of preoperative periodontal status. In addition, we analyzed the outcome factors of extra-oral time and retro-filling materials, and discussed the precautions for improving the success rate. We also wanted to share the method for safe extraction with less tooth fracture and root damage. It is the ultimate goal of this lecture that many practitioners will come to intentional replantation with more comfortable mind through such contents.

Biography

Sin-Yeon Cho has obtained endodontic specialist board in Korea in 2013 and completed his PhD from Yonsei University in 2014. He is working in National Health Insurance Hospital Ilsan Hospital in Korea and researching intentional replantation using clinical study, finite element analysis and basic experiment. He has published 3 papers regarding intentional replantation and periodontal ligament regeneration in Journal of Endodontics within the last 2 years.

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