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Intentional replantation: An updated protocol in endodontic retreatment

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Intentional replantation (IR) is a concept that has been known for over a thousand years, it is defined by Grossman (1966) as an atraumatic extraction of a tooth and its reinsertion into its socket immediately after endodontic treatment and apical repair is done extra-orally. Intentional replantation is a treatment option when more conventional forms of treatment and retreatment either fail or are impossible. Recent case reports have demonstrated that with good case selection, intentional replantation can be a reliable and predictable procedure. The two most important factors for successful intentional replantation procedures are short extraoral time and atraumatic extraction. Through case reports, the indications and contraindications for intentional replantation will be discussed. The updated procedures for this rarely used treatment will be presented.

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