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INTENTIONAL REPLANTATION, A CHALLENGING TREATMENT OPTION: CASE REPORT

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Preservation of natural dentition is the primary goal of any conservative treatment modality. Intentional tooth re-implantation is a treatment alternative that should not be underrated. Although not the primary therapy of choice, extraction and re-implantation of the same tooth are indicated in situations when the patient and/or the existing clinical conditions will not accept alternative solutions such as root canal treatment, apicoectomy or implants. A three treated cases with this treatment modality will be presented orally accompanied with video illustration. Patients were seen in Dental Department, Endodontic Division, in PSMCC. Case 1: A 34 years old Saudi female patient, complaining from pain related to maxillary left posterior teeth. A previously root canal treated teeth #25, 26 and 27 with acute apical periodontitis were the diagnosed and decision made to do apicoectomy for teeth #25 and 26 and intentional replantation for tooth #27; Case 2: A 38 years old Saudi female also complaint from pain related to #16, with the full porcelain crown and same diagnosis of the previous case. After discussing with the patient, the treatment options, intentional replantation with micro apical surgery was performed; Case 3: Iraqi male, the diagnosis for #16 was previously root canal treated tooth with chronic apical periodontitis. Intentional replantation was the treatment of choice. Follow up period was done up to one year. All patients were asymptomatic and a signs of bone healing were evident radio graphically. In conclusion management of apical periodontitis with re-implantation is a predictable and acceptable method of treatment.

BIOGRAPHY

Ashwaq Asiri graduated from King Saud University in 2012. After graduation she serve as demonstrator in Dental College, Majmaah University from 2013-2018. Her postgraduate program in Endodontics was done from KSA, which is Saudi Board of Endodontics. She was granted the Saudi Board of Endodontics in last November. She published article in *Australian Journal of Forensic Science* 2015 entitled "Awareness of forensic dentistry scope and practice among dental practitioners in SA". She was elected to serve as Chief Resident from 2017-2018. Now she is Senior Registrar and Assistant Professor in Majmaah University.

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