

## Porcelain Fuse to Metal Crown with Additional Retention of Fiber Post and Composite Core in Three Maxillary Incisivus : Case report

Yuniar Tri Wahyuti<sup>1</sup>, Erma Sofiani<sup>2</sup>

<sup>1</sup>Student of School of Dentistry, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah Yogyakarta

<sup>2</sup>Lecturer of School of Dentistry, Faculty of Medicine and Health Sciences, Universitas Muhammadiyah Yogyakarta

### ABSTRACT

**Introduction:** Anterior teeth with pulpal necrosis usually result pain followed with discoloration that has to be treated with root canal treatment and post endodontic restoration. Root canal treatment was conducted to retain the tooth as long as possible. However restoration post endodontics has to be made to improve the aesthetics. Anterior teeth with pulpal necrosis has to be treated simultaneously in the same period of time to improve its aesthetics. **Case Report:** A women age 23 years old visited RSGM complaining of throbbing pain in her upper front teeth. Clinical appearance revealed over contour acrylic restoration in tooth 11 and 21, temporary filling in palatal of tooth 12 followed by facial discoloration in each of them. Gingival of tooth 12, 11, and 21 was inflamed in whole area. Patient felt long period of pain during percussion test of tooth 11 and 21. Vitality test using chlor etyl indicate negative respond for tooth 12, 11, and 21. Radiograph finding showed a wide radiolucency in apical of tooth 11 and 21. **Case Management:** Multi visit root canal treatment was done to 12, 11 and 21 followed by restoration post endodontic. Fiber reinforced composite was used for root canal post restoration with composite core and porcelain fuse to metal jacket was inserted for final restoration. **Result:** Patient informed soothe after first visit and gingival area was revealed healthy with coral pink color. Final restoration were aesthetics and radiolucency in apex reduced after six months observation **Conclusion:** Anterior tooth with necrosis of the pulp have to be treated with root canal treatment followed by post endodontic restoration also final crown replacement to bring back its function and aesthetics

**Key Words :** Root canal treatment, anterior teeth, post endodontic restoration.

## Traumatic ulcer due to unprofessionally Orthodontic Treatment

Israyani<sup>1</sup>, Selviana Tampoma<sup>1</sup>, Bagus Soebadi<sup>2</sup>

<sup>1</sup>Resident Oral Medicine, Faculty of Dentistry, Airlangga University

<sup>2</sup>Oral Medicine Department, Faculty of Dentistry, Airlangga University

### ABSTRACT

**Background:** Orthodontic treatment has become a trend nowadays among people. This treatment is an expensive treatment, that is the reason why a few people seek unprofessionally dental practitioners without thorough examination and legally treatment that less costly. **Purpose:** This case report purposed to know traumatic ulcer due to unprofessionally orthodontics treatment. **Case Report:** A 49 year old female patient came with chief complaint of canker sores at inner side of her upper lip ,a day after she wore a fixed orthodontic appliance. The appliance is assembled by a unprofesionally dental health care at the patient's house. Patient had used topical preparation containing polycresulen but the lesion got more severe. Intraoral examination showed ulceration on bilateral labial mucosa were ovale , 1x2 cm in diametres , covered by white yellowish pseudomembran. She was felt pain, so that she asked to remove the orthodontic appliance. **Case Management:** First treatment is remove the Orthodontic appliance , and debridement the lesion. Patient was given a topical corticosteroid (triamcinolone in orabase 0.1%), systemic corticosteroids (methyl prednisolone 16 mg) and mouthwash antiseptic (chlorhexidine gluconate 0.1%). **Result:** patient showed healing a week after treatment. **Conclusion:** Traumatic ulcer is one of the side effects that can occur in orthodontic treatment,so the treatment must be performed by orthodontists .

**Key words:** Ulcer, orthodontic appliance, corticosteroid.