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Follow Up Onlay Composite On The First Permanent Molar In Children: Case Report

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ABSTRACT

Onlay composite is one of the choices for post restoration of the root canal treatment that covers the entire cusp in permanent posterior teeth. Onlay can be made with a direct and indirect technique, have a similar teeth color character, not abrasive, resistant to staining restoration because of the food, the reduction of tooth structure is minimal, and good aesthetics. The purpose of this special report is that it gives information about the advantages of post restoration of the root canal treatment that covers the entire cusp in permanent posterior teeth. A girl patient, aged 10 years and 10 months, came to the Clinic Pediatric Dentistry, Dental Hospital University of Padjadjaran with a complaint that her back bottom right teeth. The pain that's been coming and going has been happening since 2 months ago, she got a change to drink painkillers and wants to be treated. The patient likes to eat sweets and rarely brushes her teeth. Intraoral checkup shows that she has 46 non vital teeth. During the radiography checkup there was an expansion in the periodontal membrane, profunda caries and is diagnosed with pulp necrose. The treatment that was done are non vital pulpectomy and a follow up with making an onlay composite. Post treatment, the patient receives treatments that went out well and routinely perform periodic controls. As a pediatric dentist, we get to choose the right treatment for a follow up after root canals treatment by looking through the financing aspect, length of procedure, masticatory function and aesthetic function, one using composite onlay restorations.

Key Words: onlay composite, indirect, pulp necrose, permanent teeth

INTRODUCTION

Dental caries is a major problem in the children oral cavity up till this day. Children aged 8-11 years are vulnerable to dental and mouth diseases, because most children at that age still have a behavior or habit that is less supportive on dental health. Young permanent first molars are the teeth with the highest caries incidence rate and has most damage that occurs in the first two years after that teeth erupts.