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Comprehensive Treatment Such As: Restorations, Extraction And Space Maintainer In Children With Poor Oral Condition: A Case Report

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ABSTRACT

Despite improvements in the oral health of children in recent decades, caries, tooth persistence and premature loss remains a serious threat to child welfare. This condition affects not only the patients, but also their families and even the communities in which they live. In that condition, there is early carious involvement and gross destruction of the teeth. This leads to problems like reduced vertical dimension, masticatory insufficiency, esthetics, development of parafunctional habits like tongue thrusting and psychological problems. This case showed management comprehensive treatment for children with poor oral condition. A 8 year old girl patient accompanied with her parents were reported to the Pediatric dentistry Clinic RSGM UNPAD with a chief complaint of pain in the molar teeth. Clinical examinations found dental caries, persistence almost all teeth in the maxilla and mandible. Based on panoramic radiograph, treatments that can be done are restorations such as stainless steel crown, glass ionomer and composite filling, pulp treatments, extractions and fixed space maintainer. During treatment the patient was given oral hygiene instruction and recommend daily use of tooth mice. After all treatment were completed, fluoride topical, and fissure sealants, recall check up after three months was scheduled. Comprehensive treatment needed in handling children with poor oral condition. Long-term treatments for this patient must be done, due to anterior cross bite that patient has, the treatment such as orthodontic interceptive treatment or growth modification might be necessary.

Keywords: comprehensive dental treatment, oral health, restoration, space maintainer

INTRODUCTION

Dental caries can be defined using two criteria. First, caries is a bacterial infection caused by specific acidogenic bacteria in the plaque biofilm. Second, caries is a multifactorial process of tooth demineralization and re-mineralization, which until cavitation is reversible. Caries is the point at which the process of bacterial demineralization of tooth