

**GAMBARAN *pH* SALIVA SEBELUM DAN SESUDAH PENGOLESAN
BAHAN REMINERALISASI CPP-ACP (TOOTH MOUSSE)
PADA SISWA KELAS 1 SDN ANAKA
KOTA TASIKMALAYA**

Popi Nurrahma Awaliah¹ Rena Setiana Primawati² Aan Kusmana³

¹⁾ Mahasiswa Program Studi Diploma III Kesehatan Gigi

^{2, 3)} Dosen Jurusan Keperawatan Gigi Poltekkes Kemenkes Tasikmalaya

INTISARI

Pendahuluan: Kesehatan gigi dan mulut sangat perlu diperhatikan karena dapat mempengaruhi kesehatan tubuh secara menyeluruh serta mempengaruhi kualitas hidup. *Casein phosphopeptide-Amorphous calcium phosphate (CPP-ACP)* adalah salah satu bahan yang digunakan dalam kedokteran gigi untuk mencegah karies. Derajat keasaman *pH Saliva* merupakan salah satu faktor yang menyebabkan karies gigi. **Tujuan Penelitian:** Untuk menganalisis gambaran *pH Saliva* sebelum dan sesudah pengolesan bahan remineralisasi CPP-ACP (*Tooth mousse*) pada siswa kelas 1 SDN Anaka Kota Tasikmalaya. **Jenis Penelitian :** Penelitian ini merupakan jenis penelitian *deskriptif* dengan desain rancangan penelitian *one group pre and post test*. Teknik pengambilan sampel adalah total populasi, dengan total sampel 34 responden. Hasil pemeriksaan *pH Saliva* sebelum dan setelah diberikan perlakuan pengolesan bahan remineralisasi CPP-ACP (*Tooth mousse*). **Hasil Penelitian:** Hasil penelitian *pH Saliva* sebelum pengolesan bahan antikariogenik CPP-ACP (*Tooth mousse*) adalah berada pada $pH < 7$ sebanyak 34 orang (100 %) dengan rata-rata *pH* 6,00 kategori “asam”. Sedangkan *pH Saliva* setelah pengolesan bahan antikariogenik CPP-ACP (*Tooth mousse*) adalah berada paling banyak berada pada $pH = 7$ sebanyak 32 orang (94,1 %) $pH < 7$ sebanyak 2 orang dengan rata-rata *pH* 6,95 kategori “netral”. **Kesimpulan Penelitian:** Bahwa penggunaan pasta *Casein Phosphopeptide-Amorphous Calcium Phosphate (CPP-ACP)* dapat meningkatkan *pH Saliva* menuju arah normal.

Kata kunci: *Casein Phosphopeptide-Amorphous Calcium Phosphate (CPP-ACP)*, *pH Saliva*

**DESCRIPTION OF SALIVA PH BEFORE AND AFTER POLISHING
CPP-ACP REMINERALIZED MATERIAL (TOOTH MOUSSE)
IN THE 1ST GRADE OF SDN ANAKA
TASIKMALAYA CITY**

Popi Nurrahma Awaliah¹ Rena Setiana Primawati² Aan Kusmana³

¹⁾ *Students of Diploma III Dental Health Study Program*

^{2,3)} *Lecturer of The Department of Dental Nursing Poltekkes Kemenkes
Tasikmalaya*

ABSTRACT

Introduction: Dental and oral health is very important because it can affect the overall health of the body and affect the quality of life. Casein phosphopeptide-Amorphous calcium phosphate (CPP-ACP) is one of the ingredients used in dentistry to prevent caries. The degree of acidity of the pH of saliva is one of the factors that cause dental caries. **The aim of the Research :** To analyze the pH image of Saliva before and after the smearing of CPP-ACP (Tooth mousse) remineralization materials in 1st grade students of Anaka Elementary School tasikmalaya City. **Type of Research:** This research is a type of deskriptif research with a one group pre and post test research design design. The sampling technique is the total population, with a total sample of 34 respondents. Hasil saliva pH examination before and after being given the smearing treatment of CPP-ACP (Tooth mousse) remineralization material. **Result of the Research:** The results of salivary pH research before the smearing of antiangiogenic substances CPP-ACP (Tooth mousse) were at pH < 7 as many as 34 people (100%) with an average pH of 6.00 in the "acid" category. While the pH of saliva after the smearing of anticariogenic material CPP-ACP (Tooth mousse) is the most at pH = 7 as many as 32 people (94.1%) pH < 7 as many as 2 people with an average pH of 6.95 "neutral" category. **Research Conclusion:** That the use of Casein Phosphopeptide-Amorphous Calcium Phosphate (CPP-ACP) paste may increase salivary pH in the normal direction.

Keywords: Casein Phosphopeptide-Amorphous Calcium Phosphate (CPP-ACP), pH Saliva