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The optimization of school dental health initiatives (Usaha Kesehatan Gigi Sekolah/UKGS) in improving the dental health level of the students of SMP kertha budaya MAS, UBUD District

I Nyoman Gejir and I Gede Surya Kencana
Health Ministry Polytechnic Denpasar
*Corresponding Author: I Nyoman Gejir
Email id: pejirnyoman@gmail.com

ABSTRACT

World Health Organization (WHO), in 2000 introduced an approach of health promoting school. Usaha Kesehatan Gigi Sekolah (UKGS) is one of the efforts for the achievement of Health Promoting School. The objective of this study is to analyze the effectiveness of the UKGS optimization in improving the dental health level of the students of SMP (Junior High School) Kertha Budaya Mas, Kecamatan Ubud.

The design of this study is repetitive measurement in pre test and post test. The type of this study is non equivalent control group design. This study is conducted in SMP Kertha Budaya Mas, Ubud District. The size of respondents of this study is 122 persons.

From the finding of this study and data analysis, it is found that there is significant improvement in the average score of the students' knowledge in dental and oral health of the case group from 5.4 to 8.1. In control group, there is also an improvement of average score from 5.8 to 7.1 with significance value of 0.000. The average score of OHI-S of case group decreases from 1.9 (medium category) to 0.6 (good category) which means that there is a meaningful improvement in dental and oral hygiene which is with significance value of 0.000. In control group, there is no meaningful difference in average score of OHI-S between the first and the second measurements.

The conclusion of this study is that the optimization of UKGS of the students of SMP Kertha Budaya Mas, Ubud District is effective in the improvement of the students' knowledge in dental and oral health and in the improvement of dental health level. Based on such conclusion, it is suggested that the implementation of UKGS in SMP (Junior High School) is to be done optimally by the involvement of all relevant stakeholders.

Keywords: Optimization, UKGS, Dental and Oral Health Knowledge, OHI-S

INTRODUCTION

World Health Organization (WHO), in 2000, introduced an approach of Health Promoting School. The technical program of Department of Non-Communicable Disease and Health Promotion

which accommodate dental and oral health program globally is WHO Global Oral Health Programme (GOHP). This program suggests that countries around the world are to develop policies in the prevention of dental and oral diseases. One of the priority actions of GOHP is the promotion of dental