ABSTRACT

THE DIFFERENCE OF DENTAL CARIES IN PRIMARY SCHOOL STUDENT WITH UKGS PROGRAM AND WITHOUT UKGS PROGRAM IN THE DISTRICT OF ENGGAL BANDAR LAMPUNG

By

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Dental caries is the most common disease in primary school student. Caries causes pain that interferes the daily activities. UKGS program is one way to prevent dental caries. The aim of this research was to determine differences in the incidence of dental caries in primary school student with UKGS program and without UKGS program in the district of Enggal, Bandar Lampung.

This study is an analytical study with cross sectional design. The experiment was conducted in October 2014 in SDN 02 Rawa Laut and SDN 02 Pahoman. The sample 285 student were taken from each school by simple random sampling technique. Data obtained from questionnaires and primary dental caries examination to see the number of dental caries experience using DMF-T index.

The results showed that cases of dental caries based on index DMF-T in school with UKGS program is 2.0, while school without UKGS program has DMF-T index of 3.5. The results of the analysis using Mann Whitney test with a confidence level of 95%, value of p <0.05 showed the significant difference between the primary school with UKGS program and without UKGS program.

The conclusion of this study indicated the significant difference of dental caries between the primary school with UKGS program and without UKGS program in the district of Enggal, Bandar Lampung.

Keywords: Dental caries, DMF-T index, UKGS