

**A STUDY ON THE CHANGE IN ORAL ENVIRONMENT AS A RESULT OF  
OPERATING A DENTAL HYGIENE COURSE (ADPE) PROGRAM FOR  
SUBJECTS VISITING THE INTRAMURAL LABORATORY**

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**ABSTRACT**

Dental hygiene diagnosis statements focus attention on the behavioral aspects as well as deviations from normal oral health. The present study conducted analysis on 320 patients who consented to and finished the dental hygiene course (dental hygiene assessment, diagnosis, planning, implementation and assessment) at one university in Busan. The inspection process of the present study involved conducting a self-administered survey, which included questions on bad breath awareness, oral healthcare, living habits, and snack intake, on patients visiting for the dental hygiene course. Environmental change in accordance with oral healthcare behavior revealed change in plaque control at 26.33 for subjects who brushed for one minute, and 19.03 for subjects who brush for more than three minutes, indicating a statistically significant difference ( $P = 0.012$ ). Furthermore, subjects who used floss scored 25.62, while subjects that did not scored 19.80, indicating a statistically significant increase ( $P = 0.026$ ).

**Keywords:** Dental hygiene course, Environmental change, tooth brushing time.