

# **Perceived Effectiveness of Disruptive Technologies in Enhancing the Dissemination of Oral Health Information among the Undergraduate Students of a Selected University in Southwestern Nigeria**

By

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## **Abstract**

*The study investigated the effectiveness of the innovative technologies in the dissemination of Oral Health information among the undergraduates of Obafemi Awolowo University, Ile-ife, Nigeria. The population is made of all registered students of Obafemi Awolowo University (OAU) Ile-Ife, Osun State, Nigeria. Two hundred and twelve sample selected through stratified sampling technique formed the sample used for the study. The sample was also randomized into 85 females and 127 males. One research instrument used to collect data for the study was a check-list questionnaire design on five points Likert Scale measuring; different types of disruptive technology students are exposed to, perceived usefulness of such oral health information received and oral health risk awareness. The instrument was validated using content validity and the opinion of experts in Dentistry, Tests and Measurement and Educational Technology. The reliability was measured using Cronbach Alpha method. A reliability coefficient of 0.87 was obtained. The data collected was analyzed using SPSS version 16.0. The results showed that the sample exhibited low oral health information with respect to tooth decay and gum diseases (23%). It was also revealed that no gender variation occurred in the degree or nature of oral health information received by the students from the different Faculties. However, of the disruptive technologies Television shows seem to have the highest patronage of 49%. This was closely followed by individual information received from medical doctors (44%), dentists (24%) and health talks (22%). In addition it was revealed that the students rated oral health risks awareness high (74%). In conclusion, it can be said that oral health information was slightly low. While oral health risks awareness was above average and majorly through the disruptive technologies (52%).*

**Keywords:** *Dentistry, Oral Health, periodontal diseases, socio-drama, oral cancer, NAFDAC, oral health risk awareness and disruptive technologies*