Junior Dentist Initiation in Tegalkenongo Village, Tirtonirmolo, Kasihan, Bantul

Wustha Farani1,*, M. Shulchan Ardiansyah2, and Bella Pardian3
1Pediatric Dentistry Department, Faculty of Dentistry, Universitas Muhammadiyah Yogyakarta, Indonesia
2Orthodontic Department, Faculty of Dentistry, Universitas Muhammadiyah Yogyakarta, Indonesia
3Student Faculty of Dentistry, Universitas Muhammadiyah Yogyakarta, Indonesia

Abstract. Dental health is very important to maintain. If a person's dental health is not maintained properly, there will be many dental and oral health problems that will arise. Especially in childhood, attention must be paid to one's dental health because it will affect the growth and development of the children. The purpose of this service is to initiate the formation of junior dentists in the Tegalkenongo Village, Tirtonirmolo, Kasihan, Bantul, this initiation is an initial program that will later continue to be the formation of dental health cadres in the area. The target of this activity is children and adolescents in Tegalkenongo Village and the method of activity is counselling and will be assessed with pre and post-tests. The highest post-test results will be taken and trained to become a junior dentist in Tegalkenongo Village.

Keywords: dental health, junior dentist, children

1 Introduction

Dental and oral health is part of body health because it will affect the health of the whole body [1]. Dental and oral health cannot be separated from body health because dental health will affect body health. Dental and oral disease is a health problem that is quite concerning and needs attention [2]. In 2016, the World Health Organization (WHO) reported that 60-90% of school-age children worldwide have caries [3]. Based on Riskesdas or national basic health research data in 2018, the largest proportion of dental problems in Indonesia was teeth with cavities for 45.3%. Meanwhile the majority of oral health problems experienced by the Indonesian population was swollen gums or abscesses by 14%, as much as 57.6% of the Indonesian population had dental and oral problems during the last 12 months, but only 10.2% received treatment by dental medical personnel [4]. Another problem is that there is still a lack of public desire to visit the dentist for routine treatment, people tend to come when they have toothache. The low desire of the community is influenced by the lack of knowledge about dental health. Therefore, people need the right knowledge about dental health in order to have the right attitude and behavior in maintaining their dental health [5].

One of the efforts that can be made to improve people's dental and oral health behavior is through dental health cadres. Health cadres according to Permenkes or Regulation from the Ministry of Health No. 25 of 2014 are everyone who is selected by the community and trained to handle individual or community health problems and work in places related to the

* Corresponding author: wustha@umy.ac.id
delivery of health services in a very close relationship with the places of health service delivery [6].

2 Methodology

The method in this community service program was dental health counseling with pretest and post-tests. There where be dental and oral health counseling at the Taslim Mosque. Before the counseling participants were given a pre-test first. Participants were 40 students of the Taslim Mosque TPA, Tegalkenongo, Tirtomirmolo, Kasihan, Bantul, a total of 40 students. After the pre-test, dental and oral health counseling was carried out. After counseling, a post-test was carried out. The result Furthermore, the difference between before and after counseling would be analyzed. The highest post-test results will be taken and trained to become a junior dentist in Tegalkenongo Village.

3 Results and Discussion

The highest scores were obtained from the pretest and posttest. A group of 5 youngsters who achieved the best results were selected to receive further education on dental and oral health. Junior dentists play a significant role in enhancing the community's capabilities and promoting optimal health. Junior dentists involvement manifests through the utilization of both energy and matter. They contribute to community development in the health sector by engaging in various activities within Tegalkenongo Village.

In this service program, we intended to form a dental health cadre proposal of junior dentist in collaboration with the Taslim Mosque TPA (Taman Pendidikan Al Qur’an) or Al Qur’an Education Park. These junior dentists would later play a role in educating and promoting oral and dental health, especially among children. This little dentist has a big role in improving people's skills and helping themselves to achieve optimal health. The participation of junior dentists in the form of energy and material. Junior dentists also play a role in community development in the health sector through activities carried out in Tegalkenongo Village. The junior dentist formation program was expected to be a promotion of dental and oral health to prospective members in the future. Junior dentists could also act as conduits of dental and oral health information from local health care centers. With the formation of junior dentists, health services that have been carried out by health workers alone can be assisted by the community. Therefore, the community is not only an object of development, but also part of development itself. Furthermore, with the presence of a junior dentist, the messages conveyed can be perfectly received by the community, especially children. It is clear that the formation of cadres is the embodiment of development in the field of health [7]. Junior dentists can also help mobilize community resources, advocate for communities and build local capacity [8], [9], [10]

4 Conclusions

Children could play an important role in dental health early starting with the selection of a junior dentist. Through counseling we can increase knowledge of oral and dental health.

References


