

4. Pozzi A. Computer-guided versus free-hand placement of immediately loaded dental implants: 1-year post-loading results of a multicentre randomised controlled trial / A. Pozzi, M. Tallarico, M. Marchetti, B. Scarfò, M. Esposito // *Eur J Oral Implantol.* — 2014. - № 7(3). – P. 229-242.

5. Cassetta M. Accuracy of positioning of implants inserted using a mucosa-supported stereolithographic surgical guide in the edentulous maxilla and mandible / M. Cassetta, M. Giansanti, A. Di Mambro, L.V. Stefanelli // *Int J Oral Maxillofac Implants.* — 2014. - № 29(5). – P. 1071-1078.

6. Tahmaseb A. Computer technology applications in surgical implant dentistry: a systematic review / A. Tahmaseb, D. Wismeijer, W. Coucke, W. Derksen // *Int J Oral Maxillofac Implants.* — 2014. № 29. P. 25-42.

7. Mangano F. Intraoral scanners in dentistry: A review of the current literature / F. Mangano, A. Gandolfi, G. Luongo, S. Logozzo // *BMC Oral Health.* — 2017. - № 17. – P. 149.

8. Tallarico M. Accuracy of computer-assisted template-based implant placement using a conventional impression and scan model or digital impression: A preliminary report from a randomized controlled trial / M. Tallarico, E. Xhanari, F. Cocchi, L. Canullo, F. Schipani, S.M. Meloni // *J. Oral Sci. Rehabil.* — 2017. - №3. – P. 8-16.

9. Tallarico M. Computer-guided vs freehand placement of immediately loaded dental implants: 5-year post- loading results of a randomised controlled trial / M. Tallarico, M. Esposito, Xhanari E. , M. Caneva, S.M. Meloni // *Eur. J. Oral Implantol.* — 2018. - № 11. - P.203-213.

10. Sommacal B. Evaluation of Two 3D Printers for Guided Implant Surgery / B. Sommacal, M. Savic, A. Filippi, S. Kühl, F.M. Thieringer // *Int. J. Oral Maxillofac. Implants.* — 2018. - № 33. – P. 743-746.

УДК 316.452

**Dementieva K. D., Svetlakova E. N., Kotikova A. Yu., Sementsova E.A.,
Mandra J.V., Zholudev S.E., Legkih A.V.**

**PARTICIPATION OF UGMU DENTAL STUDENTS IN THE
FACULTY'S VOLUNTEER MOVEMENT**

Department of therapeutic dentistry and propaedeutics of dental diseases

Ural state medical University

Yekaterinburg, Russian Federation

E-mail: tinahodges124@gmail.com

Annotation. In 2017, the Happy Smile project was developed at the dental faculty of Ural State Medical University and its active implementation began, during which teachers and students conduct preventive measures in educational institutions,

shopping centers, and hospitals in the city. Studied the involvement of students in the implementation of this, and identified factors affecting the development of this activity.

Аннотация. В 2017 году на стоматологическом факультете УГМУ разработан проект «Счастливая улыбка» и началась его активная реализация, в ходе которой преподаватели и студенты проводят профилактические мероприятия в образовательных учреждениях, торгово-развлекательных центрах, больницах города. Изучена вовлеченности студентов в реализацию данного, и выявлены факторы, влияющие на развитие данной деятельности.

Key words: project implementation, volunteering, medical student, prevention.

Ключевые слова: реализация проекта, волонтерство, студент-медик, профилактика.

Introduction

The priority of the state policy in the field of health care is measures for the prevention of diseases, education of the population and promotion of a healthy lifestyle, participation of the population in solving issues related to the preservation and promotion of health [1, 4, 5]. Epidemiological surveys of Yekaterinburg schoolchildren in 2018– 2020 showed that the prevalence of caries in children aged 6, 12, 15 years was 83.2%, 67.5%, 87.3%, respectively, with an intensity of 4.25, 1.93, 3.60. These indicators determine the relevance and relevance of the prevention of dental diseases. The high prevalence of oral diseases is a socially significant problem [2, 3].

Purpose of research – to study the involvement of students of the Faculty of Dentistry in the implementation of the project "Happy Smile" and to identify the factors that affect the development of this activity.

Tasks: 1. Evaluate the involvement and interest of students of the Faculty of Dentistry in the implementation of the project. 2. Plan a further strategy for the development of preventive measures. 3. Determine the importance of volunteerism in the organization of the educational process at the faculty.

Research materials and methods

Students of the Faculty of Dentistry who participate in volunteer preventive measures within the framework of the project took part in the survey. The survey participants were students included in the project activities, regardless of their number.

The questionnaire was developed on the Google Forms platform and included questions of an open and closed nature. Respondents were asked about the frequency of participation in events; the purpose of participation and satisfaction with the level of organization of events. The data obtained were statistically processed using Microsoft Office Excel software.

The results of the study and their discussion

Since 2016, students and teachers of the Faculty of Dentistry of USMU have been holding volunteer events dedicated to the celebration of the International Oral Health Day (World oral health day), and since 2017, the project "Happy Smile" has been implemented. The project is aimed at improving the literacy of the settlement in the field of prevention of dental diseases and awareness of the rules of oral care,

improving the quality of life of the population by reducing the level of dental morbidity, and forming the supra-professional competencies of a modern graduate dentist. For four years, more than 200 students took part in the volunteer measurements of the Faculty of Dentistry.

A total of 55 respondents aged 18 to 24 with an equal agreement on half of the criteria were surveyed. All answers appear by students of the Faculty of Dentistry of 2-5 courses of USMU.

During the survey, it was found that in 2018, 35 volunteers were involved in the implementation of the project, and in 2020 already 49, which is 40% more than in the previous year. You can also see that not only the number of participants has increased, but also the frequency of participation in events. To the question "How many events did you participate in in 2019?" only 40% of respondents answered "2 or more times" (Figure 1). To the same question in 2019 - "2 or more times", 62% of respondents answered (Figure 2). This fact is evidence of the growing interest in this project and the increase in the number of preventive actions, lessons, performances, round tables, quests for the year.

The main motivation of students to participate in the project, according to the survey, is the awareness of the need to spread knowledge about the prevention of dental diseases among the population, exciting communication with children, participation in the volunteer movement.

How many events did you participate in in 2019?

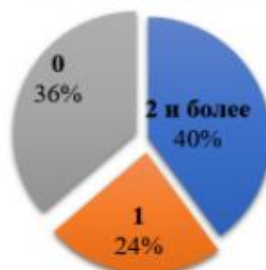


Fig. 1 - Diagnostics of the frequency of participation of volunteers in the events of the project "Happy Smile" in 2019

Among the respondents, 97% of the volunteers rate the level of activities as high. About 98% of students want to continue participating in the "Happy Smile" project.

How many events did you participate in in 2020?



Fig. 2- Diagnostics of the frequency of participation of volunteers in the events of the project "Happy Smile" in 2020

The arrangement of events in schools, kindergartens and orphanages is carried out through the management, educators and teachers. For two years of work from the organizations there was not a single refusal to hold the event. The staff of children's institutions is always friendly and responsive. After the event, the organizers collect feedback, recommendations and suggestions from the heads of institutions, on the basis of which adjustments are made in the content and scenario of the event.

For example, after preventive lessons in the 4th grades of school No. 176, the head teacher of primary classes received a request to conduct such lessons in all classes of primary school. And it has become a tradition to visit the students of this school every year.

Conclusions:

1. The high interest of students of the Faculty of Dentistry in carrying out preventive measures among children was revealed. During the year, the team of volunteers grew by 40%.

2. The significant interest of students in the project and the relevance of the prevention of dental diseases suggests the need to increase the number of events and extend the program to the nearby cities and districts of the Sverdlovsk region.

3. Participation in the project contributes to the formation of significant professional competencies of students (readiness to implement a set of measures aimed at preserving and strengthening the health of the population; ability and readiness to analyze socially significant problems and processes; ability and readiness for logical and reasoned analysis, for public speech; the ability and willingness to form the motivation of patients and their family members to preserve and strengthen their health and the health of others), which contributes to improving the quality of training of future dentists.

References:

1. Жегалина Н.М. Анализ эффективности применения зубной пасты с карловарской солью у пациентов с воспалительными заболеваниями пародонта / Н.М. Жегалина Е.Н. Светлакова, О.Ю. Береснева, П.А. Жолондзиовский, А.Д. Тимербулатов // Проблемы стоматологии. – 2016. – Т. 12. - №4. – С. 17 – 22.

2. Мандра Ю.В. Оценка распространенности заболеваний пародонта среди спортсменов Уральского региона / Ю.В. Мандра, В.В. Базарный, Е.Н. Светлакова, А.Ю. Котикова, Л.Г. Полушина // Уральский медицинский журнал. – 2018. - № 6 (161). – С. 24 – 26.

3. Насретдинова Н.Ю. Динамика стоматологических, биохимических и цитологических показателей здоровья у детей 6, 12, 15 лет г. Екатеринбурга/ Н.Ю. Насретдинова, Е.В. Мандра, Л.Г. Полушина, В.В. Базарный, Л.И. Ворожцова, Д.В. Сорокоумова, А.А. Епишова, Н.М. Жегалина, Ю.В. Мандра // Уральский медицинский журнал. – 2019. - №9 (177). – С. 33 – 36.

4. Патраков Э.В. Изучение рисков и ресурсов в здоровьесбережении среди студенческой молодежи Екатеринбурга / Э.В. Патраков, Е.Н. Светлакова, А.Ю. Котикова // Сборник IV всероссийской научно-практической конференции с

международным участием. Под редакцией Л.М. Железнова. — 2020. — С. 173 — 175.

5. Паспорт национального проекта "Здравоохранение" от 11.02.2019 г., Концепция демографической политики Российской Федерации на период до 2025 года.

УДК 616.31-083

Ivanova T.A., Yarunina I.B.

ORAL HYGIENE IN ORTHODONTIC STRUCTURES

Department of Therapeutic Dentistry and Propaedeutic of Dental Diseases

Department of Foreign languages

Ural state medical university

Yekaterinburg, Russian Federation

E-mail: deadnovelistnever@gmail.com

Annotation. Nowadays oral hygiene is one of the most common topics, but still few people know how to brush their teeth properly. The hygiene of the oral cavity during the treatment of the dentition with orthodontic structures is very important. The article contains the information about the bracket system or retention plates.

Аннотация. На сегодняшний день гигиена полости рта одна из заезженных тем, но до сих пор мало кто знает, как следует правильно чистить зубы. Очень большое значение имеет гигиена полости рта во время лечения зубного ряда ортодонтическими конструкциями брекет системой либо ретенционными пластинками. Статья содержит информацию о брекет-системе или удерживающих пластинках.

Key words: oral cavity, hygiene, teeth, braces, orthodontic plate.

Ключевые слова: полость рта, гигиена, зубы, брекет, ортодонтическая пластинка.

Introduction

Poor oral hygiene can lead to plaque and then tartar, and the worst outcome is tooth decay. Oral hygiene is not a complex manipulation, but with orthodontic structures, it is complicated and takes careful care. Nutrient can be stuck both between the teeth and in the structure itself. This matter studied since 1965, because braces become relevant and common, then this problem studied in earnest, because after bite, treatment not every patient was ready for extraction or treatment. Bring in these measures the welfare patient.

The goal of the research

Communicate the importance of oral hygiene when using orthodontic construction and observing oral hygiene.