



Tashkent State Dental Institute 2023



SDG 3. Good Health and Well-being



New Collaborations in 2023

- Immunology research institute
- Ayurvedic Research Institute of India
- University of Bologna, Italy
- Koc university hospital, Turkey
- Chinese corporation "China Meheco"
- University of Applied Sciences of Finland
- Smile Train charity organization

- Webster University, USA
- Temple University, USA
- Columbia University, USA
- Ankara Medipol University, Turkey
- Malaya University, Malaysia
- Institute for Advanced Research in Public Health, France
- Poldenta, Poland
- Belarusian State Medical University

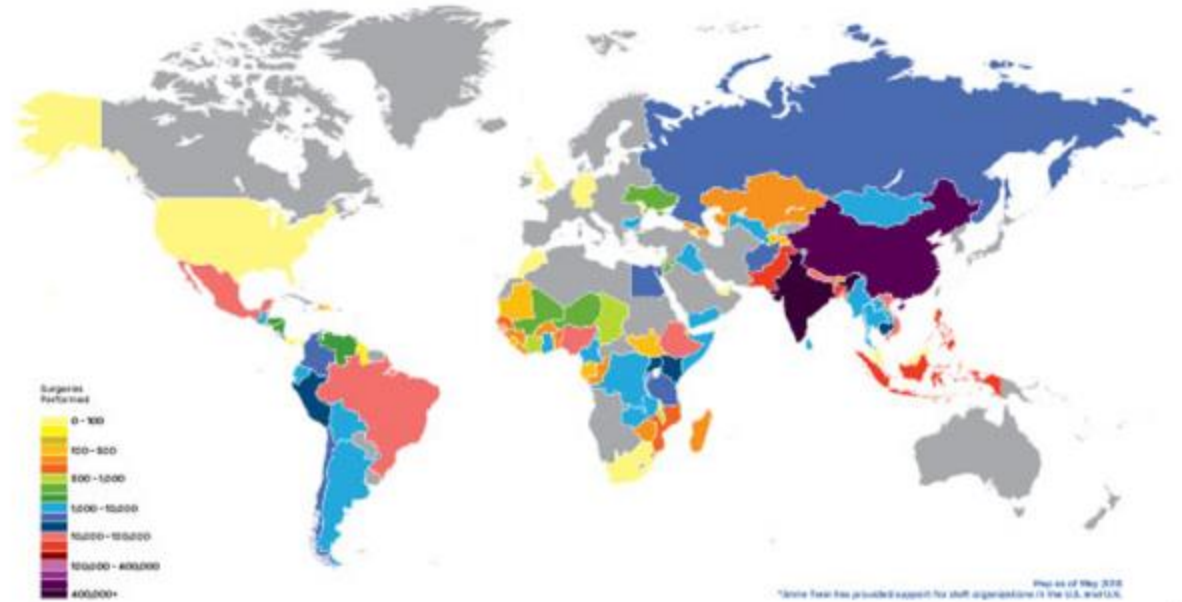


Smile Train charity

- Every year more than 200 cleft surgeries and rehabilitation on a free basis at the Department of Pediatric Maxillofacial Surgery of the clinic of Tashkent State Dental Institute



Since 1999, Smile Train has provided free cleft surgery for children in **85+ countries**.



Participance in International Forums

- April 13. International Forum "Transformation of the Healthcare System of Uzbekistan".
<https://www.tsd.uz/yangilik%5C204>
- April 14. Uzbekistan-India Health Forum.
<https://www.tsd.uz/yangilik%5C206>
- May 26-27. Uzbekistan-Germany Healthcare Forum. https://t.me/tdsi_uz_2019/7182
- June 3-4. Uzbekistan-Russia Health Forum.
https://t.me/tdsi_uz_2019/7253
- August 16-17. Uzbekistan-Turkey Healthcare Forum. <https://www.tsd.uz/yangilik%5C264>
- September 6-9. Uzbekistan-USA Healthcare Forum. https://t.me/tdsi_uz_2019/7688
- September 23-24. Innovation and Business in Healthcare 2023.
<https://www.tsd.uz/yangilik%5C276>
- November 27-30. Belarus-Uzbekistan Health Care and Medical Education Days.
<https://www.tsd.uz/yangilik%5C340>



Scientific conferences on public health

- February 10. International Conference "Innovations and prospects in maxillofacial surgery from the eyes of young scientists". <https://www.tsdj.uz/yangilik%5C193>
- March 28. International Scientific-Practical Conference "Integrative Philosophy and Medicine". https://t.me/tdsj_uz_2019/9644
- April 17. International Conference TSDI-RUDN "Modern concept of dental reality". <https://www.tsdj.uz/yangilik%5C208>
- April 28. International Conference TSDI-Cha University "Actual issues of minimal invasive surgery". <https://www.tsdj.uz/yangilik%5C213>
- May 12. IV Eurasian Maxillofacial Prosthetics Symposium. <https://www.tsdj.uz/yangilik%5C229>
- May 16. IV International Congress of Dentists "Actual issues of Dentistry and Maxillofacial Surgery". <https://nuz.uz/uz/zhamoat/1217870-toshkent-davlat-stomatologiya-institutida-vi-hal%D2%9Baro-stomatologlar-kongressi-b%D1%9Elib-%D1%9Etm%D2%9Bda.html>
- Total conferences – 32
- Webinars – 70



Science. Grants. Innovations for health

- **Grants and projects:**
 1. The heating device for composite restorative materials (PZ-462104532)
 2. Creating a national database of babies with facial-jaw pathology using 3D technologies (AL-421105549)
 3. Creating a geographical map of the spread of dental diseases in the Republic (FZ-2020073031)
 4. Bioactive dental implant with bioactive coating for the first time in Central Asia "Implant.uz" production
 5. Creation and production of standard transport and healing linkage in jaw fracture (206/14)



Active participation with innovations, devices in InnoWeek



Evidence: <https://www.tsd.uz/yangilik%5C300>
<https://ilmiy.tsd.uz/grant%20va%20tanlovlar/Mavjud%20grantlar>
<https://www.tsd.uz/yangilik%5C211>

Health programs and projects in the local community

- from Yashnabad district attached to Tashkent State Dental Institute 10 mahallas, 5 Public Schools, 32 public schools from the Chilanzar district regularly have medical examinations aimed at improving health and well-being, round-trips on hygiene, nutrition, family planning among residents and young people
- Regular visits to orphanages, invalids, people with disabilities
- “Healthy Smile” training program with Colgate and SPLAT in schools



Preventive action in schools

FOR LIFE WITH A BRIGHT SMILE

291	5018	> 280.000	> 200.000	> 50.000
Schools	Classes	Children of Tashkent city	Children of Tashkent region	Children of Fergana region



COLGATE-PALMOLIVE



Health for students and staff

- Regular lectures and trainings on health lifestyle
- Sport competitions
- Free use of sport equipment
- Regular clinical examination
- Vouchers to recreation centers (partial or full refund), to cultural events, events for kids, exhibitions etc.
- Medical care (polyclinics, vaccination, medical examination)



Evidence: <https://www.tsd.uz/yangilik%5C279> <https://www.tsd.uz/yangilik%5C268> https://t.me/tdsi_uz_2019/8639

Sport for everybody

- Addressed programs on the work carried out to improve the quality and efficiency of education in general secondary schools in Chilanzar district
- “Cup of the Minister” football competition
- “Cup of the Rector” competitions
https://t.me/tdsi_uz_2019/6882
<https://www.tsd.uz/yangilik%5C224>
- Sports equipment of TSDI is regularly used by mahalla Besharik and school #399 (Yashnabad district) on a free basis



Mental health

- Regular lectures and trainings on health lifestyle and mental health
- The activity of psychologist
- Vouchers to recreation centers (partial or full refund), to cultural events, events for kids, exhibitions etc.
- Medical care (polyclinics, vaccination, medical examination)
- October 13. seminar on "Student's socio-psychological portrait".
<https://www.tsd.uz/yangilik%5C290>
- October 16. "Day of psychological and legal counseling among women and girls"
<https://www.tsd.uz/yangilik%5C299>



The most cited research on SDG-3 2019-2023

- Budi, H.S., Catalan Opuencia, M.J., Afra, A., Abdelbasset, W.K., Abdullaev, D., Majdi, A., Taherian, M., Mohammadi, M.J. **Source, toxicity and carcinogenic health risk assessment of heavy metals** (2022), *Reviews on Environmental Health* 33
- Huldani H, Rashid AI, Turaev KN, Opuencia MJC, Abdelbasset WK, Bokov DO, et al. **Concanavalin A as a promising lectinbased anti-cancer agent: the molecular mechanisms and therapeutic potential.** *Cell Commun Signal.* 2022;20:167 29
- A.H. Amin, L.M.Al Sharifi, A.J. Kakhharov, M.J.C. Opuencia, F. Alsaikhan, D. O. Bokov, H.S. Majdi, M.A. Jawad, A.T. Hammid, M.N. Shalaby, Y.F. Mustafa, H. Siahmansouri, **Role of Acute Myeloid Leukemia (AML)-Derived exosomes in tumor progression and survival**, *Biomed. Pharmacol.* 150 (2022), 113009 21
- Singh, M., Kadhim, M. M., Turki Jalil, A., Oudah, S. K., Aminov, Z., Alsaikhan, F., Jawhar, Z. H., Ramírez-Coronel, A. A., & Farhood, B. (2023). **A systematic review of the protective effects of silymarin/silibinin against doxorubicin-induced cardiotoxicity.** *Cancer cell international*, 23(1), 88. 19
- Saleh, E. A. M., Al-Dolaimy, F., Qasim Almajidi, Y., Baymakov, S., Kader M, M. A., Ullah, M. I., Abbas, A. H. R., Khlewee, I. H., Bisht, Y. S., & Alsaalamy, A. H. (2023). **Oxidative stress affects the beginning of the growth of cancer cells through a variety of routes.** *Pathology, research and practice*, 249, 154664. 12
- Gupta, J., Tayyib, N. A., Jalil, A. T., Hlail, S. H., Zabibah, R. S., Vokhidov, U. N., Alsaikhan, F., Ramaiah, P., Chinnasamy, L., & Kadhim, M. M. (2023). **Angiogenesis and prostate cancer: MicroRNAs comes into view.** *Pathology, research and practice*, 248, 154591. 7
- Gupta, J., Kareem Al-Hetty, H. R. A., Aswood, M. S., Turki Jalil, A., Azeez, M. D., Aminov, Z., Alsaikhan, F., Ramírez-Coronel, A. A., Ramaiah, P., & Farhood, B. (2023). **The key role of microRNA-766 in the cancer development.** *Frontiers in oncology*, 13, 1173827. 6

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- Naumova, V. N., Makedonova, Y. A., Mikhalchenko, D. V., Shomurodov, K. E., & Maslak, E. E. (2020). **The outcomes of the dental patients' screening for diabetes mellitus.** *Journal of international Dental and Medical research*, 13(3), 1071-1080 5
- Gupta, J., Abdulsahib, W. K., Turki Jalil, A., Saadi Kareem, D., Aminov, Z., Alsaikhan, F., Ramírez-Coronel, A. A., Ramaiah, P., & Farhood, B. (2023). **Prostate cancer and microRNAs: New insights into apoptosis.** *Pathology, research and practice*, 245, 154436. 5