



# Tashkent State Dental Institute 2022



## SDG 3. Good Health and Well-being



## Collaborations in 2022

- Istinye University of Turkey
- Istanbul Medipol University
- HM Hospitals Medical Organization of Spain
- Bundang Medical Center of Cha University
- Semmelweis University, Hungary
- University of Portsmouth, UK
- Smile Train charity organization



CHA Bundang Medical Center,  
CHA University



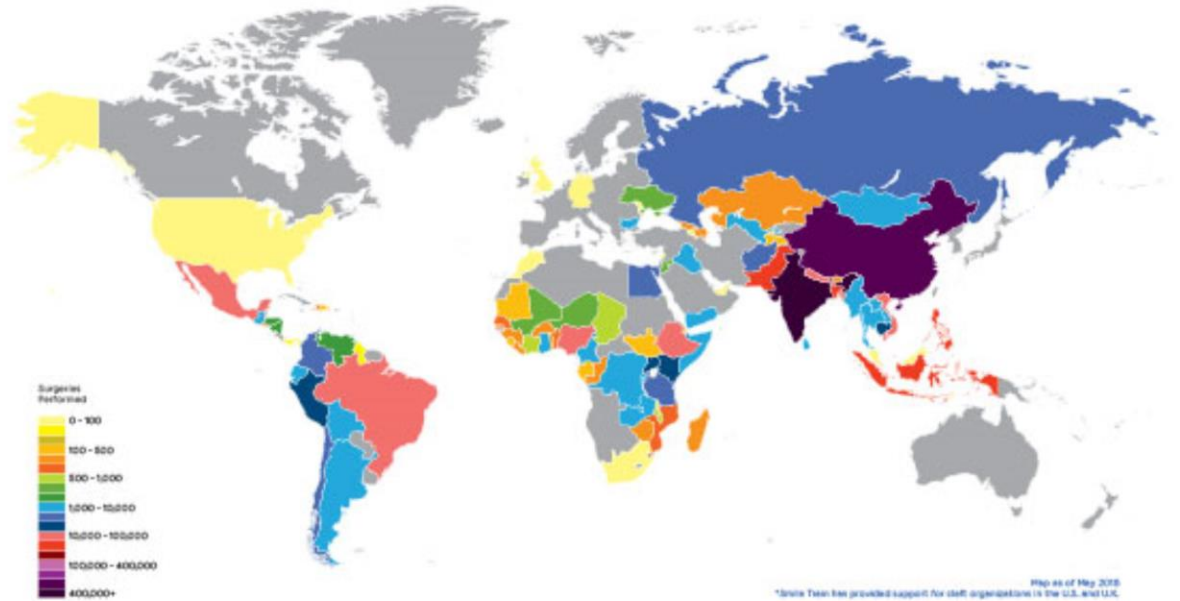
Evidence: <https://www.tsdi.uz/yangilik%5C56>, <https://tsdi.uz/yangilik%5C110>,  
<https://tsdi.uz/yangilik%5C130>

# Smile Train charity

- 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



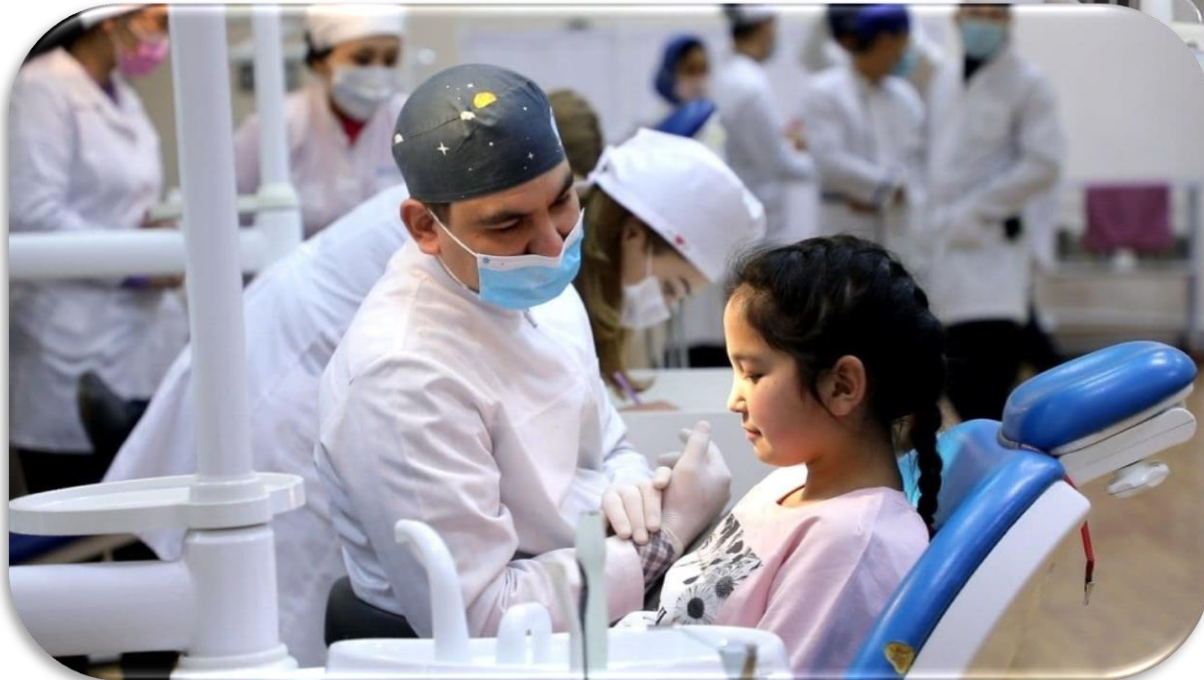
Since 1999, Smile Train has provided free cleft surgery for children in **85+ countries**.





# Charity

- Regular free dental examination and treatment for orphans and low-income families





# Scientific conferences on public health

- 2022, April 7. International Scientific-Practical Conference dedicated to the International Health Day on "Modern achievements and prospects for the protection of public health"
- 2022, June 3-4. 5<sup>th</sup> International Congress "Actual issues of dentistry and maxillofacial surgery"
- 2022, September 19-23, the Week of Dentistry was held in cooperation with the Ministry of Higher Education and Innovations, Ministry of Healthcare and TSDI
- Total conferences – 30
- Webinars – 68

Evidence: <https://tsdi.uz/yangilik%5C77>,  
<https://tsdi.uz/yangilik%5C134>





# 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

# 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
- “Healthy Smile” training program with Colgate 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://t.me/tdsi\\_uz\\_2019/5533](https://t.me/tdsi_uz_2019/5533), [https://t.me/tdsi\\_uz\\_2019/5528](https://t.me/tdsi_uz_2019/5528), [https://t.me/tdsi\\_uz\\_2019/5509](https://t.me/tdsi_uz_2019/5509), [https://t.me/tdsi\\_uz\\_2019/5191](https://t.me/tdsi_uz_2019/5191), [https://t.me/tdsi\\_uz\\_2019/3582](https://t.me/tdsi_uz_2019/3582)



# 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
- 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)



Evidence: [https://t.me/tdsi\\_uz\\_2019/5144](https://t.me/tdsi_uz_2019/5144), [https://t.me/tdsi\\_uz\\_2019/4453](https://t.me/tdsi_uz_2019/4453), <https://www.tsdi.uz/sahifalar%5Cpsixolog-faoliyati>,  
<https://www.tsdi.uz/yangilik%5C149>, <https://www.tsdi.uz/yangilik%5C53>, [https://t.me/tdsi\\_uz\\_2019/3394](https://t.me/tdsi_uz_2019/3394), [https://t.me/tdsi\\_uz\\_2019/3305](https://t.me/tdsi_uz_2019/3305)



# Sport achievements

A student of TSDI took 3rd place at the World Combat Jiu-Jitsu Championship (Barcelona, Spain)

A student of the TSDI took the 3rd place on the “YANGI NAFAS” sports running competition



Evidence: <https://tsdi.uz/yangilik%5C150>, <https://tsdi.uz/yangilik%5C102>



## The most cited research on SDG-3 2018-2022

- Khudanov, B.; Jung, H.I.; Kahharova, D.; Lee, J.-W.; Hamidov, I.; Lee, E.-S.; Kim, B.-I. **Effect of an oral health education program based on the use of quantitative light-induced fluorescence technology in Uzbekistan adolescents.** Photodiagn. Photodyn. Ther. 2018, 21, 379–384 12
- A.H. Amin, L.M.Al Sharifi, A.J. Kakhharov, M.J.C. Opulencia, 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 11
- Huldani H, Rashid Al, Turaev KN, Opulencia 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 9
- 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
- Budi, H.S., Catalan Opulencia, 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* 4