

Guest Editorial

Oral Health as a Refugee Health Right

The global forced displacement crisis has reached unprecedented levels, with millions of individuals being uprooted from their homes due to various factors such as persecution, armed conflict, and natural disasters.¹ Amongst these displaced populations, refugees represent a particularly vulnerable and marginalised group, often facing significant barriers in accessing health care, including oral health services. The delivery of health interventions in conflict settings is often hindered by numerous challenges, including limited resources, population displacement, and a shortage of skilled health care professionals.² Here, we highlight the urgent need to prioritise and promote oral health for refugees, especially refugee women and children, and call upon policymakers, health care providers, and related organisations to integrate oral health into existing and future primary health care systems for refugees.

Refugees' fundamental right to health and health care, including oral health, is affirmed by international conventions and treaties.³ Oral health is a crucial component of overall health and well-being, yet oral health is often neglected in the primary health packet for refugee populations. Refugees are entitled to access health care, including oral health, by the International Covenant on Economic, Social and Cultural Rights and the 1951 Refugee Convention and its 1967 Protocol. However, studies have consistently shown that refugees experience higher rates of oral diseases and encounter difficulties in accessing oral health services compared to the most underprivileged populations in host countries.^{4–8} Dental caries, periodontal diseases, oral soft tissue lesions, and traumatic dental injuries are prevalent issues amongst refugees, but refugees may seek oral health care only when they experience pain as they face multiple barriers to access timely and affordable oral health care, including language and cultural barriers, financial constraints, trust issues, and provider availability.^{4–6}

Amongst all refugee populations, promoting oral health amongst refugee mothers and children is of paramount importance. It is known that over one-half of the refugee population are younger than 18 years, while there is mounting evidence that maternal oral health status, knowledge, attitudes, behaviour, and socioeconomic status significantly influence the oral health of children, particularly in terms of childhood caries.^{1,9,10} Refugee mothers' oral health literacy has been shown to be associated with oral health outcomes in their children, and misconceptions regarding the importance of oral health care during pregnancy are common.^{10,11} Another study also demonstrated a relationship between poor oral health literacy of the refugee mother and the oral health outcomes identified in their children.¹¹ Perceptions of the importance of dental care during pregnancy were examined in a qualitative Australian study with Afghan and Sri Lankan refugees.¹¹ This study found incorrect perceptions of dental

care during pregnancy amongst refugee women and men and a link between maternal oral health and infant oral health amongst refugees as well as midwives. It is also important to highlight that refugee women reported difficulty in navigating dental services.

Arguably, it is incorrect to lay all the responsibilities on mothers to secure the oral health of children. Establishing a system of care that emphasises proactive oral health attitudes, optimal oral hygiene practices, and healthy diets from an early stage of life is essential for children's oral health.¹⁰ Governments, international organisations, and health care providers who serve refugee mothers and women of child-bearing age should consider integrating oral health into existing and future primary care systems so that such systems can empower women to secure and promote oral health for their families and communities. Recently, the World Federation of Public Health Association launched its Global Maternal and Child Oral Health Initiative along with 37 international and national organisations to highlight the need to empower women in promoting oral health for their families and communities by integrating oral health into primary and antenatal care systems.¹⁰

The World Health Organization's Global Oral Health Action Plan and Global Oral Health Status Report clearly outlines the needs of essential oral health interventions as an integral component of primary health care and universal health coverage.^{12,13}

The FDI World Dental Federation has been at the forefront of promoting oral health amongst refugees, acknowledging the unique challenges they face in accessing dental care. Through its Refugee Oral Health Project,¹⁴ the FDI has developed advocacy guides, collaborated with national dental associations and international coalitions, and engaged dental students, reinforcing their pioneering role in refugee oral health promotion. By providing comprehensive advocacy tools to its member states, the FDI empowers them to advocate for improved oral health services for refugees. The Refugee Oral Health advocacy guide,³ based on a meticulous need assessment conducted across 89 countries, addresses the gaps in policies and activities related to refugees' oral health within FDI member countries.¹⁵ Additionally, the FDI has extensively collaborated with charities and dental associations, amplifying their impact on the ground, and has forged partnerships with international organisations, including the Lancet Coalition for Migration, to raise awareness and garner attention for the critical issue of refugee oral health.¹⁶ By targeting senior dental students worldwide with raising awareness activities, the FDI aimed to cultivate a future generation of oral health care professionals who are aware of the unique needs of refugees, ensuring the long-term sustainability of their efforts.

In a recent policy brief¹⁷ released by the FDI, World Federation of Public Health Associations, the Sustainable Health

Equity Movement, and the Framework Convention on Global Health Alliance, the 4 organisations demonstrated a firm belief that access to oral health care is a basic refugee health right and that oral health should be integrated into overall health and well-being for all, including refugees.

This policy brief urged policymakers, health care providers, and international and national organisations to take serious steps to (1) include oral health as a part of current and future refugee health strategies and priorities, including pregnant women, mothers, and young children; (2) promote the importance of oral health and rights of refugee amongst both health care and non-health care staff who encounter refugees to raise awareness of refugees right to health including oral health; and (3) ensure equitable access to essential oral health services for refugees as an integral component of primary and antenatal care and as a matter of their rights in partnerships with national and local dental and health organisations.

Oral health is an integral part of overall health and well-being, and promoting oral health for refugees is a critical endeavour that requires concerted efforts from various stakeholders. Promoting oral health for refugees is not only a matter of health equity and human rights but also a crucial step toward achieving the core principle of the Sustainable Development Goals: “leave no one behind.”

Declaration of Competing Interests

None disclosed.

Acknowledgement

We would like to express our sincere gratitude to the members of World Dental Federation FDI, the World Federation of Public Health Associations, the Sustainable Health Equity Movement, and the Framework Convention on Global Health Alliance for their invaluable contributions to the development of the policy on refugee oral health rights. We are deeply appreciative of their efforts.

REFERENCES

1. UNHCR. Figures at a glance. 2020. Available from: <https://www.unhcr.org/figures-at-a-glance.html>. Accessed June 5, 2023.
2. Munyuzangabo M, Gaffey MF, Khalifa DS, et al. Delivering maternal and neonatal health interventions in conflict settings: a systematic review. *BMJ Glob Health* 2021;5(Suppl 1):e003750. doi: [10.1136/bmjgh-2020-003750](https://doi.org/10.1136/bmjgh-2020-003750).
3. FDI. Promoting oral health for refugees: an advocacy guide. Geneva, Switzerland. Available from: <https://www.fdiworld-dental.org/promoting-oral-health-refugees-advocacy-guide>. Accessed June 5, 2023.
4. Keboa MT, Hiles N, Macdonald ME. The oral health of refugees and asylum seekers: a scoping review. *Global Health* 2016;12(1):59–70.
5. Singh HK, Scott TE, Henshaw MM. Oral health status of refugee torture survivors seeking care in the United States. *Am J Public Health* 2008;98(12):2181–2.

6. Cote S, Geltman P, Nunn M, Lituri K, Henshaw M, Garcia IR. Dental caries of refugee children compared with US children. *Pediatrics* 2004;114(6):e733–40 doi. doi: [10.1542/peds.2004-0496](https://doi.org/10.1542/peds.2004-0496).
7. Davidson NJ, Skull S, Calache H, Murray SS, Chalmers J. Holes a plenty: oral health status a major issue for newly arrived refugees in Australia. *Aust Dent J* 2006;51(4):306–11 doi. doi: [10.1111/j.1834-7819.2006.tb00448.x](https://doi.org/10.1111/j.1834-7819.2006.tb00448.x).
8. Nair RG, Samaranayake LP, Philipsen HP, Graham RG, Itthagarun A. Prevalence of oral lesions in a selected Vietnamese population. *Int Dent J* 1996;46(1):48–51 PMID:8744917.
9. American College of Obstetricians and Gynecologist. Committee Opinion No. 569: oral health care during pregnancy and through the lifespan. *Obstet Gynecol* 2013;122(2 Pt 1):417–22.
10. WFPFA. policy statement: oral health is an integral part of maternal and child health. Geneva: Switzerland.; 2023.
11. Riggs E, Yelland J, Shankumar R. We are all scared for the baby”: promoting access to dental services for refugee background women during pregnancy. *BMC Pregnancy Childbirth* 2016;16(12):1–11.
12. WHO. Global oral health action plan draft. Geneva, Switzerland; 2022. Available from: [https://www.who.int/publications/m/item/draft-global-oral-health-action-plan-\(2023-2030\)](https://www.who.int/publications/m/item/draft-global-oral-health-action-plan-(2023-2030)). Accessed June 7, 2023.
13. WHO. Global oral health status report. Geneva, Switzerland; 2022. Available from: <https://www.who.int/team/noncommunicable-diseases/global-status-report-on-oral-health-2022>. Accessed June 7, 2023.
14. FDI. Refugee oral health promotion and care project. 2021. Available from: <https://www.fdiworld-dental.org/refugee-oral-health-promotion-and-care-project>. Accessed June 8, 2023.
15. Kateeb E, Sintes M, Taylor S. Refugee oral health: a global survey of current policies and practices. *J Immigr Minor Health* 2022;24(4):1081–6 Erratum in: *J Immigr Minor Health* 2021; PMID: 34697703. doi: [10.1007/s10903-021-01285-6](https://doi.org/10.1007/s10903-021-01285-6).
16. Joint Policy Brief Lancet Migration and the FDI World Dental Federation Oral Health for People on the Move. 2022. Available from: <https://www.fdiworld-dental.org/oral-health-people-move>. Accessed June 8, 2023.
17. Promoting oral health for refugees: A Joint Policy Brief by World Dental Federation, World Federation of Public Health Associations, Sustainable Health Equity Movement and Framework Convention on Global Health Alliance, June 2023. Available from: <https://fdiworld-dental.org/promoting-oral-health-refugees>. Accessed June 24, 2023.

Elham Kateeb*

Hyewon Lee

Oral Health Research and Promotion Unit, Al-Quds University,
Jerusalem, Palestine, Israel

FDI International Dental Federation Public Health Committee,
Geneva, Switzerland

Seoul National University Dental Research Institute & School of
Dentistry, Seoul, South Korea

World Federation of Public Health Associations Oral Health
Workgroup, Geneva, Switzerland

*Corresponding author.

E-mail address: elhame20@gmail.com (E. Kateeb).

0020-6539/© 2023 The Authors. Published by Elsevier Inc. on behalf of FDI World Dental Federation. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>) <https://doi.org/10.1016/j.identj.2023.06.013>

¹ Both authors are co-first authors and contributed equally.