

Afghan women and children's health: Three main challenges under Taliban and COVID-19



Cecilia Acuti Martellucci¹, Shohra Qaderi², Tetsuya Tanimoto³, Akihiko Ozaki^{3,4}

¹Department of Medical Sciences, University of Ferrara, Ferrara, Italy

²Student Research Committee, School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran

³Medical Governance Research Institute, Tokyo, Japan

⁴Department of Breast Surgery, Jyoban Hospital of Tokiwa Foundation, Fukushima, Japan

In August 2021 the Taliban took over Afghanistan, as the country was battling the third wave of COVID-19, with 155 132 confirmed cases and 7128 deaths (September 25, 2021) [1]. Despite significant progress in the health care system over the last 17 years under the Islamic Republic of Afghanistan, largely attributable to the cooperation with international organizations, Afghanistan still has one of the weakest health systems in the world. Notably, the COVID-19 pandemic has exacerbated poverty and inequality, and the Taliban have added massive pressure to already overwhelmed social and health systems, resulting in a humanitarian and health crisis [2].

In Afghanistan, the wellbeing of women and children is threatened by the combination of the fundamentalist interpretation of women's rights by the reinstated Taliban government and of the insecurity exacerbated by the COVID pandemic emergency.

On August 24, the World Bank has suspended payments to Afghanistan, and it is feared that the most serious consequences of the lack of funds will primarily and most rapidly affect the well-being of women and children. Indeed, if economic hardship adds to the present crisis, and if adequate humanitarian assistance is not rapidly organized, Afghanistan risks reversing the achievements in child and maternal health obtained over the last decades [3]. The major source of concern is that the Taliban adhere to a fundamentalist interpretation of the Islamic inheritance (Islam Sharia), which severely restricts women's freedom of movement, access to health care, education, and employment. In this context, the most compelling challenges for protecting the well-being of women and children are arguably 3-fold.

ACCESS TO MEDICAL CARE

The first one is represented by the likely decline in access to medical care, driven mainly by two factors. On one hand, Afghanistan depends heavily on imports, including medical equipment and supplies. [4]. These have been interrupted, due to the border closures and the upheaval at Kabul airport, and as a result, as one example, children with hemophilia and thalassemia are in urgent need for life-saving imported coagulation factors and transfusions [4]. On the other hand, the double threat of the Taliban and the pandemic is a pressing con-



Photo: Doctor providing care to internally displaced people in a camp (from Shohra Qaderi's own collection, used with permission).

cern for women, whose health outcomes were seen to deteriorate more than men both during Taliban rule and the COVID-19 pandemic, mainly because of upstream social determinants of health such as systemic inequities in the access to education, work, and therefore the opportunity to earn an independent livelihood [3]. Indeed, while both male and female patients can seek health services, females are particularly fearful of leaving their homes, except for life-threatening conditions. This practice, spurred mainly by the religious heritage, is inevitably magnified by the reinstatement of Sharia law, whose byproducts include an appeal for separate hospital treatment for men and women. Clearly, the implementation of similar measures would increase the risk of home delivery with no prenatal or natal care, resulting in higher maternal and neonatal mortality rates, the latter being driven, among other conditions, by a dramatic increase in neonatal Tetanus [5].

INTERNALLY DISPLACED PERSONS

The second challenge is managing the displacement of Afghan people, which is likely to exacerbate both conflict and disease outbreaks. Externally displaced refugees are rapidly increasing: while over 100 000 Afghans have been evacuated by plane in the two weeks after the Taliban seized Kabul, many more are currently seeking to leave the country, also through land borders [6]. Both neighboring and further countries, however, are accepting limited numbers of asylum seekers, often with the condition of repatriation [6]. Further, the victims of the August 26 terrorist attacks at Kabul airport are a clear reminder of these groups' vulnerability amidst crisis, and of the urgent need to reinstate security. However, the main emergency is represented by internally displaced people, which increased by 558 123 individuals just in 2021, reaching a total of almost four million

[7]. Such numbers can rapidly exacerbate the existing shortages of adequate shelter, food supplies, personal protective equipment, and treating capacity of the host provinces, and also insecurity, especially for the poor [7].

Again, access to health care is one of the main issues for displaced people, and women and children usually suffer the most serious consequences, even more so since women generally follow the Afghan culture of not seeking health services from a male practitioner, further delaying diagnoses and life-saving treatment.

In fact, internally displaced women and children are especially threatened in the areas of violence, mental health, reproductive health (such as pregnancy due to sexual violence), nutrition, sanitation, and infectious diseases [8]. COVID-19, in particular, is spreading quickly amongst refugees and large outbreaks of the disease are expected to occur. Similar to women, the permanence of children in displacement camps has been associated with high rates of diarrhea, scabies, and lice, as well as malnutrition, domestic violence, and psychological trauma [9,10]. In addition, mortality rates were found to be higher among displaced women than in refugees, and a tangible fear is that the lack of reproductive health services, including family planning and treatment of sexually transmitted diseases, may cause the largest part of morbidity and mortality in these women [11,12].

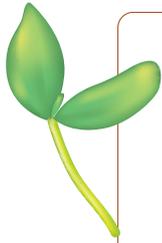
International actors and aid agencies should ensure that women maintain equal rights to accessing medical care, and, to the same end, that the provision of life-saving supplies is maintained.

IMMUNIZATION

Finally, the third challenge is immunization, the campaigns for which are currently on the brink of complete cessation [13]. The resurgence of vaccine-preventable diseases is likely to become possible, and the situation is especially precarious because Afghanistan and Pakistan are well known as the only remaining polio-endemic countries. While immunization efforts have already been hit badly by the COVID-19 pandemic, many routine appointments including childhood and adulthood vaccinations, including poliomyelitis and COVID-19 itself, were halted due to violence soars and staff cuts to these services. As poliovirus circulation remains high in the inaccessible southern and eastern regions, the current insecurity threatens to spread the infection to provinces that have remained polio-free for a long time, complicating the achievement of global polio eradication.

CONCLUSIONS

When considering the Taliban resurgence, we should be mindful that the three listed challenges all entail clear immediate threats to health, but also equally clear long-term increases in morbidity and mortality driven by (1) untreated chronic diseases in the case of the insufficient access to health care, (2) reproductive and mental health issues and malnutrition in the case of the traumatic living conditions of internally displaced people, and (3) recurrent outbreaks of vaccine-preventable diseases and important activity backlogs in the case of the faltering immunization coverages. Such extreme consequences must be avoided, therefore every effort should be made by international actors to reinstate and maintain the sustainable provision of humanitarian and health care aid to Afghan people within this exceptional crisis, prioritizing the security, and physical and mental health of women and children. This will require not only distributing accountable aid funding, but also mediating with the Taliban for the respect of the human rights of women and children.



Funding: None.

Authorship contributions: SQ, AO and CM conceived the overall concept and wrote the first draft of the manuscript. TT revised than manuscript and prepared the final version.

Competing of interests: Akihiko Ozaki receives personal fees from MNES Inc., and Tetsuya Tanimoto receives personal fees from MNES Inc. and Bionics Co. Ltd, outside the submitted work. The authors completed the ICMJE Declaration of Interest Form (available upon request from the corresponding author), and declare no other competing interests.

REFERENCES

- 1 Aljazeera News, Afghan President Ghani Flees Country as Taliban Enters Kabul. 15 August 2021. Available: <https://www.aljazeera.com/news/2021/8/15/afghan-president-ghani-flees-country-as-taliban-surrounds-kabul>. Accessed: 28 August 2021.
- 2 Lucero-Priso DE III, Essar MY, Ahmadi A, Lin X, Adebisi YA. Conflict and COVID-19: a double burden for Afghanistan's healthcare system. *Confl Health*. 2020;14:65. [Medline:32973920](#) [doi:10.1186/s13031-020-00312-x](#)
- 3 Devi S. Access to health care under threat in Afghanistan. *Lancet*. 2020;395:1962. [Medline:32593330](#) [doi:10.1016/S0140-6736\(20\)31447-1](#)
- 4 United Nations. Afghanistan: Negotiations to bring in urgent medical supplies ongoing, says WHO. 2021. Available: <https://news.un.org/en/story/2021/08/1098352>. Accessed: 27 August 2021.
- 5 Qaderi S, Qaderi F, Tarki FE, Shah J, Afaghi S, Delsoz M, et al. Generalized, non-neonatal tetanus is a highly fatal disease in Afghanistan: A case series study. *Int J Infect Dis*. 2021;103:568-72. [Medline:33340666](#) [doi:10.1016/j.ijid.2020.12.019](#)
- 6 The Visual Journalism Team. Afghanistan: How many refugees are there and where will they go? BBC News. 2021. <https://www.bbc.com/news/world-asia-58283177>. Accessed: 3 September 2021.
- 7 OCHA. Global humanitarian overview 2021, Afghanistan - Internal displacement due to conflict. 2021. Available: <https://www.humanitarianresponse.info/en/operations/afghanistan/idps>. Accessed: 28 August 2021.
- 8 Amodu OC, Richter MS, Salami BO. A Scoping Review of the Health of Conflict-Induced Internally Displaced Women in Africa. *Int J Environ Res Public Health*. 2020;17:1280. [Medline:32079235](#) [doi:10.3390/ijerph17041280](#)
- 9 Lafta R, Afloouk NA, Dhiaa S, Lyles E, Burnham G. Needs of Internally Displaced Women and Children in Baghdad, Karbala, and Kirkuk, Iraq. *PLoS Curr*. 2016;8: ecurrents.dis.fefc1fc62c02ecaedec2c25910442828. [Medline:28966867](#)
- 10 Vernier L, Cramond V, Hoetjes M, Lenglet A, Hoare T, Malaeb R, et al. High levels of mortality, exposure to violence and psychological distress experienced by the internally displaced population of Ein Issa camp prior to and during their displacement in Northeast Syria, November 2017. *Confl Health*. 2019;13:33. [Medline:31338121](#) [doi:10.1186/s13031-019-0216-y](#)
- 11 Heudtlass P, Speybroeck N, Guha-Sapir D. Excess mortality in refugees, internally displaced persons and resident populations in complex humanitarian emergencies (1998–2012) – insights from operational data. *Confl Health*. 2016;10:15. [Medline:27441038](#) [doi:10.1186/s13031-016-0082-9](#)
- 12 Bartlett LA, Mawji S, Whitehead S, Crouse C, Dalil S, Ionete D, et al. Where giving birth is a forecast of death: maternal mortality in four districts of Afghanistan, 1999–2002. *Lancet*. 2005;365:864–70. [Medline:15752530](#) [doi:10.1016/S0140-6736\(05\)71044-8](#)
- 13 Roberts L. Taliban's rise puts polio eradication in danger. *Science*. 2021;373:605–6. [Medline:34353929](#) [doi:10.1126/science.373.6555.605](#)

Correspondence to:

Shohra Qaderi MD, MPH
 Student Research Committee
 School of Medicine
 Shahid Beheshti University of Medical Sciences
 Tehran
 Iran
shohra_qaderi@yahoo.com