Disaster Medicine and Public Health Preparedness

www.cambridge.org/dmp

Letter to the Editor

Cite this article: Bone M, Purohit M, Sial M, Pankhania K, Alkhayyat A. The silent pandemic: why COVID-19-Induced loneliness is no laughing matter. *Disaster Med Public Health Prep*. doi: https://doi.org/10.1017/dmp.2021.14.

Keywords:

government; health policy; pandemics; policy making; quarantine

Corresponding author:

Matan Bone.

Email: matan.bone@student.manchester.ac.uk.

© Society for Disaster Medicine and Public Health, Inc. 2021. This is an Open Access article, distributed under the terms of the Creative Commons Attribution licence (http://creativecommons.org/licenses/by/4.0/), which permits unrestricted re-use, distribution, and reproduction in any medium, provided the original work is properly cited.



The Silent Pandemic: Why COVID-19-Induced Loneliness Is No Laughing Matter

Matan Bone MB ChB (Student), Manavi Purohit BSc, MB ChB (Student), Moska Sial MB ChB (Student), Kishan Pankhania BSc (Hons), MB ChB (Student) and Abdulaziz Alkhayyat MB ChB (Student)

Faculty of Biology, Medicine and Health, The University of Manchester, Manchester, United Kingdom

The 2019 coronavirus disease (COVID-19) pandemic is wreaking havoc across societies. The actions taken by countries to contain the disease have resulted in population-wide social and psychological challenges. The elderly is arguably the most vulnerable group, susceptible to both physical disease complications and the social implications levied by the pandemic.

Policy-makers have constructed plans in response to the COVID-19 pandemic, targeting physical health hazards, especially in hospitals and care homes. Yet, an area overlooked is lone-liness among high-risk groups, like the elderly. In the work of van Tilburg et al., among 1679 elderly Dutch citizens, there is a 34% increase in the perception of loneliness and a 16% increase in feelings of emptiness between October 2019 (pre-pandemic) and May 2020. The psychological implications of the pandemic for the elderly are often understated and are significant determinants of well-being in this cohort. Ignoring the effects of loneliness of the elderly carries repercussions, as psychological hardships often manifest as physical pathology. Raheel et al.² correlates loneliness with an increased incidence of neurocognitive, immunological, and endocrine disorders.

While the literature affirms the importance of psychological care in the elderly, a precise framework for the implementation of care is rarely provided. 1-3 To properly appreciate its magnitude and severity and deduce proper plans to tackle it, COVID-19-induced loneliness must be recognized as a pandemic. A pandemic is defined as "an epidemic occurring worldwide, or over a very wide area, crossing international boundaries and usually affecting a large number of people,"4 and COVID-19-induced loneliness fulfills this definition. Such recognition would highlight the importance of the problem and ensure that sufficient resources are provided to tackle it. Any plan must also recognize high-risk groups, like the elderly, who require more support. Residential and long-term care facilities must be provided with frameworks for the implementation of governmental policies. One proposal put forward by Zhang et al.⁵ offers an approach that encompasses psychological intervention both during and after a health crisis, suggesting that it ought to constitute an integrated part of the treatment of pneumonia. The plan must provide caregivers with a cognitive-behavioral model to target loneliness. Van Orden et al.³ suggests that a model should provide the elderly with coping strategies to manage social isolation. This approach ought to enhance social connectedness by providing the elderly with new opportunities to connect to family and friends and by teaching them how to alter their perspective and obtain a more optimistic outlook on the situation.³

Amidst a second wave of infections, it is critical to appreciate the necessity of mental-health care provision focusing on loneliness in the elderly. Comprehensive guidelines are encouraged to prepare residential and long-term care facilities to recognize and address loneliness. While the end of the physical pandemic is in the foreseeable future, the mental-health pandemic will continue to mount casualties for years unless significant steps are undertaken. The dogma must be clear: loneliness is a pandemic; it is not less of a public-health hazard than COVID-19, and the victims of loneliness must not be forgotten.

References

- 1. Van Tilburg TG, Steinmetz S, Stolte E, et al. Loneliness and mental health during the COVID-19 pandemic: a study among Dutch older adults. *J Gerontol B Psychol Sci Soc Sci.* 2020;epub, doi: 10.1093/geronb/gbaa111.
- Mushtaq R, Shoib S, Shah T, et al. Relationship between loneliness, psychiatric disorders and physical health?
 A review on the psychological aspects of loneliness. J Clin Diagn Res. 2014;8(9):WE01–WE04. doi: 10.7860/JCDR/2014/10077.4828.
- 3. Van Orden KA, Bower E, Lutz J, et al. Strategies to promote social connections among older adults during "social distancing" restrictions. Am J Geriatr Psychiatry. 2020;epub, doi: 10.1016/j.jagp.2020.05.004.
- 4. Last JM, ed. A dictionary of epidemiology. 4th ed. New York: Oxford University Press; 2001.
- Zhang J, Wu W, Zhao X, et al. Recommended psychological crisis intervention response to the 2019 novel coronavirus pneumonia outbreak in China: a model of West China hospital. Precis Clin Med. 2020;epub, doi: 10. 1093/pcmedi/pbaa006.