Response to Letter to the Editor: Ecology of Medical Care



J Gen Intern Med 37(15):4012 DOI: 10.1007/s11606-022-07656-5

 $\ensuremath{{\mathbb G}}$ The Author(s), under exclusive licence to Society of General Internal Medicine 2022

W e wish to express our appreciation to Drs. Shibata, Kanaoka, and Banno for their insightful comments on our paper entitled "The Ecology of Medical Care During the COVID-19 Pandemic in Japan: a Nationwide Survey."

We understand their concern about the participant selection. In this study, we have selected participants aged 20–75 years for feasibility; therefore, we might have underestimated the use of home care which is mainly for the elderly.

As noted by Shibata et al., in Japan, longer intervals between outpatient visits have been reported in recent years. However, these findings are, of course, based on studies of returning patients and are unlikely to have influenced the results of our study which investigated health-care utilization for new health-related events.²

In the elderly group, our study showed lower frequency of home health-care use for health-related events than those in the 2013 study.³ In addition, in both non-elderly and elderly groups, complementary or alternative medicine (CAM) use also decreased remarkably. The cause of these changes may also be an increase in the threshold for health-care utilization due to fear of being infected by COVID-19.

Takuya Aoki, MD PhD MMA^{1,2} Masato Matsushima, MD PhD MPH¹

¹Division of Clinical Epidemiology, Research Center for Medical Sciences, The Jikei University School of Medicine.

Tokyo, Japan

²Section of Clinical Epidemiology, Department of Community Medicine, Graduate School of Medicine, Kyoto University,

Kyoto, Japan

Corresponding Author: Takuya Aoki, MD PhD MMA; Division of Clinical Epidemiology, Research Center for Medical Sciences, The Jikei University School of Medicine, Tokyo, Japan (e-mail: taoki@jikei.ac.jp).

Declarations:

Conflict of Interest: Drs. Aoki and Matsushima received lecture fees and lecture travel fees from the Centre for Family Medicine Development of the Japanese Health and Welfare Co-operative Federation. Drs. Aoki and Matsushima are advisers of the Centre for Family Medicine Development practice-based research network. Dr. Matsushima's son-in-law worked at IQVIA Services Japan K.K. which is a contract research organization and a contract sales organization. Dr. Matsushima's son-in-law works at SYNEOS HEALTH CLINICAL K.K. which is a contract research organization and a contract sales organization.

REFERENCES

- Shibata M, Kanaoka K, Banno M. Letter to the editor: Ecology of medical care. J Gen Intern Med. 2022; In Press.
- Aoki T, Matsushima M. The ecology of medical care during the COVID-19 pandemic in Japan: a nationwide survey. J Gen Intern Med. 2022;37(5):1211-1217.
- Fukui T, Rahman M, Ohde S, Hoshino E, Kimura T, Urayama KY, Omata F, Deshpande GA, Takahashi O. Reassessing the ecology of medical care in Japan. J Community Health. 2017;42(5):935-941.

Publisher's Note: Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.