Dear Editor,

COVID-19, an international health tragedy, has made various countries do their best to deal with it. However, since it was declared a pandemic, human behavior has also changed (Tosepu, Effendy, & Ahmad, 2020; World Health Organization, 2020). This behavior change follows the pattern of the COVID-19 incident (Irnaningsih, Asriati, & Tosepu, 2021; World Health Organization, 2020). In Indonesia, which has a vast area, various strategic efforts continue to be made, including restrictions on community mobility (Megatsari et al., 2020). But, when entering the second year of the COVID-19 pandemic, various disease preventions tend to be neglected. Instead, the government focused on overcoming the spread of COVID-19 (Dharmaraj et al., 2021; Muhyiddin & Nugroho, 2021).

Tuberculosis (TB) is one of the priorities for elimination in the 2030 Sustainable Development Goals (SDGs) program (World Health Organization, 2015). The Indonesian government needs the role of all sectors in achieving the SDGs targets. Until now, TB has not been overcome. In Indonesia, the disease has caused 93,000 deaths per year, or 11 deaths per hour, which puts Indonesia in the third rank after India and China (Kementerian Kesehatan Republik Indonesia, 2022). As many as 91% of TB cases in Indonesia are pulmonary TB, which can potentially infect healthy people around them. Currently, case findings and high TB treatment have been carried out in several areas, including Banten, Gorontalo, Jakarta, North Sulawesi, and West Sulawesi (Kementerian Kesehatan Republik Indonesia, 2022).

In general, the initial symptoms of TB in a person can be in the form of coughing because it attacks the respiratory tract and respiratory organs, coughing with phlegm continuously for 2 to 3 weeks or more, then shortness of breath, chest pain, weakness and feeling unwell. In addition, decreased appetite, decreased weight, and usually appears to be sweating at night even though you are not doing any activities (Craig, Joly, & Zumla, 2014; Irfani, Fitri, Roflin, Siburian, & Umar, 2021; Wejse et al., 2008).

Burhan (2022) said that there had been a change in focus since the pandemic; efforts to eliminate TB are no longer a concern. As a result, there has been a decrease in the number of cases examined; the less treatment, the higher the transmission rate. This incident cannot be allowed to continue (Burhan, 2022). Therefore, the Ministry of Health of the Republic of Indonesia must re-run programs related...
to TB elimination. Of course, this is not easy to do. TB elimination targets have various obstacles, including socio-demographic and economic aspects related to stigma, lack of family support, and difficulties in accessing health facilities due to cost, distance, and transportation. This understanding and perception are related to ignorance of TB resistance due to drug withdrawal, patient fear of the disease, and negative perception of health services, which can be factors for patients to be reluctant to seek treatment. In addition, the effect of TB treatment associated with the relatively long duration of active TB treatment (6-24 months) is a challenge for TB patients. Not only is boredom felt, but also the emergence of drug side effects that can lead to drug withdrawal (Asyary, 2018; Manurung et al., 2018; Napirah, Wandira, & Aulia, 2017; Ruth Mongan, 2017).

So that in the era of the COVID-19 pandemic, efforts to eliminate TB require collaboration between the government and the community. Of course, they both have different roles. The Ministry of Health of the Republic of Indonesia, which directly runs the tuberculosis program, must maximize case finding and activate tuberculosis drug monitoring officers. Community involvement is also essential because they are the ones who are with tuberculosis sufferers every day.

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This is the original work of the author.

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References
Asyary, A. (2018). Response: Factors related to the success of the treatment program of multidrug-resistant tuberculosis in Polyclinic of MDR-TB of The General Hospital of Undata Palu, Indonesia. Public Health of Indonesia, 4(1), 37-38. https://doi.org/10.36685/phi.v4i1.155

Burhan, E. (2022). Konferensi pers Peringatan World TBC Day. Retrieved from https://www.suara.com/health/2022/03/23/175338/world-tb-day-2022-upaya-eliminasi-kasus-tuberkulosis-indonesia-perlu-belajar-dari-penanganan-covid-19

Craig, G. M., Joly, L. M., & Zumla, A. (2014). ‘Complex’ but coping: Experience of symptoms of tuberculosis and health care seeking behaviours: A qualitative interview study of urban risk groups, London, UK. BMC Public Health, 14(1), 1-9. https://doi.org/10.1186/1471-2458-14-618

Dharmaraj, S., Ashokkumar, V., Hariharan, S., Manibharathi, A., Show, P. L., Chong, C. T., & Ngamcharussrivichai, C. (2021). The COVID-19 pandemic face mask waste: A blooming threat to the marine environment. Chemosphere, 272, 129601. https://doi.org/10.1016/j.chemosphere.2021.129601

Irfani, T. H., Fitri, A. D., Roflin, E., Siburian, R., & Umar, T. P. (2021). Active tuberculosis identification based on workers environmental sanitation during the COVID-19 pandemic. Public Health of Indonesia, 7(1), 23-30. https://doi.org/10.36685/phi.v7i1.397

Irnaningsih, I., Asriati, A., & Tosepu, R. (2021). COVID-19 preventive behavior of the community in Southeast Sulawesi Province, Indonesia. Public Health of Indonesia, 7(2), 87-92. https://dx.doi.org/10.36685/phi.v7i2.416

Kementerian Kesehatan Republik Indonesia. (2022). Laporan tuberculosis di Indonesia. Jakarta: Kementerian Kesehatan Republik Indonesia

Manurung, I. F. E., Ruliati, L. P., Ndun, H. J., Baun, A. H., Lele, Y. K., & Wahyuni, C. U. (2018). God servants knowledge and stigma of tuberculosis in Kupang Indonesia. Public Health of Indonesia, 4(3), 116-120. https://doi.org/10.36685/phi.v4i3.204

Megatsari, H., Laksono, A. D., Ibad, M., Herwanto, Y. T., Sarwendi, K. P., Geno, R. A. P., & Nugraheni, E. (2020). The community psychosocial burden during the COVID-19 pandemic in Indonesia. Heliyon, 6(10), e05136. https://doi.org/10.1016/j.heliyon.2020.e05136

Muhyiddin, M., & Nugroho, H. (2021). A year of Covid-19: A long road to recovery and acceleration of Indonesia’s development. Jurnal Perencanaan Pembangunan: The Indonesian Journal of Development Planning, 5(1), 1-19.

Napirah, M. R., Wandira, B. A., & Aulia, A. (2017). Factors related to the success of the treatment program of multidrug-resistant tuberculosis in Polyclinic of MDR-TB of The General Hospital of Undata Palu, Indonesia. Public Health of Indonesia, 3(4), 162-166. https://doi.org/10.36685/phi.v3i4.144

Ruth Mongan, P. (2017). Relationship between family support and medical compliance in patients with pulmonary tuberculosis in the working area of the community health center of Abeli, Kendari. Public
Tosepu, R., Effendy, D. S., & Ahmad, L. (2020). The first confirmed cases of COVID-19 in Indonesian citizens. *Public Health of Indonesia, 6*(2), 70-71. https://dx.doi.org/10.36685/phi.v6i2.337

Wejse, C., Gustafson, P., Nielsen, J., Gomes, V. F., Aaby, P., Andersen, P. L., & Sodemann, M. (2008). TBscore: Signs and symptoms from tuberculosis patients in a low-resource setting have predictive value and may be used to assess clinical course. *Scandinavian Journal of Infectious Diseases, 40*(2), 111-120. https://doi.org/10.1080/00365540701558698

World Health Organization. (2015). *Accelerating progress on HIV, Tuberculosis, malaria, hepatitis and neglected tropical diseases: A new agenda for 2016-2030.* Geneva: World Health Organization

World Health Organization. (2020). *Mental health and psychosocial considerations during the COVID-19 outbreak, 18 March 2020.* Retrieved from https://www.who.int/docs/default-source/coronaviruse/mental-health-considerations.pdf

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