



## Yoga and naturopathy for COVID 2019

M Alkousar Taz<sup>1</sup><sup>(10)</sup>, Venugopal Vijayakumar<sup>2</sup><sup>(10)</sup>, Maheshkumar Kuppusamy<sup>3</sup><sup>(10)</sup>

<sup>1</sup>Department of Naturopathy, Government Yoga and Naturopathy Medical College and Hospital, Chennai, Tamilnadu, India <sup>2</sup>Department of Yoga, Government Yoga and Naturopathy Medical College and Hospital, Chennai, Tamilnadu, India <sup>3</sup>Department of Physiology, Government Yoga and Naturopathy Medical College and Hospital, Chennai, Tamilnadu, India

The article titled "Effect of yoga-based exercises on functional capacity, dyspnea, quality of life, depression, anxiety, and sleep of infected healthcare workers during the COVID-19 pandemic: A prospective clinical trial" by Onal et al.,<sup>[1]</sup> stands out for its commendable efforts in incorporating yoga into a comprehensive wellness program for healthcare professionals. Over an eight-week period, the study meticulously tracked various parameters, including shoulder flexibility, sit and reach tests, hand grip strength, 6-minute walk test, dyspnea score, Beck Depression and Anxiety Inventory, Short Form 36 quality of life, Pittsburgh Sleep Quality Index, and the International Physical Activity Questionnaire. Impressively, participants in the yoga-based exercise group exhibited significant improvements across these domains.<sup>[1]</sup>

In the context of combating the COVID-19 pandemic, the AYUSH (Ayurveda, Yoga and Naturopathy, Unani, Siddha, Sowa Rigpa, and Homeopathy) system of medicine has emerged as a valuable resource.<sup>[2]</sup> The Government of India has endorsed the use of various AYUSH interventions to address both the physical and psychological challenges associated with COVID-19. Notably, the yoga and naturopathy system of medicine from Tamil Nadu has played a pivotal role in COVID-19 management.<sup>[3]</sup> By implementing a dedicated yoga and naturopathy protocol, Tamil Nadu has effectively alleviated the psychological burden experienced during the pandemic.<sup>[4,5]</sup> These interventions have not only aided in managing COVID-19 symptoms but have also demonstrated efficacy in addressing post-COVID-19 stress.[6-8]

Dispelling the misconception that AYUSH interventions are ineffective in pandemic conditions is crucial. Integrating these interventions with mainstream healthcare practices can significantly enhance our ability to manage future infectious outbreaks. By fostering collaboration between traditional and modern medical approaches, we can develop more holistic and comprehensive strategies for addressing public health crises.

**Data Sharing Statement:** The data that support the findings of this study are available from the corresponding author upon reasonable request.

**Author Contributions:** Conception or design: V.V., M.K.; Drafting the work or revising: M.T.Z., M.K., V.V.; Final approval of the manuscript: M.T.Z., M.K., V.V.

**Conflict of Interest:** The authors declared no conflicts of interest with respect to the authorship and/or publication of this article.

**Funding:** The authors received no financial support for the research and/or authorship of this article.

## REFERENCES

- Önal R, Ordu Gökkaya NK, Korkmaz S, Utku B, Yaşar E. Effect of yoga-based exercises on functional capacity, dyspnea, quality of life, depression, anxiety, and sleep of infected healthcare workers during the COVID-19 pandemic: A prospective clinical trial. Turk J Phys Med Rehab 2023;69:488-499. doi: 10.5606/tftrd.2023.11605.
- Bhandari RB, Balkrishna A, Maheshkumar K, Arumugam VA. Traditional formulations for managing COVID-19: A systematic review. J Integr Complement Med 2023. doi: 10.1089/jicm.2023.0177.
- 3. Prabu T, Kahlil Subramanian K, Manavalan N, Venkateswaran ST, Maheshkumar K. An approach

Received: February 22, 2024 Accepted: April 05, 2024 Published online: May 16, 2024

Cite this article as: Taz MA, Vijayakumar V, Kuppusamy M. Yoga and naturopathy for COVID 2019. Turk J Phys Med Rehab 2024;70(2):285-286. doi: 10.5606/tftrd.2024.14831.

This is an open access article under the terms of the Creative Commons Attribution-NonCommercial License, which permits use, distribution and reproduction in any medium, provided the original work is properly cited and is not used for commercial purposes (http://creativecommons.org/licenses/by-nc/4.0/).

Corresponding author: K.Maheshkumar, BNYS, MSc, PhD. Department of Physiology, Government Yoga and Naturopathy Medical College and Hospital, Chennai, Tamilnadu, 600106 India. E-mail: doctor.mahesh1985@gmail.com

towards COVID-19 pandemic with Yoga and Naturopathy interventions- Tamilnadu model. Clin Epidemiol Glob Health 2021;12:100807. doi: 10.1016/j. cegh.2021.100807.

- 4. Kathiresan N, Arunthathi R, Venugopal V, Narayanaswamy K, Manavalan N, Maheshkumar K. "It is the best part of our Hospital life": A qualitative analysis on the impact of yoga and naturopathy as a complementary therapy in the management of COVID-19. Asian J Psychiatr 2021;64:102789. doi: 10.1016/j.ajp.2021.102789.
- Jenefer Jerrin R, Theebika S, Panneerselvam P, Venkateswaran ST, Manavalan N, Maheshkumar K. Yoga and naturopathy intervention for reducing anxiety and depression of Covid-19 patients - A pilot study. Clin Epidemiol Glob Health 2021;11:100800. doi: 10.1016/j. cegh.2021.100800.
- Ravi P, Vijayakumar V, Kuppusamy M, Arumugam V. Clinical contribution towards management of COVID-19 patients with yoga and naturopathy intervention. Ann Neurosci 2022;29:199-200. doi: 10.1177/09727531221130558.
- Venugopal V, Venkateswaran ST, Poornima R, Maheshkumar K. Recommendation of yoga and naturopathy intervention for the effective management of post covid syndrome. J Ayurveda Integr Med 2022;13:100617. doi: 10.1016/j. jaim.2022.100617.
- Manavalan N, Prabu T, Pandiaraja M, Maheshkumar K. Successful implementation of yoga and naturopathy interventions for coronavirus disease 2019 patients in Tamil Nadu. Annals Nat Acad Med Sci 2023. doi: 10.1055/s-0043-1762903.