Mask Mandates and the wellbeing of Healthcare workers

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Table of contents

- 1. Research Question
- 2. Background
- 3. Physical Health
- 4. Mental Health
- 5. Communication
- 6. Recommendations
- 7. References

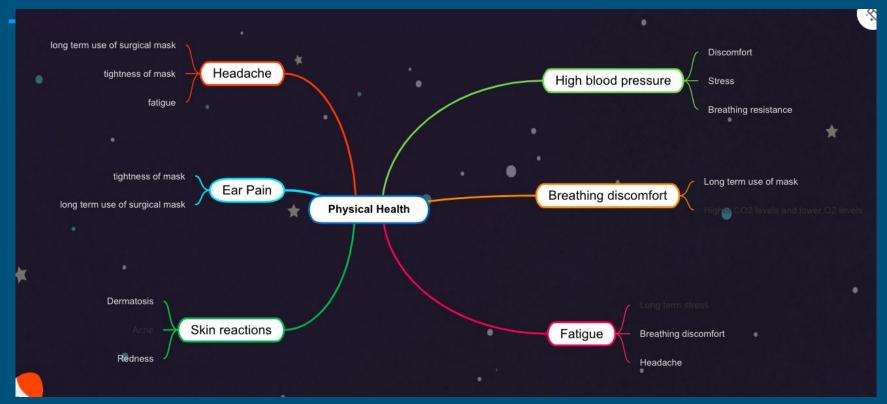
Research Question

- How did mask mandates influence the wellbeing of healthcare professionals during the COVID-19 pandemic ?
 - systematic literature review

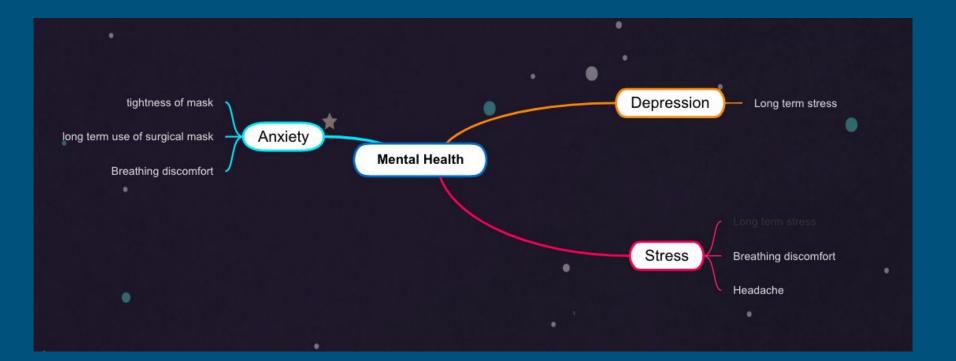
Background

- Mask mandates \rightarrow rules, regulations regarding masks
 - healthcare sector
- Previously applied during the COVID-19 pandemic
- Protective measure
 - against the spread of the virus
 - healthcare sector \rightarrow most exposed
- Differences between countries

Physical Health



Mental Health



Communication

Communication:

- Fatigue influences communications (Saccomano et al., 2022)
- Solution by a speech language pathologist
 - Breathing at a rate of six breaths per minute, which entails inhaling for four seconds and expelling for six, maximizes a number of crucial physiological processes and activates the nervous system's relaxation regions (Saccomano et al., 2022)

Recommendations

Figure 3. Recommendations for wearing respiratory protective equipment (RPE) (surgical masks and respirators).



Figure 1. Recommendations for wearing respiratory protective equipment (RPE) (surgical masks and respirators) - (Guleria et al., 2022).

References

Bartosiewicz, A., Burzyńska, J., Chmiel, Z., Januszewicz, P., & Marć, M. (2018). A nursing shortage - a prospect of global and local policies. Retrieved February 3, 2023, from https://www.researchgate.net/publication/326584152_A_nursing_shortage_-_a_prospect_of_global_and_local_policies

Benros, M. E., & Vindegaard, N. (2020). Covid-19 pandemic and Mental Health Consequences: Systematic review of the current evidence. Brain, Behavior, and Immunity. Retrieved February 3, 2023, from https://www.sciencedirect.com/science/article/pii/S0889159120309545?casa_token=olRuJI7QcBUAAAAA%3AAq30Z7IDhmvNrZGI30vESYSB7n8R6087SbBPMPJGS75BRuqVZuKc2oQzTX_FfpjS6TbpI-G7G0g

Chou, R., Dana, T., Jungbauer, R., Weeks, C., & McDonagh, M. S. (2020). Masks for prevention of covid-19 in community and healthcare settings. https://doi.org/10.23970/ahrqepccovidmasks

Ciotti, M., Ciccozzi, M., Terrinoni, A., Jiang, W.-C., Wang, C.-B., & Bernardini, S. (2020). The COVID-19 pandemic. Taylor & Francis. Retrieved February 3, 2023, from https://www.tandfonline.com/doi/abs/10.1080/10408363.2020.17831982casa_token=sC11psKUsvoAAAAA%3AdEluecu8aBoJS0ZZbLd4KDWHP9R5JNYYNvYUbc4BtGbGlcaM07iuYc_u2qCoE7rKSGhKEERH14Jkow&iournalCode=ilab20,

Guleria, A., Krishan, K., Sharma, V., & Kanchan, T. (2022, October 31). Impact of prolonged wearing of face masks - medical and forensic implications. The Journal of Infection in Developing Countries, 16(10), 1578-1587. https://doi.org/10.3855/jidc.16618

Ramirez-Moreno, J. M., Ceberino, D., Gonzalez Plata, A., Rebollo, B., Macias Sedas, P., Hariramani, R., Roa, A. M., & Constantino, A. B. (2020, December 30). Mask-associated 'de novo' headache in healthcare workers during the COVID-19 pandemic. Occupational and Environmental Medicine, 78(8), 548–554. https://doi.org/10.1136/oemed-2020-106956