DAFTAR PUSTAKA

AlOmar, R. S., AlShamlan, N. A., Alawashiz, S., Badawood, Y., Ghwoidi, B. A., & Abugad, H. (2021). Musculoskeletal symptoms and their associated risk factors among Saudi office workers: a cross-sectional study. BMC Musculoskeletal Disorders, 22(1), 1–9. https://doi.org/10.1186/s12891-021-04652-4

Ahmadifar, M., Balochkhaneh, A., Bidel, H., Rafeemanesh, E., & Yazdi, D. K. (2019). Science Arena Publications International journal of Business Management. 4(2), 82–89. www.sciarena.com

Bintang, S. S. B. S., . A., Mutiara, R., Zannah, M., & Febri Suryanto, D. T. (2021). Faktor - Faktor Yang Mempengaruhi Timbulnya Nyeri Punggung Bawah Pada Karyawan Work From Home Dimasa Pandemi Covid 19. *Jurnal Kesmas Dan Gizi (Jkg)*, *4*(1), 38–44. https://doi.org/10.35451/jkg.v4i1.826

Carroll, N., Sadowski, A., Laila, A., Hruska, V., Nixon, M., Ma, D. W. L., & Haines, J. (2020). The impact of covid-19 on health behavior, stress, financial and food security among middle to high income canadian families with young children. *Nutrients*, *12*(8), 1–14. https://doi.org/10.3390/nu12082352

Choi K, Park JH, C. H. (2013). *Prevalence of musculoskeletal symptoms related with activities of daily living and contributing factors in Korean adults. J Prev Med Public Health. .2013.46.1.39*. *46*(1), 39–49.

CNN Indonesia. (2020). Kilas Balik Pandemi Covid-19 di Indonesia. *11/11/2020*, 4–11. https://www.cnnindonesia.com/nasional/20201110123516-25-568018/kilas-balik-pandemi-covid-19-di-indonesia

Condrowati, C., & Bachtiar, F. (2021). Hubungan antara Posisi Postur Kerja dengan Keluhan Nyeri Leher pada Pekerja di Indonesia di Masa Pandemi Covid-19. *Journal of Health, Education and Literacy (J-Healt)*, *3*(2), 116–122. https://ojs.unsulbar.ac.id/index.php/j-healt/article/view/946

Cunningham, L. S., & Kelsey, J. L. (1984). Epidemiology of musculoskeletal impairments and associated disability. *American Journal of Public Health*, *74*(6), 574–579. https://doi.org/10.2105/AJPH.74.6.574

da Costa, B. R., & Vieira, E. R. (2008). Stretching to reduce work-related musculoskeletal disorders: A systematic review. *Journal of Rehabilitation Medicine*, *40*(5), 321–328. https://doi.org/10.2340/16501977-0204

Dockrell, S., Earle, D., & Galvin, R. (2010). Computer-related posture and discomfort in primary school children: The effects of a school-based ergonomic intervention. *Computers and Education*, *55*(1), 276–284. https://doi.org/10.1016/j.compedu.2010.01.013

Ekpanyaskul, C., & Padungtod, C. (2021). Occupational Health Problems and Lifestyle Changes Among Novice Working-From-Home Workers Amid the COVID-19 Pandemic. Safety and Health at Work, 12(3), 384–389. https://doi.org/10.1016/j.shaw.2021.01.010

Emerson, S., Emerson, K., & Fedorczyk, J. (2021). Computer workstation ergonomics: Current evidence for evaluation, corrections, and recommendations for remote evaluation. Journal of Hand Therapy, 34(2), 166–178. https://doi.org/10.1016/j.jht.2021.04.002

Fogleman, M., & Lewis, R. J. (2002). Factors associated with self-reported musculoskeletal discomfort in video display terminal (VDT) users. *International Journal of Industrial Ergonomics*, *29*(6), 311–318. https://doi.org/10.1016/S0169-8141(01)00071-3

Gallagher, S., & Heberger, J. R. (2013). Examining the interaction of force and repetition on musculoskeletal disorder risk: A systematic literature review. *Human Factors*, *55*(1), 108–124. https://doi.org/10.1177/0018720812449648

Ge, H., Sun, X., Liu, J., & Zhang, C. (2018). The status of musculoskeletal disorders

and its influence on the working ability of Oilworkers in Xinjiang, China. *International Journal of Environmental Research and Public Health*, *15*(5). https://doi.org/10.3390/ijerph15050842

Gerding, T., Syck, M., Daniel, D., Naylor, J., Kotowski, S. E., Gillespie, G. L., Freeman, A. M., Huston, T. R., & Davis, K. G. (2021). An assessment of ergonomic issues in the home offices of university employees sent home due to the COVID-19 pandemic. *Work*, *68*(4), 981–992. https://doi.org/10.3233/WOR-205294

Ghasemkhani, M., Mahmudi, E., & Jabbari, H. (2008). Musculoskeletal symptoms in workers. *International Journal of Occupational Safety and Ergonomics*, *14*(4), 455–462. https://doi.org/10.1080/10803548.2008.11076784

Hakala, P. T., Rimpelä, A. H., Saarni, L. A., & Salminen, J. J. (2006). Frequent computer-related activities increase the risk of neck-shoulder and low back pain in adolescents. *European Journal of Public Health*, *16*(5), 536–541. https://doi.org/10.1093/eurpub/ckl025

Hamburg, M. (1974). *Basic Statistics : A Modern Approach*.

Hamilton, I. S. (2007). *Dictionary of Psychological Testing : Assesment and Treatment*.

Harcombe, H., McBride, D., Derrett, S., & Gray, A. (2009). Prevalence and impact of musculoskeletal disorders in New Zealand nurses, postal workers and office workers. Australian and New Zealand Journal of Public Health, 33(5), 437–441. https://doi.org/10.1111/j.1753-6405.2009.00425.x

Heale, R., & Twycross, A. (2015). Validity and reliability in quantitative studies. *Evidence-Based Nursing*, *18*(3), 66–67. https://doi.org/10.1136/eb-2015-102129

https://himmelfarb.gwu.edu/tutorials/studydesign101/cohorts.cfm. (n.d.).

Hu, Y., Xu, Q., Shi, J., Lin, X., Fei, J., Hu, Y., Mei, S., & Wu, X. (2021). Poor Uncorrected Visual Acuity and Association With Sleep Duration and Screen Time: A Dose–Response Relationship Study. *Dose-Response*, *19*(4), 1–8. https://doi.org/10.1177/15593258211042161

Irma, I., Lestari, I., & Kurniawan, A. R. (2019). Faktor Yang Berhubungan Dengan Keluhan Subjektif Kelelahan Mata Pada Pengguna Komputer. *Jurnal Kesehatan P*, *8*(1), 15–23.

Izzaty, R. E., Astuti, B., & Cholimah, N. (1967). 済無No Title No Title No Title. *Angewandte Chemie International Edition, 6(11), 951–952.*, *1*(3), 5–24.

Janwantanakul, P., Pensri, P., Jiamjarasrangsri, V., & Sinsongsook, T. (2008). Prevalence of self-reported musculoskeletal symptoms among office workers. Occupational Medicine, 58(6), 436–438. https://doi.org/10.1093/occmed/kqn072

Kelts, G. I., McMains, K. C., Chen, P. G., & Weitzel, E. K. (2015). Monitor Height Ergonomics: A Comparison of Operating Room Video Display Terminals. *Allergy & Rhinology*, *6*(1), ar.2015.6.0119. https://doi.org/10.2500/ar.2015.6.0119

Kuorinka, I., Jonsson, B., Kilbom, A., Vinterberg, H., Biering-Sørensen, F., Andersson, G., & Jørgensen, K. (1987). Standardised Nordic questionnaires for the analysis of musculoskeletal symptoms. *Applied Ergonomics*, *18*(3), 233–237. https://doi.org/10.1016/0003-6870(87)90010-X

Laraz, L. G., Dewanti, L., Andriati, A., & Sulistiawati, S. (2020). The Correlation between Human Posture and Musculoskeletal Disorder of Upper Extremities among Computer Workers at Indonesian State Owned Enterprises in Surabaya. *JUXTA: Jurnal Ilmiah Mahasiswa Kedokteran Universitas Airlangga*, *11*(1), 28. https://doi.org/10.20473/juxta.v11i12020.28-31

Lewis, R. J., Fogleman, M., Deeb, J., Crandall, E., & Agopsowicz, D. (2001).

Effectiveness of a VDT ergonomics training program. *International Journal of Industrial Ergonomics*, *27*(2), 119–131. https://doi.org/10.1016/S0169-8141(00)00043-3

G. Li et al., ―The impact of mouse weight and connection type on muscle activity and performance while gaming,‖ Proceedings of the Human Factors and Ergonomics Society Annual Meeting, vol. 63, no. 1, pp. 1969–1971, Nov. 2019, doi: 10.1177/1071181319631458.

J. W. Owens, J. Teves, B. Nguyen, A. Smith, M. C. Phelps, and B. S. Chaparro, ―Examination of Dual vs. Single Monitor Use during Common Office Tasks,‖ Proceedings of the Human Factors and Ergonomics Society Annual Meeting, vol. 56, no. 1, pp. 1506–1510, Sep. 2012, doi: 10.1177/1071181312561299.

Li, Q., Guan, X., Wu, P., Wang, X., Zhou, L., Tong, Y., Ren, R., Leung, K. S. M., Lau, E. H. Y., Wong, J. Y., Xing, X., Xiang, N., Wu, Y., Li, C., Chen, Q., Li, D., Liu, T., Zhao, J., Liu, M., … Feng, Z. (2020). Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus–Infected Pneumonia. *New England Journal of Medicine*, *382*(13), 1199–1207. https://doi.org/10.1056/nejmoa2001316

Maki, S., Sakakibara, Y., & Hisanaga, N. (2021). Five-year survey of personal computer work by the staff of a teacher training university and affiliated schools. *Health Behavior and Policy Review*, *8*(5), 394–487. https://doi.org/10.14485/HBPR.8.5.1

Munnangi, S., & Boktor, S. W. (2019). Epidemiology Of Study Design. In *StatPearls*. https://www.ncbi.nlm.nih.gov/books/NBK470342/

Occupational Safety and Health Administration (OSHA, 1970)

Padjadjaran, U., Padjadjaran, U., & Padjadjaran, U. (2022). *Ergonomics Analysis of Computer Use in Distance Learning during the Pandemic of COVID-19*. *3*(1),

9–19.

Petreanu, V., Seracin, A. M., & Iordache, R. (2016). Musculoskeletal disorders in visual display unit (VDU) tasks. *Assessment*, *July*, 3, 3.

Portier, K. M., Fabi, G., & Darius, P. H. (2000). Study design and data analysis issues. *Artificial Reef Evaluation: With Application to Natural Marine Habitats*, 21–50. https://doi.org/10.1201/9781420036633.ch2

Pravitasari, A., Ardisasmita, M., Indrayatna, F., & Yulita, I. (2022). Ergonomics analysis of computer use in distance learning during the pandemic of covid-19. REKA ELKOMIKA: Jurnal Pengabdian Kepada Masyarakat, 3(1), 9–19. https://doi.org/10.26760/rekaelkomika.v3i1.9-19

Perhimpunan Ergonomi Indonesia (PEI).

Rahul Jain, Kunj Bihari Rana, M. L. M. (2021). *Association of individual and device usage factors with musculoskeletal disorders amongst handheld devices users during homestay due to pandemic*. *14*(6).

Robin Hornik Parritz; Michael F Troy. (2018). *Disorders of childhood : development and psychopathology*. *3*, 38.

Rodrigues, M. S. A., Sonne, M., Andrews, D. M., Tomazini, L. F., Sato, T. de O., & Chaves, T. C. (2019). Rapid office strain assessment (ROSA): Cross cultural validity, reliability and structural validity of the Brazilian-Portuguese version. *Applied Ergonomics*, *75*(December 2017), 143–154. https://doi.org/10.1016/j.apergo.2018.09.009

Sauter, S. L., & Arndt, R. (1984). Ergonomics in the automated office: gaps in knowledge and practice. Human computer interaction, 411-414.

Setyowati, D. L., Nuryanto, M. K., Sultan, M., Sofia, L., Gunawan, S., & Wiranto, A. (2021). Computer Vision Syndrome Among Academic Community in

Mulawarman University, Indonesia During Work From Home in Covid-19 Pandemic. *Annals of Tropical Medicine & Public Health*, *24*(01). https://doi.org/10.36295/asro.2021.24187

Situmorang, C. K., Widjasena, B., Wahyuni, I., Masyarakat, F. K., Diponegoro, U., Masyarakat, F. K., & Diponegoro, U. (2020). Hubungan Antara Durasi, Postur Tubuh, dan Penggunaan Komputer Terhadap Keluhan Neck Pain Pada Tenaga Kependidikan. *Jurnal Kesehatan Masyarakat*, *8*(5), 672–678.

SL Sauter , Schleifer LM, K. S. (1991). *Work Posture, Workstation Design, and Musculoskeletal Discomfort in a VDT Data Entry Task. Human Factors*. *33*(2), 151–167.

Soetisna, H. R., Widyanti, A., Syafira, A., & Pujiartati, D. A. (2021). Risk Assessment during Covid-19 and Learning from Home: Evidence from University Students in Indonesia. *Jurnal Optimasi Sistem Industri*, *20*(1), 42. https://doi.org/10.25077/josi.v20.n1.p42-51.2021

Stacey, N., Karam, J., Dwyer, D., Speed, C., & Meekan, M. (2008). Assessing Traditional Ecological Knowledge of Whale Sharks (Rhincodon typus) in eastern Indonesia: A pilot study with fishing communities in Nusa Tenggara Timur. *East*, *April*, 73.

Sultana, A., Tasnim, S., Hossain, M. M., Bhattacharya, S., & Purohit, N. (2021). Digital screen time during the COVID-19 pandemic: a public health concern. *F1000Research*, *10*, 1–8. https://doi.org/10.12688/F1000RESEARCH.50880.1

Sutarto, A. P., Wijayanto, T., & Afiah, I. N. (2022). Exploring the mediation role of employees' well-being in the relationship between psychosocial factors and musculoskeletal pain during the COVID-19 pandemic. Work, 71(1), 65–78. https://doi.org/10.3233/WOR-210922

Szeto, G. P. Y., Chan, C. C. Y., Chan, S. K. M., Lai, H. Y., & Lau, E. P. Y. (2014). The effects of using a single display screen versus dual screens on neck-shoulder muscle activity during computer tasks. International Journal of Industrial Ergonomics, 44(3), 460–465. https://doi.org/10.1016/j.ergon.2014.01.003

Tanzila, R. A., Prameswarie, T., Hartanti, M. D., & Denaneer, T. (2021). The Correlation between Position and Duration Use of Laptops with Musculoskeletal Disorders (MSDs). *Mutiara Medika: Jurnal Kedokteran Dan Kesehatan*, *21*(2), 79–85. https://doi.org/10.18196/mmjkk.v21i2.11375

Theresia, C., & Nabilla, Y. (2021). *Analysis of Mental Workload and Musculoskeletal Disorders among IT Workers*. *Cesit 2020*, 340–345. https://doi.org/10.5220/0010311203400345

Trujillo, Leonard and Zeng, X. (2006). *„Trujillo, Leonard and Zeng, X. (2006). hSoftware Program." 111–121.Data Entry Workers Perceptions and Satisfaction Response to the "Stop and Stretch" Software Program"*. 111–121.

Wald, N. J., Hackshaw, A. K., & Frost, C. D. (1999). When can a risk factor be used as a worthwhile screening test? *Bmj*, *319*(7224), 1562. https://doi.org/10.1136/bmj.319.7224.1562

World Health Organization (2021). Global Database on Body Mass Index (BMI).

Woo, E. H. C., White, P., & Lai, C. W. K. (2016). Ergonomics standards and guidelines for computer workstation design and the impact on users' health – a review. *Ergonomics*, *59*(3), 464–475. https://doi.org/10.1080/00140139.2015.1076528

Wu, S., He, L., Li, J., Wang, J., & Wang, S. (2012). Visual display terminal use increases the prevalence and risk of work-related musculoskeletal disorders among chinese office workers: A cross-sectional study. *Journal of Occupational Health*, *54*(1), 34–43. https://doi.org/10.1539/joh.11-0119-OA

Yamane, T. (1967). *Statistics: An Introductory Analysis, 2nd Edition*.

Zapata, A. L., Moraes, A. J. P., Leone, C., Doria-Filho, U., & Silva, C. A. A. (2006).Pain and musculoskeletal pain syndromes related to computer and video game use in adolescents. *European Journal of Pediatrics, 165*(6), 408–414. https://doi.org/10.1007/s00431-005-0018-7