

- Ahirrao, N. S., Bhosle, S. P., & Nehete, D. V. (2018). Dynamics and Vibration Measurements in Engines. *Procedia Manufacturing*, 20, 434–439. <https://doi.org/10.1016/j.promfg.2018.02.063>
- Aritan, A. E. (2020). Investigation of Correlation of Excavator Operators' Hand-Arm Vibration Exposure with Produced Rock Physical-Mechanical Properties in Natural Stone Quarries. *Mining, Metallurgy and Exploration*, 37(1), 231–238. <https://doi.org/10.1007/s42461-019-00159-8>
- Bast-Pettersen, R., Ulvestad, B., Færden, K., Clemm, T. A. C., Olsen, R., Ellingsen, D. G., & Nordby, K. C. (2017). Tremor and hand-arm vibration syndrome (HAVS) in road maintenance workers. *International Archives of Occupational and Environmental Health*, 90(1), 93–106. <https://doi.org/10.1007/s00420-016-1175-x>
- Buhaug, K., Moen, B. E., & Irgens, Å. (2014). Upper limb disability in Norwegian workers with hand-arm vibration syndrome. *Journal of Occupational Medicine and Toxicology*, 9(1). <https://doi.org/10.1186/1745-6673-9-5>
- Cambridge Dictionary. (n.d.). *WORKING HOURS* | English meaning - Cambridge Dictionary. 2023. Retrieved March 15, 2023, from <https://dictionary.cambridge.org/dictionary/english/working-hours>
- Centers for Disease Control and Prevention. (2023a). *Vinyl Chloride - ToxFAQs*. <https://wwwn.cdc.gov/dcs/ContactUs/Form>
- Centers for Disease Control and Prevention. (2023b, July 10). *Rheumatoid Arthritis (RA) | Arthritis | CDC*. <https://www.cdc.gov/arthritis/basics/rheumatoid-arthritis.html>
- Charles, L. E., Ma, C. C., Burchfiel, C. M., & Dong, R. G. (2018). Vibration and Ergonomic Exposures Associated With Musculoskeletal Disorders of the Shoulder and Neck. In *Safety and Health at Work* (Vol. 9, Issue 2, pp. 125–132). Elsevier Science B.V. <https://doi.org/10.1016/j.shaw.2017.10.003>
- Chomphan, S. (2019). Vibration signal analysis of a motorcycle. *International Journal of GEOMATE*, 16(56), 27–32. <https://doi.org/10.21660/2019.56.4549>
- Chu, L. (2021). Impact of long working hours on health based on observations in China. *BMC Public Health*, 21(1). <https://doi.org/10.1186/s12889-021-11190-0>
- Chyntiya Permata Dahyar. (2018). PERILAKU PENGGUNAAN ALAT PELINDUNG DIRI PADA PEKERJA PT. X. *Jurnal Promkes*, 6(2), 178–187.
- Cooke, R. (2022). *STAGING OF HAND ARM VIBRATION SYNDROME*.
- Davidson, S. M., Boldt, R. G., & Louie, A. V. (2018). How can we better help cancer patients quit smoking? The London Regional Cancer Program experience with smoking cessation. In *Current Oncology* (Vol. 25, Issue 3, pp. 226–230). Multimed Inc. <https://doi.org/10.3747/co.25.3921>
- Davis, J., Wang, Z., Zhang, L. L., Agresti, M., Matloub, H. S., & Yan, J. G. (2014). A quantitative study of vibration injury to peripheral nerves—introducing a new longitudinal section analysis. In *Hand* (Vol. 9, Issue 4, pp. 413–418). Springer Science and Business Media, LLC. <https://doi.org/10.1007/s11552-014-9668-0>
- Dinas Kesehatan Provinsi Banten. (2023, June 21). *Dinas Kesehatan Provinsi Banten | PENGERTIAN MEROKOK DAN AKIBATNYA*. <https://dinkes.bantenprov.go.id/read/berita/488/PENGERTIAN-MEROKOK-DAN-AKIBATNYA.html>
- Ferdila, M., Kasful, D., & Us, A. (2021). Analisis Dampak Transportasi Ojek Online Terhadap Pendapatan Ojek Konvensional di Kota Jambi. *IJIEB: Indonesian Journal of Islamic Economics and Business*, 6(2), 2021. <http://e-journal.lp2m.uinjambi.ac.id/ojp/index.php/ijoieb>

- Figlus, T., Szafraniec, P., & Skrúcaný, T. (2019). Methods of measuring and processing signals during tests of the exposure of a motorcycle driver to vibration and noise. *International Journal of Environmental Research and Public Health*, *16*(17). <https://doi.org/10.3390/ijerph16173145>
- Gojek. (2023, January 28). *Gojek Super App: Ojek Online, Taksi Online, Pesan Makan, Kirim Barang, Pembayaran*. <https://www.gojek.com/en-id/>
- Handford, M., Lepine, K., Boccia, K., Ruddick, F., Alyeksyeyeva, D., Thompson, A., Holness, D. L., & Switzer-McIntyre, S. (2017). Hand-arm vibration syndrome: Workers' experience with functional impairment and disability. *Journal of Hand Therapy*, *30*(4), 491–499. <https://doi.org/10.1016/j.jht.2016.10.010>
- Health and Safety Executive. (2023a, January 30). *Whole body vibration*. <https://www.hse.gov.uk/vibration/wbv/index.htm>
- Health and Safety Executive. (2023b, July 4). *Clinical questionnaire MEDICAL IN CONFIDENCE HEALTH SURVEILLANCE QUESTIONNAIRE ASSESSMENT OF HAND-ARM VIBRATION SYNDROME*.
- Hidayat, M. S. (2012a). *PAPARAN GETARAN MESIN GERINDA DAN KELUHAN SUBYEKTIF (HAND ARM VIBRATION SYNDROME) PADA TENAGA KERJA DI ABADI DENTAL LABORATORIUM GIGI SURABAYA*.
- Hidayat, M. S. (2012b). *PAPARAN GETARAN MESIN GERINDA DAN KELUHAN SUBYEKTIF (HAND ARM VIBRATION SYNDROME) PADA TENAGA KERJA DI ABADI DENTAL LABORATORIUM GIGI SURABAYA*.
- Iftime, M. D., Dumitrascu, A. E., Dumitrascu, D. I., & Ciobanu, V. D. (2020). An investigation on major physical hazard exposures and health effects of forestry vehicle operators performing wood logging processes. *International Journal of Industrial Ergonomics*, *80*, 103041. <https://doi.org/10.1016/J.ERGON.2020.103041>
- Jaitue, A., & Supapong, S. (2022). Prevalence of Hand-arm Vibration Syndrome and Related Factors among Carpenters in Phrae Province, Thailand. In *J Prapokklao Hosp Clin Med Educat Center* (Vol. 39, Issue 2).
- Kementerian Kesehatan. (2023, June 21). *Direktorat Jenderal Pelayanan Kesehatan: Iskemia*. [https://yankes.kemkes.go.id/view\\_artikel/1417/iskemia](https://yankes.kemkes.go.id/view_artikel/1417/iskemia)
- Kementerian Kesehatan Republik Indonesia. (2019, February 22). *Apa Itu IMT dan Bagaimana Cara Menghitungnya?*
- Kementerian Ketenagakerjaan. (2018). *PERATURAN MENTERI KETENAGAKERJAAN REPUBLIK INDONESIA NOMOR 5 TAHUN 2018 TENTANG KESELAMATAN DAN KESEHATAN KERJA DI LINGKUNGAN KERJA*.
- Koesnindratmomo, F., & Septarini, B. G. (2011). Hubungan antara Masa Kerja dengan Pembedayaan Psikologis pada Karyawan PT. Perkebunan Nusantara X (Persero). *INSAN*, *13*(1).
- Linsdell, M. (2022, December 16). *ELECTRIC MOTORCYCLE VS. GAS MOTORCYCLE: THE 9 ADVANTAGES OF GOING ELECTRIC*.
- Mauliza. (2018). OBESITAS DAN PENGARUHNYA TERHADAP KARDIOVASKULAR. In *Jurnal Averrous* (Vol. 4, Issue 2).
- Meilani, M., Datu, D., Kawatu, P. A. T., Mandagi, C. K. F., Kesehatan, F., Universitas, M., Ratulangi, S., & Abstrak, M. (2019). HUBUNGAN ANTARA LAMA KERJA DENGAN KELELAHAN KERJA

PADA PENGENDARA OJEK ONLINE KOMUNITAS MANGUNI RIDER ONLINE SARIO. In *Jurnal KESMAS* (Vol. 8, Issue 6).

Meilani, M., Datu, D., Kawatu, P. A. T., Mandagi, C. K. F., & Ratulangi, S. (2019). HUBUNGAN ANTARA LAMA KERJA DENGAN KELELAHAN KERJA PADA PENGENDARA OJEK ONLINE KOMUNITAS MANGUNI RIDER ONLINE SARIO. *Jurnal KESMAS*, 8(6).

Nabila, A., Fitri, A. M., Buntara, A., & Utari, D. (2020). Analisis Faktor yang Berhubungan dengan Keluhan Hand Arm Vibration Syndrome pada Pekerja Konstruksi. *Jurnal Penelitian Kesehatan "SUARA FORIKES" (Journal of Health Research "Forikes Voice")*, 11, 16.  
<https://doi.org/10.33846/sf11nk103>

National Cancer Institute. (2023, July 8). *Vinyl Chloride - Cancer-Causing Substances - NCI*.  
<https://www.cancer.gov/about-cancer/causes-prevention/risk/substances/vinyl-chloride>

Navy Safety Center Afloat Safety Programs Office. (2016). *Fact Sheet: Occupational Exposure to Hand-Arm Vibration (HAV) Vibration Exposure The Medical Effects of Hand Arm Vibration/ Treatment*.  
[http://www.public.navy.mil/surfor/Documents/6260\\_NMCPHC\\_TM.pdf](http://www.public.navy.mil/surfor/Documents/6260_NMCPHC_TM.pdf)

Niemiro, G. M., Rewane, A., & Algotar, A. M. (2023). *Exercise and Fitness Effect On Obesity*. StatPearl Publishing.

Nilsson, T., Wahlström, J., & Burström, L. (2017). Hand-arm vibration and the risk of vascular and neurological diseases-A systematic review and meta-analysis. *PLoS ONE*, 12(7).  
<https://doi.org/10.1371/journal.pone.0180795>

Nithin, S. K., Hemanth, K., & Shamanth, V. (2020). A review on combustion and vibration condition monitoring of IC engine. *Materials Today: Proceedings*, 45, 65–70.  
<https://doi.org/10.1016/j.matpr.2020.10.093>

Noh, J. M., Rezali, K. A. M., As'array, A., & Jalil, N. A. A. (2017). Transmission of Vibration from Motorcycle Handlebar to the Hand Article History. In *Journal of the Society of Automotive Engineers Malaysia* (Vol. 1, Issue 3). [www.journal.saemalaysia.org.my](http://www.journal.saemalaysia.org.my)

Nopiyanti, H. (2011). *Human Vibration and Occupational Noise Assesment pada Penggunaan Portable Power Tools oleh Pekerja Konstruksi*.

Novianto, N. D. (2015). PENGGUNAAN ALAT PELINDUNG DIRI (APD) PADA PEKERJA PENGECORAN LOGAM PT. SINAR SEMESTA (Studi Kasus Tentang Perilaku Penggunaan Alat Pelindung Diri (APD) Ditinjau Dari Pengetahuan Terhadap Potensi Bahaya Dan Resiko Kecelakaan Kerja Pada Pekerja Pengecoran Logam PT. Sinar Semesta Desa Batur, Ceper, Klaten). *Jurnal Kesehatan Masyarakat*, 3(1), 417–428.

Pavelsky, B. (2019). *Motorcycle Taxis in Jakarta, Indonesia The Case for Recognition and Integration of Motorcycle Taxis in Jabodetabek's Transportation System*.

UNDANG-UNDANG REPUBLIK INDONESIA NOMOR 11 TAHUN 2020, (2020).

UNDANG-UNDANG REPUBLIK INDONESIA NOMOR 13 TAHUN 2003, (2003).

Pramuditta, L., & Kunaefi, T. D. (2016). PENGARUH PAPARAN GETARAN MESIN TERHADAP KELELAHAN DAN HAND ARM VIBRATION SYNDROME (HAVS) PADA PEKERJA DI INDUSTRI BETON PRACETAK (Studi Kasus PT SCG Pipe And Precast Indonesia). *Jurnal Teknik Lingkungan*, 22, 42–51.

Precision Microdrivers. (2023). *AB-029: Vibration Motors – Voltage Vs Frequency Vs Amplitude - Precision Microdrives*. <https://www.precisionmicrodrives.com/ab-029>

- Qamruddin, A. A., Nik Husain, N. R., Sidek, M. Y., Hanafi, M. H., Ripin, Z. M., & Ali, N. (2019). Prevalence of hand-arm vibration syndrome among tyre shop workers in Kelantan, Malaysia. *Journal of Occupational Health*, 61(6), 498–507. <https://doi.org/10.1002/1348-9585.12078>
- Radu, A. F., & Bungau, S. G. (2021). Management of rheumatoid arthritis: An overview. In *Cells* (Vol. 10, Issue 11). MDPI. <https://doi.org/10.3390/cells10112857>
- Rohkuswaram, T. D., & Syarif, S. (2017). Hubungan Obesitas dengan Kejadian Hipertensi Derajat 1 di Pos Pembinaan Terpadu Penyakit Tidak Menular (Posbindu PTM) Kantor Kesehatan Pelabuhan Bandung 2016. *Jurnal Epidemiologi Kesehatan Indonesia*, 1(2), 13–18.
- Ronald A House. (2010). *Hand-Arm Vibration Syndrome*.
- Samnur, Ilham Jaya, & Ridwan D. Mahande. (2010). Analisis Hubungan Getaran dengan Temperatur Kerja pada Mesin Mil Fan 412. *Teknologi*, 11(3), 173–180.
- Santika, I. G. P. N. A. (2015). Hubungan Indeks Masa Tubuh (IMT) dan Umur Terhadap Daya Tahan Umum (Kardiovaskuler) Mahasiswa Putra Semester II Kelas A Fakultas Pendidikan Olahraga dan Kesehatan IKIP PGRI Bali Tahun 2014. *Jurnal Pendidikan Kesehatan Rekreasi*, 1, 42–47.
- Sari, J., & Martianis, E. (2019). Analisa Getaran Footers (Pijakan) Pada Sepeda Motor Non-Matic Dengan Variasi Kecepatan. In *Seminar Nasional Industri dan Teknologi (SNIT)*.
- Secaria, B. O. P., Hartanti, R. I., & Sujoso, A. D. P. (2015). *Hubungan Paparan Getaran Mesin Gerinda dengan Terjadinya Keluhan Hand Arm Vibration Syndrome pada Pekerja Mebel Informal (The Correlation Between Exposure of Grinder Machine Vibration with The Occurrence of Hand Arm Vibration Syndrome on Informal Furnitures Workers)*.
- Shixin Shen, & Ronald A. House. (2017). Clinical Review Hand-arm vibration syndrome What family physicians should know Editor's KEy Points. *Canadian Family Physician • Le Médecin de Famille Canadien*, 63, 206. [www.cfp.ca](http://www.cfp.ca)
- Statistics Canada. (2023, July 17). 3.2.3 *Non-probability sampling*.
- The National Institute for Occupational Safety and Health (NIOSH). (2023, July 18). *Hierarchy of Controls*.
- Tortora, G. J., & Derrickson, B. (2009). *Principles of Anatomy and Physiology* (12th ed.). Wiley.
- Vihlborg, P., Pettersson, H., Makdoui, K., Wikström, S., Bryngelsson, I. L., Selander, J., & Graff, P. (2022). Carpal Tunnel Syndrome and Hand-Arm Vibration: A Swedish National Registry Case-Control Study. *Journal of Occupational and Environmental Medicine*, 64(3), 197–201. <https://doi.org/10.1097/JOM.0000000000002451>
- Warner, D. O. (2005). Helping surgical patients quit smoking: Why, when, and how. *Anesthesia and Analgesia*, 101(2), 481–487. <https://doi.org/10.1213/01.ANE.0000159152.31129.84>
- Washington State Department of Labor and Industries. (2023). *Do anti-vibration gloves prevent vibration-related injuries?*
- Yeni Octavia. (2017). *HUBUNGAN PAPARAN GETARAN MESIN GERINDA TERHADAP KELUHAN HAND ARM VIBRATION SYNDROME (HAVS) PADA PEKERJA MEBEL INFORMAL KOTA MALANG* [Karya Tulis Akhir]. Universitas Muhammadiyah Malang.
- Yossi Chani, F., & Kurniawan, B. (2018). Hand Arm Vibration Syndrome: Ancaman Bagi Pekerja Sektor Industri. In *J Agromedicine* | (Vol. 5).