

- (1). de Looze MP, Bosch T, Krause F, Stadler KS, O'Sullivan LW. Exoskeletons for industrial application and their potential effects on physical work load. *Ergonomics*. 2016 May;59(5):671-81. doi: 10.1080/00140139.2015.1081988. Epub 2015 Oct 7. PMID: 26444053.
- (2). Morris L, Diteesawat RS, Rahman N, Turton A, Cramp M, Rossiter J. The-state-of-the-art of soft robotics to assist mobility: a review of physiotherapist and patient identified limitations of current lower-limb exoskeletons and the potential soft-robotic solutions. *J Neuroeng Rehabil*. 2023 Jan 30;20(1):18. doi: 10.1186/s12984-022-01122-3. PMID: 36717869; PMCID: PMC9885398.
- (3). Steinhilber B, Luger T, Schwenkreis P, Middeldorf S, Bork H, Mann B, von Glinski A, Schildhauer TA, Weiler S, Schmauder M, Heinrich K, Winter G, Schnalke G, Frener P, Schick R, Wischniewski S, Jäger M. The use of exoskeletons in the occupational context for primary, secondary, and tertiary prevention of work-related musculoskeletal complaints. *IIE Trans Occup Ergon Hum Factors*. 2020 Jul-Sep;8(3):132-144. doi: 10.1080/24725838.2020.1844344. Epub 2020 Nov 30. PMID: 33140996.
- (4). Möller, Tobias & Krell-Roesch, Janina & Woll, Alexander & Stein, Thorsten. (2022). Effects of Upper-Limb Exoskeletons Designed for Use in the Working Environment-A Literature Review. *Frontiers in Robotics and AI*. 9. 1. 10.3389/frobt.2022.858893.
- (5). Bär M, Steinhilber B, Rieger MA, Luger T. The influence of using exoskeletons during occupational tasks on acute physical stress and strain compared to no exoskeleton - A systematic review and meta-analysis. *Appl Ergon*. 2021 Jul;94:103385. doi: 10.1016/j.apergo.2021.103385. Epub 2021 Mar 3. PMID: 33676059
- (6). Baldassarre A, Lulli LG, Cavallo F, Fiorini L, Mariniello A, Mucci N, Arcangeli G. Industrial exoskeletons from bench to field: Human-machine interface and user experience in occupational settings and tasks. *Front Public Health*. 2022 Nov 21;10:1039680. doi: 10.3389/fpubh.2022.1039680. PMID: 36478728; PMCID: PMC9720272.
- (7). Ali A, Fontanari V, Schmoelz W, Agrawal SK. Systematic Review of Back-Support Exoskeletons and Soft Robotic Suits. *Front Bioeng Biotechnol*. 2021 Nov 2;9:765257. doi: 10.3389/fbioe.2021.765257. PMID: 34805118; PMCID: PMC8603112.
- (8). Del Ferraro S, Falcone T, Ranavolo A, Molinaro V. The Effects of Upper-Body Exoskeletons on Human Metabolic Cost and Thermal Response during Work Tasks-A Systematic Review. *Int J Environ Res Public Health*. 2020 Oct 9;17(20):7374. doi: 10.3390/ijerph17207374. PMID: 33050273; PMCID: PMC7600262
- (9). Pesenti M, Antonietti A, Gandolla M, Pedrocchi A. Towards a Functional Performance Validation Standard for Industrial Low-Back Exoskeletons: State of the Art Review. *Sensors (Basel)*. 2021 Jan 26;21(3):808. doi: 10.3390/s21030808. PMID: 33530377; PMCID: PMC7865790.
- (10). Zheng L, Lowe B, Hawke AL, Wu JZ. Evaluation and Test Methods of Industrial Exoskeletons In Vitro, In Vivo, and In Silico: A Critical Review. *Crit Rev Biomed Eng*. 2021;49(4):1-13. doi: 10.1615/CritRevBiomedEng.2022041509. PMID: 35695600; PMCID: PMC9199587.
- (11). Galegue E, 2021 ; Exosquelettes préconisés en prévention de la lombalgie dans les métiers de la manutention : quelles répercussions chez les patients concernés? M2 kinésithérapie <https://kinedoc.org/work/kinedoc/58480ec6-d8f9-4842-b5bf-e090e763df8e.pdf>

- (12). Golabchi A, Chao A, Tavakoli M. A Systematic Review of Industrial Exoskeletons for Injury Prevention: Efficacy Evaluation Metrics, Target Tasks, and Supported Body Postures. *Sensors (Basel)*. 2022 Apr 1;22(7):2714. doi: 10.3390/s22072714. PMID: 35408328; PMCID: PMC9002381.
- (13). Theurel, J., & Desbrosses, K. (2019). Occupational Exoskeletons: Overview of Their Benefits and Limitations in Preventing Work-Related Musculoskeletal Disorders. *IISE Transactions on Occupational Ergonomics and Human Factors*, 7, 264 - 280.
- (14). K. Desbrosses, L. Kerangueven, M. Schwartz et J. Theurel, en collaboration avec C. Duval Repères méthodologiques pour la sélection d'un exosquelette professionnel  
2021 Brochure INRS
- (15). Hoffmann H, Pitz I, Adomssent B, Russmann C. Assoziation, Erwartungen und Barrieren eines Exoskeletteinsatzes in kleinen mittelständischen Unternehmen [Association, expectations and barriers of the use of exoskeletons in small and medium-sized enterprises]. *Zentralbl Arbeitsmed Arbeitsschutz Ergon.* 2022;72(2):68-77. German. doi: 10.1007/s40664-021-00453-7. Epub 2022 Jan 17. PMID: 35068706; PMCID: PMC8762628.
- (16). Picchiotti, M. T., Weston, E. B., Knapik, G. G., Dufour, J. S., & Marras, W. S. (2019). Impact of two postural assist exoskeletons on biomechanical loading of the lumbar spine. *Applied ergonomics*, 75, 1-7.
- (17). Kim S, Nussbaum MA, Smets M. Usability, User Acceptance, and Health Outcomes of Arm-Support Exoskeleton Use in Automotive Assembly: An 18-month Field Study. *J Occup Environ Med.* 2022 Mar 1;64(3):202-211. doi: 10.1097/JOM.0000000000002438. PMID: 34873132.