

A Participatory Ergonomic Technique to Enhance the High-quality Lifestyles of Housewives with Musculoskeletal Disorders

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Authors

Fatemeh Pourhaji^{1,2*} PhD
Amin Tall³ PhD

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¹ Department of Public Health Department, School of Health, Torbat Heydariyeh University of Medical Sciences, Torbat Heydariyeh, Iran.

² Health Sciences Research Center, Torbat Heydariyeh University of Medical Sciences, Torbat Heydariyeh, Iran.

³ Health and Treatment unit, Martyr and Veterans Affairs Foundation of Tehran Rovince, Tehran, Iran.

* Correspondence

Address: No 15, Department of Public Health Department, School of Health, Torbat Heydariyeh University of Medical Sciences, Razi st., Ferdowsi Blvd., Torbat Heydariyeh, Iran.
P.O. Box: 33787-95196
Tel: +98 (51) 52226013
Fax: +98 (51) 52228021
Email: Pourhajif1@thums.ac.ir

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Work-associated Musculoskeletal Disorders (WMSDs) are one of the most crucial of these problems. Those disorders are very common in industrialized and developing international locations; statistics display that almost a hundred and fifty million human are suffering from these problems^[1]. Work-associated Musculoskeletal Disorders are a multifactorial phenomenon and more than one biomechanical and psychosocial hazard factor can affect its occurrence^[2]. Housekeeping and working at home is one of the most difficult jobs for ladies in which the chance of musculoskeletal disorders could be very excessive due to the presence of more than one hazard factors^[3]. This job in itself may be a risk factor for problems. Musculoskeletal in a housewife, and most importantly, the presence of these problems limits a woman's ability to protect herself from the effects of work. Homework in poor condition and stress due to high workload, leads to extra musculoskeletal problems and interferes with the recovery process^[4]. Research has proven house responsibilities call for two times as a great deal of electricity to do as many other jobs^[5]. There are many different workstations for women

at home and various activities are done in these workstations^[6]. The tasks that women perform at home include cleaning, cooking, washing, buying, being concerned for own family participants and youngsters, which requires tremendous physical, emotional, mental activity, imposes a great deal of biomechanical, psychological burden on them^[7]. In the participatory ergonomic approach, individuals will have no involvement in the proposals and implementation of interventions, and according to the principle of participatory ergonomics, will only have a facilitating role^[8]. Therefore, a comprehensive study will investigate the effect of health promotion training program-based totally on a participatory ergonomic approach to decreasing musculoskeletal problems and improving the quality of life of housewives.

References

1. Tamene A, Mulugeta H, Ashenafi T, Thygersson SM. Musculoskeletal Disorders and Associated Factors among Vehicle Repair Workers in Hawassa City, Southern Ethiopia. J Environ Public Health 2020; doi: org/10.1155/2020/9472357
2. Descatha A, Evanoff BA, Leclerc A, Roquelaure Y. Occupational determinants of musculoskeletal disorders. Handbook of disability,

- work and health 2020; 169-88.
3. Mishra S, Sarkar K. Work-related musculoskeletal disorders and associated risk factors among urban metropolitan hairdressers in India. *J. Occup. Health* 2021; 63(1): e12200. doi: 10.1002/1348-9585.12200
 4. Hsieh Y-CJ, Chen Y-L. Hotel Housekeepers' Job Stress. *Recreation, Parks, and Tourism in Public Health* 2020; 4: 15-32.
 5. Barry M, Zissi A. Quality of life as an outcome measure in evaluating mental health services: a review of the empirical evidence. *Soc Psychiatry Psychiatr Epidemiol* 1997; 32(1): 38-47.
 6. Tzaneti EE. Occupational sitting in forced home office during Covid-19 pandemic: a qualitative study among UT employees: University of Twente; 2021.
 7. Ikemoto T, Shiro Y, Ikemoto K, et al. Feasibility of Imported Self-Management Program for Elderly People with Chronic Pain: A Single-Arm Confirmatory Trial. *Pain Ther* 2020; 9(2): 583-99.
 8. Capodaglio EM. Participatory ergonomics for the reduction of musculoskeletal exposure of maintenance workers. *Int J Occup Safe Ergon* 2020; 28(1):376-386