

## عنوان مقاله:

.Screening of major endocrine disorders among stations of oil products distributions in Basrah city, Iraq

## محل انتشار:

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## خلاصه مقاله:

Background: Gasoline poses a threat to the public health, in general, and gasoline station workers, in particular. Cardiometabolic syndrome is a very common health problem among gasoline station workers throughout the world. In spite of its significance, few health assessments studies (if any) are available exploring the health risk effects of gasoline in relation to occupational exposure in Iraq. Trying to fill this gap, the present study aimed to evaluate health risk effects of gasoline on gasoline station workers in Iraq. Methods: The study population (N=134) was composed of randomly selected male gasoline pump workers (N=83) in Basrah, Iraq. Unexposed healthy individuals (N=51) without any systemic or mental illness were used as a control group. Body mass index (BMI), blood pressure, and blood glucose level were measured in both groups. Results: The results indicated that the BMI, blood pressure, and blood glucose levels were significantly higher among gasoline station workers in comparison to those in the control group. Conclusion: Based on the results, it can be claimed that exposure to gasoline could increase the potential risk of many disorders such as metabolic syndrome, high blood pressure, and elevated blood glucose level. It is highly recommended to consider preventive measures that protect gasoline station workers from such health threats. In addition, learning about the importance of wearing gloves, special coats, and face mask is believed to considerably .reduce the risk of getting involved with such health problems

## کلمات کلیدی:

workers, gasoline, blood glucose level, blood pressure

## لینک ثابت مقاله در پایگاه سیویلیکا:

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