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## THE EXPOSURE TO POLLUTANTS OF THE AUTO REPAIR WORKERS: MONITORING THEIR OXIDATIVE STRESS WITH USING THE TEST STRIPS

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Abstract

Background: Auto repair workers are exposed to high levels of pollutants, which can lead to oxidative stress and various health problems.

Objective: The aim of this study was to evaluate the oxidative stress levels in auto repair workers using test strips.

Methods: A cross-sectional study was conducted involving 50 auto repair workers. Oxidative stress levels were measured using test strips that detect reactive oxygen species (ROS) and reactive nitrogen species (RNS).

Results: The results showed that auto repair workers had significantly higher levels of ROS and RNS compared to the control group.

Conclusion: Auto repair workers are exposed to high levels of pollutants, which can lead to oxidative stress and various health problems.

Keywords: Auto repair workers, oxidative stress, test strips, ROS, RNS.