

Editor's Comment:

This scientific research has focused on understanding the mechanism associated with Nigella sativa oil which causes significant reduction in blood pressure and heart rate, increases troponin levels in heart tissues, and improves antioxidant enzymes. This study does confirm the potent antioxidant capacity of Nigella sativa oil. This oil mitigated oxidative stress and its consequential cardiovascular dysfunction in periodontitis and diabetes mellitus-induced rats. This study shows the ability of the Nigella sativa. The present study showed the ability of Nigella sativa to reverse oxidative, and pathological damages induced by Diabetes mellitus and Periodontitis in the heart of rats due to its antioxidative capacity. This study would give an insight into the beneficial effect of the Nigella sativa. This information would be very useful clinically.

With due consideration, the decision on the manuscript is Accepted.

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