

## **A COMPREHENSIVE STUDY OF OXIDANTS AND ANTI-OXIDANTS IN TYPE 2 DIABETICS**

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### **ABSTRACT**

Diabetes mellitus is a non-communicable disease characterized by increased blood sugar. It contributes to significant morbidity and mortality in the human race affecting every organ of the human body. Epidemiological data suggest that the number of people affected by the disease is increasing each year globally. Hence the disease is being researched intensively to find out the grass root level pathophysiology. As a result, it has been proved again and again that in this disease there is an apparent increase in oxidants and decrease in anti-oxidants resulting in oxidative stress that ultimately leads to injury to various organs. We conducted the present study to look into the level of oxidative stress in the treatment naïve diabetic North Indians.

**KEYWORDS:** Diabetes Mellitus, Oxidants, Anti-Oxidant