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(71)**Name of Applicant :**
1)Indian Council of Medical Research
Address of Applicant :V. Ramalingaswami Bhawan, P.O. Box No. 4911, Ansari Nagar, New Delhi-110029, India Delhi India
2)JSS Academy of Higher Education & Research
(72)**Name of Inventor :**
1)Rajesh Kumar Thimmulappa
2)Kavya Sugur

(57) Abstract :
The present invention relates to a new method to monitor resilience (resistance) to oxidative stress in patients by measuring the patient's serum lipid peroxidation potential. In particular, this invention is very useful in assessing the risk of diabetic patients (type 1 or 2) developing cardiovascular diseases such as coronary artery disease (CAD), stroke, and peripheral artery disease and their management. The method may also be used for assessing the risk of microvascular complications such as retinopathy, nephropathy, and neuropathy among diabetic subjects (type 1 or 2). Furthermore, the method may also be useful in the management of preeclampsia and other prenatal complications in pregnant women with gestational diabetes mellitus. The method may also be used for assessing the antioxidant activity of therapeutics in patients and population-based studies.

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