A

STUDY ON SOME

BIOCHEMICAL

PARAMETERS IN

HYPERTENSIVE INDIVIDUALS

BY

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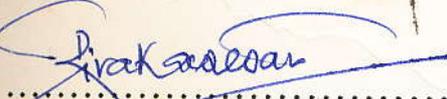
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ABSTRACT

An attempt was made to study of the biochemical parameters such as Total-cholesterol, HDL-Cholesterol, LDL-Cholesterol, Triacylglycerol (TAG), Total-protein, Albumin, Total-Calcium, Ionic Calcium and Uric acid in serum in nineteen hypertensive individuals and compared with a control group of nineteen individuals matched for age and sex.

Significant differences were observed in the serum total-cholesterol, LDL-Cholesterol, Triacylglycerol and Uric acid of hypertensive individuals compared to the controls; these values were higher in the hypertensive individuals. Others, except serum albumin were also higher in hypertensive individuals than in the control individuals. However, the differences were statistically not significant.

Standard blood pressure survey methods as recommended by the WHO were used to measure the blood pressure. The mean diastolic pressure in this study among hypertensive and control individuals were 93.68 ± 7.58 and 80.26 ± 6.38mm Hg respectively.

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