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CLINICAL NOTES ON BLOOD PRESSURE IN DISEASED
CONDITIONS.*

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This paper is not intended as an exhaustive treatise on blood pressure, but as a contribution to the study of the subject from a clinical standpoint. The arterial pressure has been measured with Gærtner's tonometer in 400 patients. This work has been done in the Royal Victoria Hospital, Montreal, chiefly for the purpose of submitting the instrument to a practical clinical test. I have pleasure in taking this opportunity to express my thanks and indebtedness to Dr. James Stewart for permission to make these observations, and to Drs. W. F. Hamilton and C. F. Martin for their kind co-operation, also to the resident staff for courteous assistance.

Typhoid Fever, 70 cases:—These were recorded in different stages, showing an average blood pressure of 104.5 mm. for the whole number (110 to 120 is taken as the average normal for this instrument). It was highest, but still subnormal, in the first week, being 107.4 for seven cases—only a small proportion reaching hospital in the first week. In second week, 102.6 for 23 cases. In third week, 104.7 for 13 observations; and after third week, including protracted cases and convalescents, 104.2 in 47 observations. As cases came in at different stages, somewhat changed values might be found in a selected series in which observations could be made in each week in each case.

There was only one death: This was a man of 35 years, whose

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