

probably the earliest indications in the most delicate part of the mechanism.

Equal to these in uncertainty and even more insidious are certain general symptoms which depend upon lowered perfection of nutrition—when a middle aged man suffers in a most indeterminate way from mere lack of well-being: he tires easily, may occasionally look anæmic or even cachectic, loses weight, while his tissues become flabby. Your attention which has been directed to carcinoma, pernicious anæmia and what not, finds no particular resting place, and is driven back by exclusion to the supposition that he is not as young as he once was. Here again, if a heightened blood tension be found, you have a definite road to follow.

The cardiac results which are especially due to vascular change are fairly well known, and of a wide range. Changes in the heart itself go hand-in-hand with arterial change [and inasmuch as the heart is part of the circulatory system, it is but right that the heart itself should claim the attention, and these are rightly considered with cardiac diseases proper]: whether a cause or an effect, hypertrophy of the left ventricle is well known to be a frequent accompaniment of vascular disease; most definitely of all, angina pectoris with its obscure pathology is likely a vessel disease rather than a heart disease. Unfortunately, by the time angina pectoris develops the disease has probably progressed beyond preventive measures, and has reached the stage when palliation is all that may be hoped, but early in the disease mark the thumping apex beat and the accentuated second sound. Spinal implication by arterial disease is fairly rare, and well defined cases where no cerebral implication exists are so rare that they may be passed over. Likewise it must be remembered that there is an abdominal form of arterial disease which produces symptoms, although as Janeway showed there may be no general increase of blood pressure. It has been called angina abdominalis, and is evidenced by pain, a sense of weight or pressure in the pit of the stomach, occasionally tenderness in the epigastrium, pain after eating, vomiting and pain in the back. There may even