

yet the tendency can be effectually combated or delayed by temperance and moderation in all things—food and drink, work and play—and by the cultivation of an equable temper. The arteries which are the favorite seat of syphilitic changes are those of the brain. As it is impossible to be sure whether a syphilitic arteritis has gone beyond the point up to which retrogression may take place, under the use of Pot. Iod. and Hydrg. the patient should be given the benefit of the doubt by full anti-syphilitic measures. Apart from syphilis, the treatment of this disease varies with the presence or absence of compensating cardiac hypertrophy. If this be present we should maintain it by careful regulation of the diet and exercise. The nutrition of the heart muscle is assisted by simple, nutritious, easily digested food, pure air, sufficient sleep, proper graduated exercise, bathing and careful clothing of the body, it being remembered that the kidneys are seldom perfectly sound in these cases. The retention of excrementitious products being believed to cause arterial tension, careful attention to kidneys and bowels is imperative. In general, atheroma, over-exertion, or sudden exertion must be avoided. In many cases there are no certain means of knowing the exact condition of the cerebral or coronary vessels, for these may be the seat of advanced disease, while the radials and temporals may appear healthy, while, on the other hand, autopsies have shown the reverse condition may exist. It is notorious that individuals whose peripheral arteries are calcareous to the last degree not infrequently enjoy a life of surprising length and comfort. Drug treatment is always of secondary importance, except in syphilis, when Pot. Iod. is given, improvement or iodism being the indications of dosage. No drug can materially influence endarteritis other than specific origin. Bartholow and some others claim that

salts of gold control the formation, cause absorption of connective tissue growth, and hence indicated in this disease. It is given in the form of double chloride of gold and sodium 1-20 to 1-10 gr. p. cib. In persistently high arterial tension, nitroglycerine (i.m. of 1 per cent. sol.) is indicated. This is put up in tablet triturates for convenience and accuracy. The nitrates relax unstripped muscle fibre remarkably. Diuretics, diaphoretics and purgatives are useful when indicated. If compensatory hypertrophy is failing, the treatment is quite different. Rest is imperative, except in obesity with fatty heart, when Oertels' treatment, carefully supervised, will be applicable. Alcohol may be useful for impaired appetite and digestive power, with the other many aids in this direction. If it be true that digitalis increases arterial tension while strophanthus does not, the latter is to be preferred in this class of cases; some authors maintain that this difference is, however, somewhat theoretical. If digitalis be useful, Balfour's suggestion to give it with an interval of twelve hours between every dose enables us to give the drug without the danger of accumulation. Sleep is of the utmost importance, and morphia is one of the best hypnotics, apart from its usefulness in angina. In cases of great tension in muscular subjects a striking relief is afforded by the abstraction of 15 to 20 ounces of blood.

This serious disease, affecting, as it does, the seat of life itself, demands from a practitioner the exercise of the utmost skill and mature judgment which a careful painstaking study of a given case enables him to apply. The elucidation of the many problems which arise in such cases has occupied the attention of the brightest intellects of the profession, and yet the insidious onset of the disease, giving no note of warning to the patient; the impossibility of procuring, after the