

much opportunity to concentrate his mind upon his affliction, which fact will lead to nervous derangements; and whenever we find a condition of nervous derangement, cell degeneration occurs.

I now call your attention to the various treatments employed in the treatment of tuberculosis. It appears to me that cod-liver oil is absolutely of no value; in fact, it has done more harm than good in all tubercular cases. Cod-liver oil will provoke nausea and subsequently digestive disturbances, and very little, if any, is absorbed in the system, which fact may be corroborated by a chemical quantitative examination of the feces. The administration of the various hypophosphites and iron tonics seems of little value in as far as we are not sure that the imbibition of inorganic principles into the organism will cause physio-chemical changes, converting such inorganic remedies into organic principles which constitute tissue pabulum. We necessarily need certain expectorants to alleviate congested conditions; but as a general treatment, we should adopt nuclein medication.

I am forced to advocate this suggestive treatment after considering that the disintegration of tissue is met with in each and every case of tuberculosis. In all tubercular conditions we note nuclein degeneration and subsequent phosphatic elimination.

I have explained why it is impossible for us to obtain true nuclein from the animal organism, and after extensive trials I have found that true nuclein can be derived from the vegetable kingdom, and such a nuclein is presented us in the form of concentrated nuclein known as tincture amal.

I herewith beg to cite a few cases, presenting for your inspection illustrative charts, which explain to you my previous reasoning and give you subsequent facts regarding nuclein medication in the treatment of tuberculosis.

I respectfully submit to you the results of experimentations with this nucleinic product (better known as tincture amal) in the laboratory and clinic in the treatment of tuberculosis, bronchitis and pneumonia.

While submitting to you the temperature and blood charts of the various cases, I will ask your indulgence to compare the results of my reports with the illustrations herewith presented for your inspection.

I wish you would lay particular stress upon the histological appearance of the white corpuscles in the blood of these cases at the beginning, and note subsequently the appearance of the younger white corpuscles, some of which are of basophilic granulation.

At the same time I refer to the urinary chart, and I ask you to make a comparison of the blood at its primary stage. Note the polynuclear leucocytosis, the large and excessive phosphatic elimination in the urine, the high prevailing temperature, the medication