

globin upon first blood examination registered 51 per cent., red cells 3,100,000, white cells 10,600.

The latest findings are a total increase of 23 per cent. hemoglobin, an increase of 300,000 red corpuscles, and a reduction of 1,500 white corpuscles. This case exhibits a digestive leucocytosis attributable to the malignant influences of the administration of creosote internally.

Case 20,113 corroborates the findings of Case 1307. The same medication was used in these two cases, but in this case the digestive leucocytosis and the subsequent excessive elimination of phosphatic material in the urine are more forcibly demonstrated. At the first blood examination we find hemoglobin 51 per cent., red cells 3,009,000; white cells 13,200. Shortly after the administration of tincture amal, we find an increase (a marked increase) of red cells, and a decrease (a marked one) of white cells, and an absolutely marked decrease of phosphatic elimination in the urine.

In a reasonably short time we have an increase of 931,000 red cells, a deduction of 4,100 white cells and an increase of 32 per cent. hemoglobin.

In all the cases cited, after some months' treatment recovery is assured.

It seems unnecessary for me to quote further clinical data in reference to the physiological action and therapeutic value of tincture amal in the treatment of consumption, excepting to call your attention to the cases of pneumonia and bronchitis which have rapidly responded under the treatment of tincture amal.

Neither time nor space will permit to give fully detailed clinical symptoms from day to day; it is only necessary to state that nuclein medication in the form of tincture amal caused the cough to grow less, expectoration clearer, night sweats and hectic fever disappeared, appetite and energy returned; in fact, it was the pleasure of both patient and physician to note marked improvements. I find it advisable to begin treatment by giving tincture amal in 1-2 ounce doses four times daily, and increase the doses as soon as a decreased phosphatic elimination in the urine has been demonstrated. Tincture amal is presented to us in two forms, the internal remedy just spoken of and the specially prepared form for inhalation and external use. This latter product should be used in steam atomizer morning and night, allowing the patient to inhale the medicated vapor for from five to ten minutes.

While discussing the subject of tuberculosis, which should not only confine itself to phthisis pulmonalis, but rather to all tubercular infections, and while reciting to you the value of nuclein in the form of tincture amal as the rational treatment in this disease, permit me to recall to your memory my former statement regarding the value of the iodides in the treatment of tuberculosis. I