

somewhat yellowish cast to the skin and conjunctiva; weight, 166 lbs. He walks with difficulty, owing to the swelling of the left knee and leg. Scrotum is greatly swollen, tense and shiny; left testicle is slightly enlarged and tender. The lower part of the chest and upper part of the abdomen are very prominent and bulging forward. The spleen is greatly enlarged, extending from the fourth inter-space in the axillary line to below the umbilicus; the liver is also enlarged, extending from the fourth rib in the right mammary line to a hand's breadth below the costal margin. The spleen is firm in consistency, smooth and not tender. The liver also is firm in consistency and without evident nodulation. There is no enlargement of the lymph nodes to be made out. Heart and lungs show nothing abnormal. Hæmoglobin, 70 per cent.; red cells, 4,800,000; leucocytes, 4,000. There is a moderate poikilocytosis; no nucleated reds; no myelocytes.

Examination of the nervous system, apart from the headaches, showed nothing abnormal.

There was some oedema of the left side of the abdominal wall, with prominence of the superficial veins.

Pigmented scars on the front of the right leg. A provisional diagnosis of syphilis was made, which was confirmed by a Wasserman test by Dr. R. W. Mann. The patient was put on hydrarg. cum creta, increased gradually up to 10 grs. daily when the gums became tender. The general symptoms all improved. The spleen and liver reduced in size, and the swelling in the scrotum, knee and leg receded. The neuralgia and headache, however, continued, and after a fortnight became exceedingly severe, requiring morphia for relief. A blood examination on March 12th showed hæmoglobin 60 per cent.; reds, 3,600,000; white, 3,000; some irregularity in size of red cells; no nucleated forms. Differential leucocyte count showed cells in normal proportions. An intra-venous injection of salvarsan .2 grm., was given March 18th. This was followed by an intense general reaction with chills, temperature of 104; rapid pulse, prostration and repeated vomiting of large quantities of blood; diarrhoea; bleeding from nose and gums and fatal result was feared. The symptoms, however, subsided in a few days and the patient began to make rapid improvement. The liver and spleen reduced rapidly, the abdomen became less prominent. The neuralgia and headache improved and the swelling of the scrotum, knee and leg began to disappear. Since that time the patient has had four more injections of salvarsan by Dr. Mann—the last two of .6 grm. without any unfavorable symptoms. Continuous improvement followed. He weighs 195 lbs., and feels better than he had for years. The spleen and liver are scarcely palpable, and on May 18th he left Toronto to resume his ordinary occupation.