

was employed in the same way, changing the dressing three times a day. Before each dressing, the wounds and ulcers were washed out with Thiersch, and then thoroughly cleansed by the bovine-peroxide process. On the 22nd, the stitches were removed, the line of union being perfect around the anus, and the fistulous wound rapidly filling under the topical blood nourishment. On the 28th the ulcers in the rectum were entirely healed; leaving now only a small surface over the site of fistula, unhealed. On the 30th, this wound was also neatly healed; patient having regular daily defecations normal in quantity, and feeling altogether like a new man. October 3rd, discharged absolutely well.

Case 2. Pat Walsh, of Bridgeport, Conn.; Irish, age 31; bullet in head of tibia admitted September 8, 1897. Examination per X-ray revealed a 38-calibre ball in the head of the tibia. Patient was shot two and a half years ago, and during this time had suffered greatly from pains in and around the knee joint. Until the 22nd, preparatory treatment was given, which consisted in regulating secretions, and a light general diet. On the 22nd: taking care for the usual evacuation, and the leg having been previously sterilized: after etherization, an incision was made to the length of four inches, extending from the head of the tibia down over the neck. The muscles, nerves and vessels were carefully pushed aside: the periosteum was incised and raised for two inches: and a small-sized trephine opened up thoroughly the head of the bone. Thanks to the X-ray, the bullet was found right in line with the opening that had been made in the bone. The ball was removed intact, the cavity was thoroughly cleansed by the bovine and peroxide of hydrogen process and washed out with Thiersch solution: after which, it was packed with iodoform-bovine gauze, and the wound was closed for half its length from above down. The dressing was changed twice in twenty-four hours until the 25th; after which, no sepsis being present, the packing was discontinued, and bovine pure was dropped into the bone cavity twice a

day; the cavity being first thoroughly cleansed every time. By the 28th, the bone cavity was almost entirely filled, and the surface of formed bone almost completely covered with periosteum. On the 30th, the bone had become filled up and entirely covered with periosteum. The edges of the wound were now brought in apposition with rubber plaster, over which a dry sterilized dressing was applied, and patient directed to return daily for dressing. A remarkable fact in this case was the wonderfully rapid filling in of new bone by the topical blood nourishment; occupying barely one week. So rapid a repair had not been known to my experience.

Case 3. Ned Mead, American, age 55, married; first seen September 6, 1897. Case of anaemia, of many years' progress: patient highly neurotic, and had become considerably of a hyperchondriac. Microscopic examination of blood revealed a decided deficiency of both white and red cells, and in the quantity of haemoglobin. Physical examination revealed no abnormal organic condition. However, all symptoms of profound anemia were evident in the pale waxy complexion, pale conjunctiva, reduced flesh, irritable heart, and disordered digestion: bowels normal. Patient was accordingly put at once on a teaspoonful of bovine every three hours, with a tonic made up of sulphate of strychnine, citrate of iron and quinine, and Fowler's solution of arsenic, taken before each meal. He bore the bovine nicely from the outset, and within a week began to show a decided improvement, in better sleep and appetite. His bovine was then increased to a tablespoonful every three hours in milk and old port wine alternately. This quantity was kept up until October 6th, when it was increased to a wineglassful every three hours. October 10th, the microscopic examination of the blood showed decisive improvement: the cells and hemoglobin being almost normal in quantity and quality, while the patient's general condition gave signs of restored health. Two days before beginning the