

tumor. The extremity of the bone was expanded into an ovoid sac or cyst, the diameters of which cut the axis of the femur at an angle of 45° , and measured four and a-half, and three and seven-sixteenths inches, respectively. The walls of the cyst were formed by a thin, flexible lamella of bone, and, at the extremity, the articular cartilage. A small portion of the periosteum on the outer condyle was congested and slightly thickened; the articular cartilage was healthy. The interior was firm, of a mottled grey colour, with several brown ecchymosed patches. The diseased substance extended up the medullary canal for about a quarter of an inch, and terminated abruptly.

Microscopically it was found to consist of free nucleated cells containing granular matter; several similar cells contained in large, mother-cells like cysts in which also was free granular matter, blood corpuscles, and a few oil globules.

5 P.M. ($3\frac{1}{2}$ hours after the operation.)—Pulse 64 and feeble; he is drowsy, and has considerable nausea, but no pain; has not yet recovered from the effects of the chloroform and shock. There has been considerable oozing from the stump. Ordered milk diet, with two pints of beef tea, and two pints of milk, extra.

August 17th.—Pulse 134, surface hot and moist, tongue and lips dry, respiration easy, pupils slightly dilated; is quite cheerful. He got liq: morph: mur: 3 ss last night, and slept soundly for several hours afterwards. There is throbbing in the limb, and pulsation of the femoral is visible.

August 18th.—Pulse 124. He got morphia again, and slept well the greater part of the night. Two of the acupuncture needles were removed, and the dressings changed; the stump looks very well. He has not much pain, the pupils are normal, tongue clean, lips not so much parched.

August 19th.—Pulse 120, and full; skin cool, dorsum of tongue coated with a dark fur,—had two stools yesterday—no pain, but did not sleep any last night, which he ascribes to lying so long in the same position. Oozing from the wound has ceased.

August 20th.—Pulse 118. He slept soundly last night, and feels well to-day. Another needle was removed. There was a sense of fullness in the stump, and Dr. Fenwick took out one of the stitches and removed a large clot of blood, syringed out the wound with carbolic acid lotion, and applied strips of plaster. His appetite is good.

August 21st.—Pulse 108, and full. He has felt more comfortable since the removal of the clot yesterday, and slept well last night. The last of the needles, the one securing the femoral, was removed to-day at 11 a.m. It was noticed upon removing it, that the wire which was