

my own hands and those of my assistants were thoroughly cleansed in the one to forty solution. Dr. Fuller administered the anæsthetic, Dr. Rodger took charge of the spray producer, while Dr. Bell looked after the instruments and rendered general assistance. I performed Carden's operation, through the condyles of the femur, and found that I could get barely enough healthy integument to cover the end of the bone, the bruising had extended so near the joint. I adopted the modification practised by some of the Edinburgh surgeons, namely, instead of making the posterior flap by transfixion, as Carden himself recommends, I first formed one of skin alone and then divided the muscles down to the bone. Thus the rather scanty anterior was compensated for by the longer posterior flap. There was sufficient integument to cover the bone without tension, and the line of junction lay well behind. The vessels, some three or four, were all tied with cat-gut, a drainage tube was inserted at either extremity of the stump, protective, and a double fold of gauze, both dipped in one to forty, were adapted to the wound, and the whole enveloped in the gauze dressing and bandage. The limb was placed on a pillow, to which a draw-sheet was adapted, and small quantities of brandy and milk ordered to be given to the patient.

The operation was performed about two o'clock in the morning of the 7th October, and I saw him in company with Drs. Rodger and Fuller on the afternoon of that day. He had been somewhat restless for three or four hours after the operation, but at the time of our visit complained only of a feeling of tightness about the stump. As the sheet was stained, we removed the dressing, but found no evidence of tension, the drainage tubes having done their work well,—stump looking exceedingly well, with the exception of a dark line along the edge of the anterior flap for the distance of about an inch, showing a lack of vitality at that point, at which I was not surprised, considering how closely I ventured to the bruised parts.

*Oct. 8th.*—Temperature 99½; pulse 124. The nurse reports that he has had a good night, and he expresses himself free from pain, and altogether very comfortable. We again dressed the