

skin, extensor tendons, and interosseous muscles were torn off, only a few shreds of tissue remaining, to show that they ever existed. The 3rd, 4th and 5th metacarpal bones were missing, except portions one eighth inch long, which remained attached to the phalanges. The deep, and superficial palmer fascia was badly lacerated, the flexor tendons somewhat torn, and two large holes punched through, into the palm of the hand. The mangled hand was filled with black grease, from the set screw, sawdust from the mill floor, and several spent quids of chewing tobacco, which were applied to the wound to check the haemorrhage. To make matters worse, over zealous friends had compelled him to drink, half a pint of alcohol, and a pint of rye whiskey to ease the pain. As he had never tasted liquor before the effect was rather startling. The man was fighting drunk and was keeping the crowd away, with a broken chair. I was in a lumber camp, many miles away from another doctor, and if I were in a reminiscent mood I might tell you how I first had to capture my patient, etherize him, render that hand aseptic, and transplant three strips of skin from the arm to supply the lost tissue on the back of the hand. I then put on an antiseptic dressing, and splinted the arm to the chest. In twelve hours I returned and dressed hand and arm in the following way:—After rendering parts aseptic I applied warm Bovine pure, dressed with a one per cent. solution of formalin upon moist gauze, covered with oiled silk, and fastened securely with a bandage. This dressing was repeated twice daily until May 16th, when the tissues were entirely healed. There was a slight suppuration at times, for which I used Peroxide of Hydrogen. The adhesions and consequent stiffness yielded to massage, with hot vaseline. The man went to work in June, and can use that hand, to-day, with almost as much dexterity as ever. Could this result be obtained without the auxiliary blood supply?

Case III. On August 10th, 1899, was treating John F— for articular rheumatism by means of superheated air, in a Betz hot air apparatus. The temperature was running to nearly 300° F., when he shifted his position, and in some way, disarranged the Turkish towelling, from his foot. The result was a deep blister, about as large as a silver dollar, over the os calcis. I went away, on my vacation, shortly afterwards, and did not see the gentleman