

he hopes to complete in time and give a full account of the pharmacology of this drug. He gives a detailed account of some personal experiments which he undertook merely to establish the activity of cannabinal and introduce it into therapeutics. During the action of cannabinal his pulse rose from sixty to ninety a minute, sensibility, determined by pinching, was blunted, and his appearance was described as ashy pale. The pupils were somewhat dilated, but throughout reacted to light and accommodation. He does not remember having had hallucinations at any time; no unpleasant after-effects were experienced, and he says the drug appears to possess no constipating action.

Cannabinal, continues the author, has been used in a few cases as a hypnotic, and with success, but at present he does not wish to discuss its uses as a medicine, or even to recommend it as a remedy. All that is maintained for this substance is that it is active and pure. Whether it will change by keeping or not time alone can tell.

---

#### A CASE OF VERY EXTENSIVE SKIN-GRAFTING AFTER THE METHOD OF THIERSCH.

---

Dr. T. S. K. Morton exhibited at the Philadelphia County Medical Society a case of very extensive skin-grafting after the method of Thiersch. A young man, twenty-six years of age, had the misfortune about a year ago, while walking in a boiler-room, to slip his left leg through an opening in the floor into a tank of boiling water. The member became caught in the tank, and remained in the water for a period of about thirty seconds before the man could be extricated by his companions. He was removed to the Polyclinic Hospital, and almost

lost his life in the succeeding four weeks from exhaustion. The entire thickness of the skin sloughed from seven inches above the patella to the malleoli at the ankle, save a few small islets of epidermis, which remained upon the crest of the tibia. Before the sloughs had all come away, the leg had become flexed at a right angle with the thigh and was covered with very vascular granulation-tissue. At this time he was under the care of Dr. L. W. Steinbach, who, under ether, made forcible extension of the limb, and succeeded in bringing it out perfectly straight. The granulations, however, parted in the flexure of the knee-joint, and all of the hamstring tendons became exposed. Under the same anæsthesia grafting with the skin of frogs was carried out. These grafts were placed upon the top of the granulations, but all failed to "take."

Some eight weeks after the accident Dr. Morton determined to apply extensive grafting after the method of Thiersch. The granulations were sterilized as well as possible by spraying with hydrogen dioxide diluted one-half with normal salt solution (0.6 per cent. common salt in water), and were subsequently enveloped in gutta-percha tissue. When suppuration had been largely controlled by this method, a surface some ten inches long and two inches wide was scraped forcibly with a curette. Bleeding was free, but was easily controlled by the binding on of sponges while the grafts were being cut. The skin on the opposite thigh, shaved and sterilized, was greased with a little boiled olive oil. Then, with a razor ground flat on the under side and similarly greased, strips of skin were cut from its upper surface, the integument being held tense and slightly humped up by a hand above and one below the field from which the grafts were to be cut. These strips were cut about an inch wide and as long as possible. They much resembled