

No. 31.—Hemiplegia. Positive in affected hand, negative to cervical spine, redness of skin, no other results.

No. 71.—Painful affection of the limbs of many months duration. Positive pole to hand, and needles to lumbar plexus, continued for two minutes. Expresses herself much relieved and desires a repetition. Negative transferred to cervical region, and pain long felt in left arm is relieved. Says she has not been so well for months. 10th. Less free from pain than yesterday, yet feels much easier than before the use of the battery. Repeated again to-day, but although polar current was continuous the quantity was not so great.

No. 69.—Suppression of the menses for eight years in a plethoric but hysterical girl. Positive by means of a sponge isolated in a glass tube to uterus, and negative to cervical region. 10th. Great pain in lumbar region. Repeated on 11th with increase of pain.

No. 63.—Supra orbital pain with profuse lachrymation and photophobia occurring in general ophthalmia. Vesication of skin of temporal region in one minute, with very marked relief. 10th. Inflammation and lachrymation same, but pain still much diminished, as after application of yesterday.

Use of Voltaic Battery to be continued in cases 69 and 71.

*From Mr. THOMAS JOHN HAYES, Resident Medical Officer, Toronto General Hospital.*

I have tried Mr. Palmer's Pocket Voltaic Battery on several patients, with the consent of the respective medical officers interested in the cases, and must say that the relief afforded was in most instances very satisfactory.

A female patient was brought from the police station yesterday, in a state of high nervous excitement, I requested Mr. Palmer, who was then in the hospital, to try his battery, which he did with most extraordinary success. The patient became perfectly calm within a period of five minutes, and in less than fifteen minutes was in a quiet sleep, which lasted for nearly five hours, without any depressing effect on the system. This woman was not under the influence of alcohol at all. I believe her excitement is caused by some domestic affliction. From what I have seen I believe Mr. Palmer's invention will prove a very valuable aid in practice.

Toronto, 13th March, 1861.

*From ROBERT CRAIK, M.D., Attending Physician, Montreal General Hospital.*

I have had the pleasure of observing the effect of electricity, as applied by means of Mr. Palmer's Pocket Battery, in several painful diseases, and have no hesitation in declaring the beneficial effect to be more rapid and complete than after any of the methods formerly in use. I give in illustration the following case:—

Harriet Pepper, a patient in the Montreal General Hospital, had been suffering from severe muscular pain in the right shoulder and arm, to such an extent as to render even slight movement intolerable. By the use of the Battery she was able in less than five minutes to move the arm freely above her head, and