

When the skin is strongly bombarded with sparks hyperemia with less or more edema results. This may last for several days. Prolonged applications cause vesication.

In skin therapeutics high-frequency currents find their most useful applications in the treatment of pruritus and erythematous lupus. In many cases of these diseases its application appears superior to any other form of treatment. I have also found it of considerable value in treatment of warts, telangectases, and alopecia areata.

*Erythematous Lupus.*—During the last six months I have treated with high-frequency currents, six cases of this disease. Of these four were cured, one has only been a short time under treatment and is improving, whilst one although treated for three months was very little improved, and is at present undergoing light treatment, under which the appearance of the patches is improving. Before the light was applied the diseased patches were exposed several times to the X-rays without any apparent improvement.

The lesions, which appeared to be the most amenable to the radiations of high-frequency currents had considerable induration in their borders and were pursuing a somewhat indolent course. In one case the disease was of twelve years' duration. The lesions were situated on the nose, cheeks and chin, and had indurated borders and central scar-like depressions. High-frequency currents, using Tesla's electrode, were applied to the border once or twice a week. After each application there was considerable reaction, which lasted from two to five days.

As to the manner in which high-frequency currents produce improvement in lesions of erythematous lupus I am unable to definitely state, but I am inclined to take the view that it is some form of stimulation of the diseased patches. However, the stimulation is, no doubt, different from that produced by drugs, as, for example, by the application of carbolic acid.

*Pruritus.*—Pruritus ani is one of the special indications for the application of high-frequency currents. After each application the skin feels somewhat hot for a short time. Local applications of drugs, etc., as well as constitutional treatment is usually required.

I use high-frequency currents in all cases of pruritus, and consider it a valuable adjunct in the management of these cases.

*Warts.*—A wart can be removed by sparking it until vesication takes place. The treatment is painful.

*Telangectasis.*—In the treatment of acquired dilated capillaries, especially the stellate form, I have found scarifications