

lead to the supposition that success has been obtained rather by such influences than by the grapes themselves. Dr. Rosse, however, has obtained the happiest results, aside from climatological influence, in patients who lived in town and used the grapes methodically at home, while from Maine to California numerous persons, prompted to try the cure, after reading his first paper on the subject, have written him most encouraging results from its use.

**RANVIER'S THEORY OF CICATRIZATION.**—Some recent experiments on rabbits have confirmed Professor Ranvier's assertion a while ago, that the union of wounds is not due necessarily to a multiplication, a proliferation of the epithelial cells, but to the fact that they become hypertrophied and slide down into the V-shaped space left by the incision, and in this

way the union of the two edges of the wound is effected. Incisions in the cornea of rabbits show the process in the most interesting manner, and owing to its simple structure the various steps in the process can be watched and closely followed. As he remarks, the deeper cells of the corneal epithelium are like soft elastic balls compressed in a sack. If the wall of the sack is cut open at any point the balls will escape. When an incision is made into the epithelium of the cornea the cells are at first pushed back by the entering knife and then slip back again into their places, seeking the lower level until the wound is entirely closed by them, while the adjacent tissue is correspondingly depleted. They frequently show a number of nuclei in the course of twenty-four hours. The *Bulletin Méd.* of January 6th contains a detailed description of these interesting experiments.

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