

ling the islands in skin grafting were produced. He therefore confined himself altogether to dealing with the bands and the edges of the tumour, with the result that the whole tumour was soon covered. He then ceased the injections, and painted the surface over with a double strength solution, with the result that the covering thickened and soon assumed the indurated condition which was present when the members saw the child exhibited. His conclusions were: (1) That the subsequent meningitis developed in many cases treated with iodo-glycerine was due to the entrasaccular injections. (2) That neither they nor the preliminary evacuations of the contained fluid are necessary. (3) That Morton's method as modified was not only incomparably safer, but gave a result as good as could be hoped for from the most successful plastic operation.—*Archives of Pediatrics*.

Abortive Treatment of Gonorrhœa with Oil of Cinnamon.—The treatment of gonorrhœa is as yet purely empiric. Countless remedies and innumerable methods have been employed, but as yet no specific has been discovered, and no entirely satisfactory plan has been devised. The discovery of the gonococcus, and the fact that it dwells under the epithelial layer as well as upon it, points the way toward a scientific method of cure. We can affirm that remedies that act merely upon the surface by application through the medium of the urine cannot effect a cure. The balsams, taken internally, modify the symptoms, but that their use shortens the case is much to be doubted. The astringents, it is quite true, will improve an ordinary non-suppurative inflammation of any structure by causing constriction of the vessels, increasing the rapidity of circulation, washing adherent corpuscles from the vessel-walls, and promoting absorption: but astringents do not do good in acute suppurations. My experience with astringents as remedies in the acute stage of gonorrhœa has not been favourable.

The proper method of treatment of gonorrhœa, when the case is seen early, would be to use an antiseptic agent. The use of hot retro-injections of corrosive sublimate does unquestionably do good, but the corrosive has to be used in great dilution (1:20,000), as strong solutions are irri-

tating. In order to most certainly cut short a beginning gonorrhœa:

1. The mucous membrane should be cleansed as a preliminary to every antiseptic injection. The stream of urine, so often relied upon, does not satisfactorily accomplish this. The mucous membrane is thickened and thrown into folds; small drops of urine lodge in the crypts and hollows, to decompose and irritate, if not washed away; and the urine, so far from cleansing, is an offending substance which it is desirable to remove. Hence, before injecting an antiseptic, the bladder should be emptied, and the urethra washed out with hot water or, better, with a solution of hydrogen dioxide. Dr. J. William White has for some time recommended the use of hydrogen dioxide in gonorrhœa. The fifteen-volume solution is diluted with an equal bulk of water, and injected with an ordinary syringe, or, as I prefer, sprayed in with a metal-nozzled atomizer. The spraying enables us to reach all parts of the urethra. It causes considerable distention, which must not be permitted to produce much pain. In letting it out, care should be taken that flakes of froth do not fly into the eyes. The spray should be continued for a moment or two, the meatus being opened repeatedly to allow the froth to escape.

2. After cleansing the urethra, an antiseptic agent should be injected. This agent should be non-irritant, or but slightly irritant. It should be certainly germicidal, it should be capable of permeating the connective tissue beneath the epithelial cells; and it should have a tendency to remain in contact with the surface-tissue, and not at once to flow away. For many months past Dr. D. Braden Kyle has been engaged in our private laboratory in a series of experiments in regard to the properties of the oil of cinnamon. He found this substance to possess the most remarkable antiseptic powers (the report will soon be published), and used it in the treatment of infective and non-infective inflammatory conditions of the nasal and aural passages, with most gratifying results. His success induced me to employ the agent in the treatment of gonorrhœa. The oil can be applied once daily by means of the atomizer (and this plan is most efficient, if the physician applies it himself, or the patient is sufficiently intelligent to do so). The oil is mixed with