

caused by drinking well-water which was largely impregnated with lime; and its comparative rarity now is said to be due to the fact that in very few places do wells now exist, so that the water-supply is almost entirely obtained from the river. It is met with in animals. Its size varies from a walnut to an adult head—the first is not troublesome, the latter serious, from its interference with respiration, and will most likely demand surgical interference. The gland has two lobes, both are generally affected, but not equally. It is not painful, and the general health is not impaired. As a rule, the enlargement is slow—but I have known it to increase in size very rapidly.

The treatment of goitre is unsatisfactory, except when the tumor is so large as to interfere with respiration and removal is demanded. If the patient survive the result is most satisfactory. The medical treatment is the application of iodine paint, the use of leaches, blisters and purgatives. I prefer to use the compound iodine ointment instead of the tincture. The latter blisters speedily, so as to necessitate its discontinuance, the ointment does not. You may give iodine internally, also iodide of potash, and some advise the protoiodide of mercury, to the extent of slight salvation. In India the biniodide of mercury ointment is used as a local application, the patient subsequently exposing the neck for a considerable time to the rays of the sun. It has been tried here and with a certain measure of success. Ergotine internally and the hypodermic injection of ergotine into the tumor is spoken of by several writers as acting well. As the patient does not give any heed to the affection I will not waste medicine by attempting treatment. As she came for the skin disease I have taken advantage of saying a word or two upon the other.

NEURALGIA OF THE FIFTH PAIR OF NERVES.

The patient now before you has been twice at the Out-door Clinic. She is 23 years of age, and not by any means a robust constitution, in fact, I question much, from her development, if she has ever since attaining womanhood enjoyed what is known as "robust health;" she has been suffering for some time from a feeling of debility, a disinclination to attend to any work, with shooting pains over various portions of her head, which within a few days have largely centred over that portion of the face and head which is supplied by the ophthalmic division of the fifth nerve, viz., the side of the nose, the eyelids, the lachrymal gland, the globe of the eye, the conjunctiva, the forehead and

the scalp. The most severe spot in this case is at the supra-orbital foramen, where the nerve passes out to ramify on the forehead and scalp; and the paroxysms of pain are paroxysmal and of a sharp, lancinating character. Any mental or physical exertion increases the pain, which not unfrequently causes nausea and vomiting. We do not often meet with this affection before the period of puberty is reached, and it occurs most often in females. There is unquestionably very often a transmitted hereditary influence. Neuralgia is very common in marshy districts, due to malaria. In women it often follows the exhaustion which ensues from prolonged lactation, also from menorrhagia or profuse menstruation. Mental anxiety and exposure to cold are also causes. Cases which may be improving under treatment often relapse from a careless exposure to a damp, cold wind.

The treatment is constitutional and local. If the disease is believed to be of malarial origin, quinine in doses of gr. ii. every four or six hours is the appropriate remedy, arsenic, Fowler's solution, (liquor arsenalis) in doses of four drops, twice a day, after meals, largely diluted. If it does not yield you may increase the dose gradually to eight drops. The arsenic may be injected hypodermically. This method is strongly advised by Dr. Hammond of New York. General tonics, as cod liver oil, iron and strychnia, are beneficial; ergot is also a valuable remedy. The pain is sometimes so unbearable that the following combination, prepared by John Wyeth & Brothers will be found, under such circumstances, of decided advantage: ℞ Quinine sulph. gr. $1\frac{1}{2}$; morphia mur., gr. 1-20; strychnia, 1-30; ext. aconite, gr. $\frac{1}{4}$ in a pill. The well-known physician, Dr. Brown-Sequard, has recommended the following pill, which I have often used with advantage: R. ext. hyosciami 2-3 gr.; ext. conii 2-3 gr.; ext. ignat. amar. $\frac{1}{2}$ gr.; ext. opii. $\frac{1}{2}$ gr.; ext. aconite 1-3 gr.; ext. canab. ind., $\frac{1}{4}$ gr.; ext. stramon, 1-5 gr.; ext. belladonnæ, 1-6 grain. If you do not think it necessary to give opii, which you will notice is in the above combination, you may use the following: ℞ Quin. S. gr. ii. strychnine, 1-30 gr.; acid arsenius, 1-20 gr.; ext. aconite, $\frac{1}{2}$ gr., or the same with the addition of $\frac{1}{4}$ gr. of morph. sulph. The diet must be full, generous and nutritious, the sun bath and pure fresh air.

The local treatment consists of anodyne liniments, composed of tincture of opium, chloroform and tincture of aconite or of tincture of veratria, the application of blisters along the course of the