

tion of zinc chlorid, the mucosa having been first anaesthetized with a 10 per cent. eucain solution. The canula of the syringe should be twice the usual length, and it should be slowly withdrawn while the solution is injected drop by drop. A wad of cotton which has been dipped in a 10 per cent. antipyrine solution, is then pressed against the puncture to prevent bleeding. The general health must be looked after. A generous diet, iron and arsenic, cold baths and exercise, a light massage of the swollen tissues with an application covered with cotton that has been moistened with menthol parafine (1-4 to 1-2 per cent.) for five minutes, twice or thrice weekly, are remedial aids, and often suffice in milder cases.

This method is only another of the many modes devised for the sub-mucus application of a strong caustic. That of Norval Pierce, which he calls sub-mucus linear cauterization, is probably a more exact means of accomplishing the same object.

#### CARBOLIC ACID IN RELAPSING TONSILLITIS.

Kramer recommends injections of carbolic acid into the tonsils, in cases where these glands are the seat of repeated attacks of inflammation. This treatment prevents recurrence. The tonsil is to be cocainized, and 1-2 cubic centimetre (eight minims) of a 3 per cent. solution of carbolic acid, by means of a hypodermic syringe, the needle of which is thrust through the anterior pillar of the fauces to the depth of about one centimetre. The injections which are given between the inflammatory attacks, are repeated every two or three days; six injections are sufficient. Kramer believes that carbolic acid acts by destroying the latent foci of pure micro-organisms that remain in the tissue of the tonsil and which cause fresh outbreaks of inflammation.

#### NASAL HEADACHES.

Bronner thinks that if a careful examination of the nasal cavities were made, many of the chronic so-called incurable headaches would be relieved. Nasal headache is often neuralgic in character, and always worse in the morning, whereas headache due to eye strain is always