

to assume that a combination of two non-specific bacilli can give rise to a specific set of symptoms, and particularly so in this instance, in which the bacillus mucosus is not found in intimate relation with the tissues. In any case, the bacillary element in the etiology calls for the presence of some other factor, and the author considers that this want is met by the assumption of a tropho-neurosis affecting the secretion and the vitality of the mucosa. The natural history of the disease falls in well with this assumption, for not only is the atrophy of the bone best explained by trophic influences, but careful personal inquiry shows that all cases begin with hypersecretion. Crusts then begin to appear, but it is not until these have for some time formed a feature of the case that the odour commences. He considers that a tropho-neurosis becomes complicated with a chronic rhinitis, and that later certain saprophytic organisms become implanted on the deteriorated mucosa.

The results of serumtherapy seem to be promising. The author relates seven cases treated by himself. The most manifest result was the disappearance of the smell, which took place in every instance. The secretion was not modified in quantity, but crusts were said to be more readily removed. Tumefaction of the mucosa occurred, and bleeding was induced even by the introduction of the speculum. The dose was in most cases 10 c.c., injected subcutaneously every two days. At the time of writing the experiments were still in progress.

At the same time four control cases were injected with normal saline solution. In three of these the odour much diminished and altered in character, so that with one irrigation a day the patients were not noticeably unpleasant.

Serumtherapy does then offer a method of combating the principal symptom, and where antitoxin is contraindicated some success may be expected from saline injections. It would seem that the antitoxin directly in a specific manner affects the microbean elements in the disease. May we not see, however, in the results of injecting indifferent fluids a stimulating action on the nervous system by which the disease is fundamentally checked?

Thus Belfanti and Vedova's discovery may lend weight to the nervous rather than to the microbean theory of atrophic ozœna.

Ernest Waggett.

APPOINTMENTS, Etc.

- Dr. FELIX SEMON has been granted a knighthood.
 Dr. H. TILLEY to be Surgeon to the London Throat and Ear Hospital.
 Mr. S. PAGET, F.R.C.S., to be Aural Surgeon Middlesex Hospital.
 Dr. H. GRADLE, M.D., to be Professor of Ophthalmology and Otology to Chicago Medical College.
 Mr. R. LAKE, F.R.C.S., to be Surgeon Laryngologist to the North London Hospital for Consumption and Diseases of the Chest.

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