

kindly referred to me by Dr. England, complained of a fetid discharge from right nostril, which came on four months ago, being preceded by severe pain in right side of face and head, relieved entirely when flow of pus set in. Examination of the nose showed purulent secretion coming away from the region of the anterior extremity of the right middle turbinated bone. Position of head did not materially accelerate flow of pus. The mucous membrane of the middle turbinated bone was considerably hypertrophied and hyperæmic. When pain in face set in had first upper molar extracted, thinking it was the cause of the face ache. The antrum was drilled through the space where the tooth had been extracted, giving exit to a small quantity of pus.

The subsequent treatment consisted in the syringing out of the antrum with solution of creolin (1:500), the tube being removed one month later, as all symptoms of empyæma had disappeared, and the patient has remained well ever since.

CASE IV.—*Empyæma Affecting both Antra. Dental Caries as Cause.*—Miss B. consulted me a year ago in reference to a disagreeable discharge from right nostril which had existed for one week. The discharge was preceded by a most severe pain in the right side of the face, attended with swelling of the same side of the face and beneath the right eye. Relief to the pain was followed two days later by a sudden discharge of fetid matter from the right nostril. The swelling of face and beneath right eye also disappeared. The mucous membrane of the right nostril was much swollen and hyperæmic; but under the influence of a 5 p. c. sol. cocaine, the swelling was so reduced as to bring the middle meatus into view, and in the region of the outer surface of the anterior extremity of the right middle turbinated bone a quantity of purulent secretion was collected, which soon re-collected after removal.

Marked redness of the gums of the right side was observed, and tenderness elicited upon pressure over the superior maxilla.

Under ether, all the defective teeth on the right side of the superior maxilla were extracted, and the antrum opened by means of a drill passed in through the posterior socket of the