

Others more successful have not only been encouraged themselves at the results, but have stimulated a large portion of the profession to meet the demands of an intelligent public, anxious for advice, and what is of more importance, practical proof in this attainment, which will ever secure their utmost confidence, and bring its richest reward.

Since writing the above, I have with great pleasure, perused articles in the *American Journal of Dental Science*, on inflammation of the dental pulp, which I trust is the beginning of a work very much needed on Dental Pathology.

DISEASE OF THE ANTRUM.

BY C. S. CHITTENDEN, L.D.S.

On the 30th August, 1870, a stout, sturdy Englishman called on me to have the roots of the left superior second bicuspid extracted. The face was most fearfully swollen, the swelling commencing about the orbital edge of the malar bone and extending downwards to a point a little below the alæ of the nose, and puffing out in the centre, much as if the half of an egg, cut latitudinally, had been placed under the skin. The surface was very hard and intensely red, the appearance being unlike anything I had ever seen before. I made a good many inquiries, from which I gathered that the swelling first commenced about seven years before, and had given more or less trouble ever since, but had never been as painful or as badly swollen as when he came to me. I also learned that on three or four occasions he had consulted physicians, who had opened the enlargement in the cheek, from which, so far as he knew, there had been no discharge but blood.

The gums were perfectly healthy, there being no inflammation about the roots of the bicuspid even. Suspecting disease of the antrum, I plied him with the usual questions, but failed to elicit anything from him that would lead me to decide positively as to whether that cavity were affected or not, and as I could see no other cause for the trouble, I decided to make an opening into it. For this purpose I extracted the roots, which were removed without difficulty, and then attempted to pass a small drill through the socket of the palatal root, but as it caused him a good deal of pain I desisted for a moment, and then inserted the drill into the socket of the buccal root and gave it two or three turns, when I found it had passed entirely through the bone. I withdrew the drill, expecting to see it followed by a discharge from the swelling; but, as nothing came away, I took a small probe and passed it through the opening made by the drill, and pressed it up till he asked me to stop, when I found on