

can be produced instantly and at will, and so that it will remain. The Doctor has experimented for six years, and this is his first announcement. After quoting from several authorities, as to the action of nitrate of silver in contact with living tissue, and an interesting letter from Professor Mayr, of Springfield, as to its chemical effect on decaying tooth-structure, besides a quotation on its use in the treatment of sensitive dentine, from Professor Taft's "Operative Dentistry," he proceeds to explain his method of using it for the arrest of caries. At the convention, he made his paper doubly interesting by the presence of several of his patients, in whose mouths the treatment had been highly successful. The cases treated by the Doctor varied in age from seventy years old to mere children, extending over a period of six years, and in most of the cases the decay had not returned. One hundred and forty-two cavities, after more than three years, showed eighty-seven to be successful, thirty-three partially successful, and twenty-two unsuccessful—most of the latter being in mouths of patients of delicate constitution.

Dr. Stebins uses pulverized crystals of the nitrate dissolved in an equal amount of water. Hard wood points that will enter very small cavities, put on handles convenient for application, are dipped in the solution. The cavity, or the surface, to be treated, should be comparatively dry. Enough of the powder—about the size of a pin-head—is taken up on the stick, and applied to every part of the diseased portion, the mouth of the patient being protected during the operation. After a short interval, inject plenty of water. The use of the nitrate in the same way is recommended in pyorrhoea alveolaris. The liberated nitric acid should be removed. Further experiment will be watched with interest.

"The Wonderful City."

Chicago is sometimes called "the windy city;" but its worst enemies must admit it is a "wonderful city." How it grew between 1830 and 1872, from seventy inhabitants to nearly three hundred and sixty-five thousand, and how it is growing into the million, everybody knows. How its merchants had such a reputa-