successful, but it is apt to produce severe pain in the teeth and the upper jaw unless a little cocaine solution is used first. In rare cases the drug appears to irritate, and aggravates all the symptoms.

Obstruction and catarrhs of the Eustachian tube yield to the use of bougies dipped into adrenalin solution before being introduced. The minute quantity which moistens the bougie is sufficient to have a marked effect upon the mucous lining of the tube.

In a case of acute otitis media, the instillation of 5 drops of the original solution into the meatus also greatly reduced the congestion of the membrana tympani; after which a warm solution, 1 in 5,000, injected through the Eustachian catheter, gave almost immediate relief from pain, lasting several hours.

In spasmodic rhinitis the author advises the use of sprays of a warm solution, 1 in 10,000, repeated three or four times a day. As a hæmostatic, the best results are seen in operations upon the nasal septum, which should be thoroughly painted on both sides. It is here that the mixture of cocaine and adrenalin proves valuable. After waiting from twenty to thirty minutes, an operation can be performed without pain or appreciable loss of blood.

Finally, during the progress of radical mastoid operations adrenalin solution of full strength poured in and allowed to remain for some minutes is preferred to peroxide of hydrogen for clearing the field of operation. *Chichele Nourse.*

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