

the *ductus ad nasum*, their effect being to lessen the congestion and consequently promote the ease with which the sound is passed.

6. To relieve ciliary pain, as has been pointed out by Dudley Reynolds, for example, in all forms of keratitis, iritis, and cyclitis with glaucoma.

7. To modify, according to the same observer, and even to clear up, certain opacities of the cornea—for example, those which follow contusions, and even the opacities in syphilitic iritis.

8. To produce a cosmetic effect.

Hemostatic Value.—There is also much difference of opinion as to the value of these preparations in checking hemorrhage, and if I may quote my own experience, I would say that while they certainly are of use in preventing the oozing from small vessels—for example, in a pterygium operation, in incision of the conjunctiva preparatory to tenotomy, and perhaps even in making an iridectomy—they are of little or no value when the bleeding takes place from larger or even medium-sized vessels.

There is some difference of opinion also in regard to the value of the various preparations. The two most used in this country, adrenalin chloride and aqueous solutions of the dried extract, if I may quote my own observations, yield practically identical results. Solutions of adrenalin chloride have the advantage of being perfectly clear, are more readily kept, and are less subject, I think, to contamination. They have the disadvantage, however, of occasionally producing marked irritation, and I have seen a number of hyperemic conjunctivas grow markedly more hyperemic after the subsidence of the blanching than they were prior to its use, and the patient has complained not only at the moment of the application, but some time afterward, of a stinging and burning sensation.

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LARYNGOLOGY AND RHINOLOGY

IN CHARGE OF J. PRICE-BROWN.

Action of Ozone in Whooping-Cough.—DELHERM (*Archive des Infants*, May, 1902).

Delherm, after treating 28 cases of pertussis by inhalation of ozone, reports the results of his experience. He claims that while it is not a specific for this disease, it possesses undoubted antispasmodic properties, and should be used during the paroxysms only, three or four inhalations of ten minutes each might be given during the 24 hours. The effect is to shorten and lighten