Eustachian tube. The external auditory meatus at birth measures about 13 mm. on the upper wall and 19 on the lower, as compared with 29 and 35 respectively in the adult, and is somewhat of an hour-glass shape. (The necessity for pulling the auricle downwards when inspecting the ear of the infant is pointed out.) The length of the lymphatics from the ear to the mediastinum in the infant is stated to be about one ninth of what it is in the adult, and Dr. Churchill Carmalt is quoted as having shown that the calibre of the lymphatics is as large in the former as the latter. This fact seems very significant. (No reference is made to the exposed position of the facial nerve in early childhood, the stylo-mastoid foramen being on the antero-external surface of the rudimentary mastoid process, a point to which Harold Stiles had drawn particular attention.)

Dundas Grant.

THERAPEUTIC PREPARATIONS.

MENTHARENAL. (Frank A. Rogers, 327, Oxford Street, London, W.) Mentharenal is an antiseptic solution containing the active principles of supra-renal gland, combined with menthol, cineol, thymol, salicylate of soda, borax, etc. The preparation has been introduced to supply the need for an antiseptic solution for the treatment of hay fever, coryza, tonsillitis, and similar conditions. It contains the most suitable adjuncts for employment in the above-mentioned pathological conditions, and the remedial properties of the gland remain unimpaired for a long period. It has recently been employed successfully for reducing the distressing symptoms of hay fever, and in cases of this malady it acts almost instantaneously on the nasal mucosa and checks the sneezing and secretion of mucus. In the treatment of coryza it rapidly checks the nasal discharge, and in tonsillitis, used either as a spray or as a gargle, it rapidly reduces the congestion and inflammation. It may be used undiluted, or, if preferred, mixed with an equal amount of water. It is best administered in the form of a nasal spray, the application being made every two or three hours to commence with, and less frequently when relief is obtained. A convenient spray for its use (and for the use of any solution in small quantities for spraying into the nose) is Rogers' *Miniature No. 1* Spray, a serviceable instrument, of the finest workmanship and material, portable and compact. Mentharenal has lately in certain irritative conditions of pharyngitis, rhinitis, etc., been combined with mucin, and has been found to afford additional protection and to act as a lubricant to the inflamed surfaces. "Mentharenal with mucin" must be specially ordered if the combination is desired.

REVIEW.

Diseases of the Ear. By JAMES KERR LOVE, M.D. For Practitioners and Students of Medicine, with 54 Stereoscopic Photographs, two Coloured Plates, and many Illustrations. Pp. 339. Bristol: John Wright & Co. London: Simpkin Marshall, Hamilton, Kent & Co., Limited. 1904.

Glasgow has not been behindhand in the production of valuable works on otological subjects. Dr. Cassells supplied in 1883 an excellent

https://doi.org/10.1017/S1755146300176619 Published online by Cambridge University Press