cure. (3) Local sloughing is very rare, and will be avoided entirely by further concentration. (4) Serum sickness and serum rashes are not a bar to the use of a large dose.

With the use of large doses the mortality has been reduced to 6·02 per cent. The advantages of large doses of antitoxin are: (1) Prompter local cure; (2) quicker improvement in the patient's general condition; (3) permanence of curative action; (4) avoidance of complications; (5) reduction of mortality; (6) avoidance of pain and discomfort of repeated small doses; (7) harmlessness of large doses. *Birkett (Rogers).*

EAR.

Horne, Jobson.—Gun Deafness and its Prevention. "The Lancet," August 15, 1914, p. 462.

With the outbreak of war must come certain cases of rupture of the membrana tympani and labyrinthine concussion from the effect of explosions, especially in naval warfare. The author has endeavoured to meet the possible want of knowledge of these conditions by this article. He gives a *resumé* of present knowledge and advises as to prevention.

Macleod Yearsley.

Boot, G. W.—Caisson Workers' Deafness. "Annals of Otology etc.," vol. xxii, p. 1121.

Gives the results of an examination of thirteen workers in compressed air. From a consideration of these cases he considers that the results of caisson working on the ear are of three kinds: (1) Tubal tympanic catarrh, principally in those who are predisposed thereto by nasal conditions. (2) Symptoms referable to the vestibular system, either in its central mechanism, in course of the vestibular nerve, or in the terminal end-organs. Complete recovery is the rule. The third and most characteristic result of working under compressed air is a loss of a considerable portion of the upper range of hearing, with marked loss of bone conduction. In a few cases the whole organ of Corti was apparently destroyed suddenly after coming out of the air-lock. As a rule, the loss is gradual, and is comparable to that in boilermakers' deafness.

Macleod Yearsley.

BOOKS RECEIVED.

The Tonsils, Faucial, Lingual and Pharyngeal, with some Account of the Posterior and Lateral Pharyngeal Nodules. By *Harry A. Barnes, M.D.*, Instructor in Laryngology, Harvard Medical School. Illustrated. London: Henry Kimpton, 263, High Holborn, W.C.; Glasgow: Alex. Stenhouse, 40 and 42, University Avenue. Price 12*s.* 6*d.* net.

Operative Surgery of the Nose, Throat, and Ear, for Laryngologists, Rhinologists, Otologists and Surgeons. By *Hanau W. Loeb, A.M., M.D.* In two volumes. Vol. I, Illustrated. London: Henry Kimpton; Glasgow: Alexander Stenhouse, 1914. Cash price (2 vols.) £2 10*s.*

Diseases of the Labyrinth. By *Dr. Erich Ruttin*, Privatdocent in the Otological Clinic, University of Vienna. Authorised translation by *Horace Newhart, A.B., M.D.*, Instructor in Otology, University of Minnesota. Illustrated. London: William Heinemann. Price 8*s.* 6*d.* net.

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