

opportunity of investigating it incidentally whilst carrying out research work on the respiratory centres.

It was necessary in these experiments—dogs were used—to split the medulla lengthways, and after their recovery it was possible to test the hearing. When the animals had been killed at varying intervals sections stained by Marchi's method afforded other histological data. The following is an abstract of the writer's conclusions:

In spite of this lesion, experimentally performed, the sensation of hearing undoubtedly remained. According to this, therefore, it is possible to state that this perception is unaffected by the median severance of both the ventral and dorsal portions of the decussation of the acoustic tracts.

Similar experiments were undertaken on apes, with a like result.

The author suggests that all that this investigation demonstrates is the functional connections of the acoustic paths on the homolateral side, but does not dispute their association with the opposite side; the proportional destination of hearing impulses under normal conditions is a matter that must be left for future further investigation.

Alex. R. Tweedie.

REVIEWS.

Text-Book of Local Anæsthesia for Students and Practitioners. By Prof. Dr. GEORG HIRSCHHEL, Heidelberg, with an Introductory Preface by Prof. Dr. WILMS. Translated by RONALD E. S. KROHN, M.D. Lond. London: John Bale, Sons and Danielsson, Ltd., 1914.

This small, but well-turned-out book gives a fairly compendious and accurate account of the methods of inducing local anæsthesia in the various regions of the body, and to the English-speaking general surgeon ought to prove of great value, particularly in view of the methodical progress which local anæsthesia seems to be making on the Continent. The author tells us, for example, that in the Heidelberg Surgical Clinic, during 1906, 85 per cent. of the operations were performed under general anæsthesia, and 11.4 per cent. under local. In 1911 the numbers respectively were 52 per cent. and 42 per cent.

To the oto-laryngologist, however, we fear the book will prove to be rather disappointing, since the amount of space devoted to the operations on the throat, nose, and ear is necessarily very limited, and the various surgical procedures are rather too summarily handled.

The translator, in his preface, warns us that he has (unfortunately, we think) adopted the new Basel anatomical nomenclature, but surely even that terminological revolution has not substituted the term "internal ear" for middle ear (p. 74).

Dan McKenzie.

BOOKS RECEIVED.

- Disease of the Nose, Throat and Ear.** By *William Lincoln Ballenger, M.D.* Price 28s. net. London: Henry Kimpton, and Glasgow, 1914.
- Lehrbuch der Osophagoskopie.** By *Prof. Dr. Hugo Starck.* Price 8 mks. and 9 mks. Würzburg: Curt Kabitzsch, 1914.
- Die Syphilis der Unschuldigen.** By *Prof. Dr. P. H. Gerber.* Price 50 pfg. Würzburg: Curt Kabitzsch, 1914.
- Pharmacopœia of the Hospital for Diseases of the Throat.** Edited by *Charles A. Parker and T. Jefferson Faulder.* Price 2s. 6d. net. London: J. and A. Churchill, 1914.

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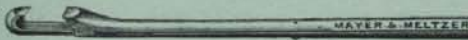
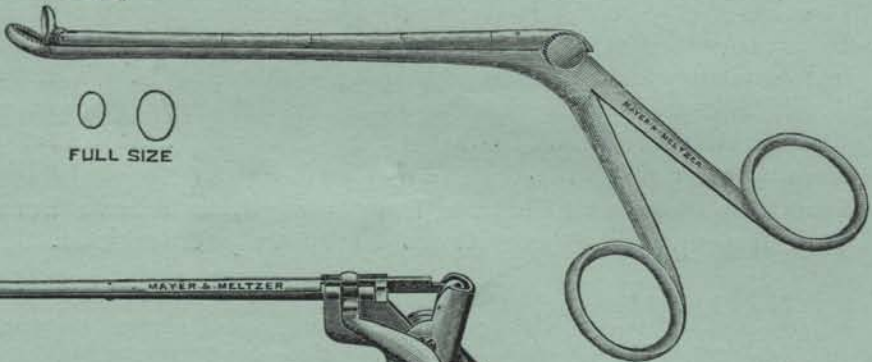
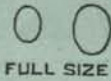
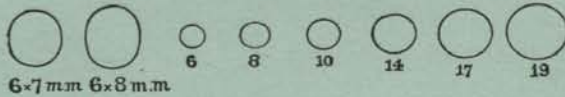
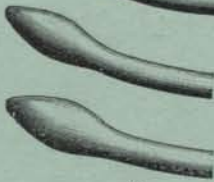
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