

RECONSTRUCTION OF SERIAL SECTIONS OF BRAIN.*

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Dr. Meyer demonstrated several models of reconstruction of serial sections of brains, in drawings on superimposed glass-plates. The drawings were made by the help of the Edinger-Leitz apparatus. Higgin's inks had been fairly satisfactory. It is easy to calculate the relative proportions of thickness of section, thickness of glass-slide and linear enlargement and to get the correct proportions of width and depth.

The advantages of this procedure are:

a. Its quickness. The drawing of the models shown took only from three to fifteen hours each.

b. The lucidity of the result, especially the possibility of seeing the most tortuous courses of bundles, as the bundle of Vicq-d'Azyr and the mammillo-tegmental fibers, etc.

c. The ease of manipulation as compared to that of wax-models, which, moreover, are not translucent, and cannot be taken apart in levels for guidance in the study of the actual sections.

DISCUSSION.

Dr. C. K. Mills said that although the time would not allow of any discussion he would like to say a word about these preparations. He had looked at some of them before the meeting, and it seemed to him they were unusually good for the purpose of teaching the structures, or the parts of structures, and the organs which have to be represented in different planes.

123 "ZUR KÜNSTLICHEN FIXATION DER GELENKE BEI TABES" (Artificial Fixation of the Joints in Tabes). Adler (Neurol. Centralbl., Feb. 1, 1900. No. 3, p. 102).

Adler believes that the muscle hypotonus commonly observed in tabetics is in large measure accountable for their embarrassed locomotion. With this in mind he has tried fixation of certain joints, particularly the knee, by means of bandage-like appliances made out of woolen-elastic materials, with sufficient benefit to his patients to make him urge a more general trial of this simple procedure.

J. W. COURTNEY.

* These models were shown at the meeting of the American Neurological Association, May, 1900.