

the thalamus opticus, and just above the roof of the descending cornu of the lateral ventricle. (6) Occipital section, through occipital lobe, normal.

The area of softening, then, corresponded to the lenticular nucleus, central and posterior parts, the central part of caudate nucleus, the anterior portion of internal capsule, the external capsule, and the fasciculus of fibres passing to the first temporo-sphenoidal convolution. Substance on left side is natural-looking.

On slitting up the left middle cerebral artery, a clot of blood is found occupying it immediately beyond its first branch to the convolutions, the frontal-external. It is pretty firm, not decolorized, and not adherent to the wall; on carefully separating its elements, no firmer portion was found, and it was evidently *post-mortem* in its formation. The larger of the small arteries in the anterior perforating space which are given off from the first part of the Sylvian artery were carefully withdrawn and slit up, but no small emboli found. A similar result followed the inspection of the branch going to the right temporo-sphenoidal convolution.

CASE II.—*Hæmorrhage into left caudate nucleus; softening of anterior fibres of internal capsule and outer section of lenticular nucleus. Hemiplegia; early rigidity. Loss at first, subsequent return, of sensation in paralysed side.*

J. W., æt. 72, admitted Sept. 1st with right hemiplegia, which came on suddenly on the 29th of August. He is a fairly, well nourished old man. There is no satisfactory history, but as he came from the House of Refuge, the presumption is in favor of a life of considerable hardship. Signs of senile decay in stiffened arteries.

*Condition on admission.*—Lies in a lethargic state, but can be roused when spoken to loudly, and answers in a muttering, unintelligible way. Lifts the left hand when told to do so. Right side completely paralyzed. Right side of face also affected. Tongue is protruded to this side, and when he speaks the angle of mouth is drawn to left; no ptosis. Pupils dilated and equal.