

(a) In portions of the body, like the hand and foot, where the peripheral nerves occupy a superficial position, anaesthesia can be produced by a circular (Hackenbruch) or semicircular injection of cocain (Braun).

An injection transversely across the back of the hand produces insensibility in the



FIG. 4.—Conduction anaesthesia (Braun), front of upper arm (after Spalteholz).

dorsal surface of the fingers and hand. A circular injection round the elbow joint renders the skin of the forearm insensitive, and a similar injection round the limb below the knee-joint has the same effect on the skin of the leg. The toes and the anterior part of the foot are made insensitive by an injection at the bases of the