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Nervous System

ANESTHETIC INHIBITION Cortical arousal in the cat is more sensitive to pentobarbital and hydroxydione anesthesia when the response to the stimulus is elicited from the internal capsule than when it is elicited from the sciatic nerve or midbrain reticular formation. Evoked impulses descending from the internal capsule into the reticular formation are also highly vulnerable to anesthetic agents. It is suggested that alteration in influences descending on the brain stem may play a role in the action of some hypnotic and anesthetic drugs. (Gyermek, L.: *Anesthesia and Descending Influences on the Brain Stem Reticular Formation*, *Arch. Int. Pharmacodyn.* 175: 28 (Sept.) 1968.)