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TITLE: Obtaining Tissue from Animals during Terminal Procedures

It is not uncommon for investigators to remove or harvest tissue for an unrelated study from an animal being euthanatized as a part of an approved study. This practice is encouraged in so far as it helps to minimize the numbers of animals used. A general outline of the terminal procedures involved is described here.

These procedures are only done after an animal has been anesthetized to a surgical plane. [An example of procedures for nonhuman primates would be as follows: Anesthesia is induced with ketamine hydrochloride (10 mg/kg, i.m.) and a surgical level of anesthesia achieved with sodium pentobarbital (25-30 mg/kg i.v.).] The tissue of interest is then identified and removed, and the euthanasia procedure as defined in the original protocol is performed.

At NIMH facilities, these tissue collection procedures are performed under the general supervision of individuals experienced in these procedures.