

NIH Anesthesia/Analgesia Formulas

The following pages provide tables of drugs commonly used at the National Institutes of Health (NIH) for pre-anesthesia, anesthesia, analgesia, sedation, tranquilization, and restraint of laboratory animal species.

The dosage recommendations and other data presented on the following pages are based upon current data in the literature and the professional judgement of veterinarians on the NIH Animal Care and Use Committee Subcommittee on Training. Doses published in the literature are often variable.

Proper drug doses may vary greatly depending on species, strain, sex, age, physiologic status of the animal, and the level of anesthesia/analgesia desired.

Although these lists provide a ready source of information on drug doses, individuals should not use these drugs without prior experience.

Your institute or animal facility veterinarians are available for consultation and additional information.

The page facing each table provides species specific information.

Controlled drugs are identified by a "C." The Roman numeral classifies the drug into one of the five established schedules of controlled substances (e.g., sodium pentobarbital, C-II).

Abbreviations:

IV	= intravenous
IM	= intramuscular
IP	= intraperitoneal
SC	= subcutaneous
PO	= per os, oral
IH	= inhalation
qXh	= every X hours

