

**Overarching Principle and Intent**

Western Sydney University complies with the Australian Code for the Care and Use of Animals for Scientific Purposes (2013) and the New South Wales Animal Research Act (1985) and its regulations. Other policies, guidelines and codes that are complied with include those published by the Animal Research Review Panel (ARRP), NHMRC and the Office of the Gene Technology Regulator (OGTR).

**Matters to Consider when Completing your ACEC Application**

When animals are being used for research purposes it is important to consider all aspects of the impact the research will have on the animals. The below points should be considered when completing your Animal Care and Ethics application.

**Anaesthesia**

* Fasting
* Induction & drug, dose, route
* Maintenance & drug, dose, route
* Methods of monitoring anaesthesia and recovery
* Additional support during anaesthesia and recovery (e.g. heat, intravenous fluids)
* Location of induction and recovery areas

**Euthanasia**

* Method
* Location (where procedure will be performed)
* Expertise or personnel

**Behaviour Modification**

* Stimulus (type, duration, frequency)

**Genetic Manipulation**

* Methods
* Potential effects

**Blood/Body Fluid Collection**

* Volume route
* Frequency
* Anaesthesia or analgesia
* Restraint
* Animal monitoring (methods, frequency)

**Housing**

* Location
* Isolation
* Group housing (stocking rates, sexes)
* Shelter bedding
* Hiding areas
* Environmental enrichment
* Duration held
* Conditioning period

**Diet/Water Modifications**

* Type
* Amount
* Effects
* Measurement of intake
* Animal monitoring

**In-Vitro Studies**

* Source of animals
* Duration held
* Euthanasia

**Drug Treatments**

* Substance / Volume / Route
* Frequency/total number per animal
* Local and systemic effects
* Anaesthesia or analgesia
* Possible side effects
* Restraint

**Surgery**

* Anaesthesia
* Location of pre-operative preparation area
* Pre-operative preparation
* Surgical procedure (site, technique)
* Sterile technique (instruments, drapes, surgeon)
* Location of housing in post-operative recovery area
* Post-operative management
* Post-operative monitoring (methods, frequency, duration
* Use of analgesics (type, dose, route, frequency, means of determining necessity for use)
* Expertise

**Toxicology**

* Substance / Volume / Route
* Frequency of treatments / total number per animal

**Teaching**

* Source of animals
* Housing
* Duration held
* Method of disposal

**Transport**

* Type
* Duration
* Confinement
* Number of animals
* Air conditioning

**Wildlife Studies**

* Location
* Methods / Capture methods
* Handling/restraint
* Housing / Monitoring
* Release
* Effects on population

**Tumour/Neoplasia Induction**

* Method
* Site
* Endpoint
* Animal Monitoring (methods, frequency)

**Animal research ethics guidance documents available from REDI**

* ACEC Frequently Asked Questions
* ACEC Amendment Guidelines
* ACEC Species, Purpose and Procedure Descriptions
* Alternatives to Using Animals
* Tips for Improving the Quality of Your ACEC Application

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**Guidance on Data Storage and Retention Questions in the NEAF**