

UNC ANIMAL USE PROTOCOL
Attachment G – TRANSPLANT STUDIES

Transplantation studies require additional provisions for minimizing pain and distress. The attending veterinarian should be consulted

F.1. Transplant Material: Describe the source and nature of the transplant material.

F.2. Monitoring & Treatment:

Check all parameters that will be used to monitor animal health. For each sign that will be monitored, describe the treatment that will be used to alleviate pain or distress if/when observed. In some cases signs of distress may be temporary and disappear in 24-48 hours, and there may be no treatment other than support (e.g., SC fluids). In other cases euthanasia may be the only acceptable treatment (e.g., severe or persistent signs) for those unresponsive to treatments. Increased monitoring may be indicated if signs develop, and specific endpoint criteria should be established to determine when euthanasia is the only appropriate action.

Sign Monitored	When, How Often, Who	Treatment of Pain/Distress by Agent, Dose & Route	Endpoint Criteria
<input type="checkbox"/> Decreased Appetite			
<input type="checkbox"/> Decreased Activity			
<input type="checkbox"/> Aversive reaction to touch			
<input type="checkbox"/> Shivering			
<input type="checkbox"/> Hunched posture			
<input type="checkbox"/> Weight Loss			
<input type="checkbox"/> Ocular Porphyrin Discharge			
Additional Considerations for tumor transplants			
<input type="checkbox"/> Tumor exceeds 10% total body weight			
<input type="checkbox"/> Necrosis, ulceration of tumor surface			
<input type="checkbox"/> Tumor exceeds 2cm diameter (mouse) or 4cm (rat)			
<input type="checkbox"/> Interference with normal function, ambulation ,etc.			

If you will monitor other signs, additional rows may be added by hitting the TAB key after the end of text in the last cell of the table.

F.4. Tissue allo- and xeno-graft studies: Tissue allo-graft and xeno-graft studies have a potential for graft rejection, malignancy, metastasis, or systemic reactions. If this is possible, describe potential outcomes and monitoring and procedures to minimize pain and distress.