

## Footpad Injection Procedure and Mice and Rats

### Material and Supplies:

Gloves  
30g x ½” needle  
TB syringe  
Injection agent

### Procedure:

1. Injection agent is drawn into the syringe. The maximum amount that can be injected into a footpad is 50  $\mu$ l (0.05 ml).
2. Only one hind foot is used. – Never inject both hind feet. The animal is placed in a restraint tube with one hind foot isolated and extended.
3. Wipe the foot with water or alcohol to remove debris prior to injecting.
4. Inject subcutaneously into the center of the hind foot forming a small bleb at the injection site.
5. All animals must be closely monitored for signs of pain, food consumption and ambulation. Self-mutilation can occur with the foot being chewed off. This is a sign of chronic pain. Any animal demonstrating self-mutilation should be called to the attention of the veterinary staff immediately.
6. The animal must be euthanized when the lesion or tumor interferes with the animals’ ability to ambulate or reach the food and water.