

Courtesy of Tokiko Kushiro-Banker, BVM, MS, PhD, Dipl. ACVAA, Clinical Assistant Professor, Anesthesiology, Purdue University College of Veterinary Medicine

Using the NMBA Cable with Accelerometer

Ground lead: Use an alligator clip, a flat tip is preferred since its gentle on the animal's skin. Use alcohol or gel to create a good contact.

Accelerometer Lead: All of the hair does not need to be shaved, but the lead will need to sense the motion which will be produced by nerve stimulation. Place the lead on the distal end of the limb rather than the more proximal part of the limb. The lead should be placed on the animal's digits or metatarsal area. Sometimes, depending on the position of the patient, one may need to play with the position of the limb so that the twitch motion won't be limited (e.g., if the animal is in dorsal recumbency and the foot with Stimpod is "resting"/touching on the table, especially the distal end of the limb, this may limit the motion and twitch may not be sensed by Stimpod well. This can be especially true when it's recovering from paralysis since the twitch can be very minimum in that period of time.

Photo and Video: The lead is placed on a patient (not paralyzed). The patient was in dorsal position but happened to be a dachshund so the limb is not touching the table at all, thus one can see the twitch very well, but the twitch can be limited if the foot was resting on the table.

